Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	Administration Surface Soil_SS		Administration Shallow Soil_SB		Burial Surface Soil_SS		Burial Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
CYANIDE										
CYANIDE-Amenable Cyanide	A57-12-5	mg/kg	--	No Data	--	No Data	--	No Data	0.2400	Max
CYANIDE-Total Cyanide	57-12-5	mg/kg	--	ND	--	ND	--	ND	0.4200	Max
DIOXIN										
DIOXIN-Total Avian Dioxin TEQ	URS-TEQ-04	pg/g	0.6110	Max	0.6110	Max	4.71	Max	7.98	Max
DIOXIN-Total Fish Dioxin TEQ	URS-TEQ-06	pg/g	--	No Data	--	No Data	--	No Data	--	No Data
DIOXIN-Total TEQ	URS-TEQ-02	pg/g	0.6610	Max	0.6610	Max	6.19	Max	11.4	Max
HERBICIDES										
HERB-2,4,5-TP (Silvex)	93-72-1	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	0.0220	Max	0.0220	Max
HERB-2,4-Dichlorophenoxybutyric acid (2,4-DB)	94-82-6	mg/kg	0.0210	Max	0.0340	Max	0.0840	Max	0.0318	UCL
HERB-2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
HERB-Dalapon	75-99-0	mg/kg	0.2800	Max	0.2800	Max	0.0840	Max	0.0333	UCL
HERB-MCPA	94-74-6	mg/kg	3.00	Max	3.00	Max	--	ND	0.7100	Max
HERB-MCPP	93-65-2	mg/kg	--	ND	--	ND	--	ND	1.10	Max
METALS										
Metals-Barium	7440-39-3	mg/kg	130	Max	185	UCL	170	UCL	156	UCL
Metals-Beryllium	7440-41-7	mg/kg	0.5500	Max	0.5630	UCL	0.5890	UCL	0.5960	UCL
Metals-Cadmium	7440-43-9	mg/kg	1.10	Max	0.9300	UCL	1.51	UCL	1.40	UCL
Metals-Chromium	7440-47-3	mg/kg	27.0	Max	27.4	UCL	36.8	UCL	87.1	UCL
Metals-Cobalt	7440-48-4	mg/kg	6.00	Max	5.20	UCL	6.24	UCL	5.78	UCL
Metals-Copper	7440-50-8	mg/kg	14.0	Max	13.0	UCL	17.9	UCL	34.7	UCL
Metals-Lead	7439-92-1	mg/kg	--	ND	--	ND	11.2	UCL	9.84	UCL
Metals-Manganese	7439-96-5	mg/kg	810	Max	470	UCL	311	UCL	271	UCL
Metals-Mercury	7439-97-6	mg/kg	0.0380	Max	0.0690	Max	0.0271	UCL	0.0250	UCL
Metals-Molybdenum	7439-98-7	mg/kg	2.40	Max	3.90	UCL	4.12	UCL	4.25	UCL
Metals-Nickel	7440-02-0	mg/kg	31.0	Max	31.6	UCL	37.7	UCL	41.3	UCL
Metals-Selenium	7782-49-2	mg/kg	1.40	Max	1.40	Max	3.51	UCL	2.58	UCL
Metals-Thallium	7440-28-0	mg/kg	0.2300	Max	0.2900	Max	0.3480	UCL	0.3260	UCL
Metals-Tin	7440-31-5	mg/kg	38.0	Max	51.4	UCL	43.5	UCL	42.0	UCL
Metals-Vanadium	7440-62-2	mg/kg	30.0	Max	31.3	UCL	34.8	UCL	31.7	UCL
Metals-Zinc	7440-66-6	mg/kg	51.0	Max	50.1	UCL	68.7	UCL	65.0	UCL
PAHs										
PAH-Acenaphthene	83-32-9	mg/kg	0.0051	Max	0.0051	Max	--	ND	0.0550	Max
PAH-Acenaphthylene	208-96-8	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
PAH-Anthracene	120-12-7	mg/kg	0.0120	Max	0.0120	Max	--	ND	0.0690	Max

Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	Administration Surface Soil_SS		Administration Shallow Soil_SB		Burial Surface Soil_SS		Burial Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
PAH-Benzo(a)anthracene	56-55-3	mg/kg	0.0160	Max	0.0160	Max	--	ND	--	ND
PAH-Benzo(a)pyrene	50-32-8	mg/kg	0.0150	Max	0.0150	Max	--	ND	--	ND
PAH-Benzo(b)fluoranthene	205-99-2	mg/kg	0.0150	Max	0.0150	Max	--	ND	0.3200	Max
PAH-Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0160	Max	0.0160	Max	0.0045	Max	0.0045	Max
PAH-Benzo(k)fluoranthene	207-08-9	mg/kg	0.0140	Max	0.0140	Max	--	ND	--	ND
PAH-Chrysene	218-01-9	mg/kg	0.0170	Max	0.0170	Max	0.0050	Max	0.4620	UCL
PAH-Fluoranthene	206-44-0	mg/kg	0.0130	Max	0.0130	Max	0.0048	Max	0.3600	Max
PAH-Fluorene	86-73-7	mg/kg	0.0070	Max	0.0070	Max	--	ND	0.1500	Max
PAH-Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	0.0140	Max	0.0140	Max	--	ND	--	ND
PAH-Naphthalene	91-20-3	mg/kg	0.0042	Max	0.0066	Max	--	ND	0.1600	Max
PAH-Pyrene	129-00-0	mg/kg	0.0160	Max	0.0160	Max	0.0048	Max	0.3360	UCL
PCBs										
PCB-Aroclor 1260	11096-82-5	mg/kg	--	ND	--	ND	0.0160	Max	0.0160	Max
PCB CONGENERS										
PCBConger-Sum of PCB Congeners	SUM-PCBC	pg/g	116	Max	116	Max	28439	Max	28439	Max
PCBConger-PCBC TEQ	SUM-PCBC	pg/g	0.0010	Max	0.0010	Max	3.5550	Max	3.56	Max
PCBConger-Total Avian PCBC TEQ	SUM-PCBC	pg/g	0.0558	Max	0.0558	Max	12	Max	12.3	Max
PESTICIDES										
PEST-4,4'-DDD	72-54-8	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
PEST-4,4'-DDE	72-55-9	mg/kg	--	ND	--	ND	--	ND	0.0140	Max
PEST-4,4'-DDT	50-29-3	mg/kg	0.0029	Max	0.0029	Max	0.0080	Max	0.0630	Max
PEST-Aldrin	309-00-2	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
PEST-alpha-BHC	319-84-6	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
PEST-Chlordane, gamma	12789-03-6	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
PEST-delta-BHC	319-86-8	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
PEST-Dieldrin	60-57-1	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
PEST-Endosulfan I	959-98-8	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
PEST-Endrin	72-20-8	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
PEST-Heptachlor epoxide	1024-57-3	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
PEST-Hexachlorobenzene	118-74-1	mg/kg	0.0069	Max	0.0069	Max	0.0023	Max	0.0023	Max
PEST-Methoxychlor	72-43-5	mg/kg	--	ND	--	ND	0.0039	Max	0.0039	Max
PEST-Mirex	2385-85-5	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
SVOCs										
SVOC-Benzoic acid	65-85-0	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	0.3400	Max	0.3400	Max
SVOC-Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	--	ND	--	ND	--	ND	--	ND

Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	Administration Surface Soil_SS		Administration Shallow Soil_SB		Burial Surface Soil_SS		Burial Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
SVOC-Diethylphthalate	84-66-2	mg/kg	--	ND	--	ND	--	ND	--	ND
SVOC-Di-n-butylphthalate	84-74-2	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
SVOC-N-Nitrosodimethylamine	62-75-9	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
SVOC-N-Nitrosodipropylamine	621-64-7	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
SVOC-N-Nitrosomethylethylamine	10595-95-6	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	0.0051	Max	0.0067	Max
SVOC-N-Nitrosopyrrolidine	930-55-2	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
VOCs										
VOC-1,1,1-Trichloroethane	71-55-6	mg/kg	--	ND	--	ND	0.0640	Max	0.0640	Max
VOC-1,1-Dichloroethane	75-34-3	mg/kg	--	ND	--	ND	0.3500	Max	4.30	Max
VOC-1,1-Dichloroethylene	75-35-4	mg/kg	--	ND	--	ND	0.0170	Max	0.0340	Max
VOC-1,2-Dichloroethene	540-59-0	mg/kg	--	ND	0.0013	Max	--	ND	0.0150	Max
VOC-Acetone	67-64-1	mg/kg	0.0400	Max	0.0524	UCL	0.6490	UCL	0.3840	UCL
PPO-Acetonitrile	75-05-8	mg/kg	--	ND	--	ND	0.1700	Max	0.1700	UCL
PPO-Acrolein	107-02-8	mg/kg	--	ND	--	ND	0.0170	Max	0.0170	Max
VOC-Benzene	71-43-2	mg/kg	0.0035	Max	0.0031	UCL	0.0020	Max	0.0055	Max
VOC-Carbon disulfide	75-15-0	mg/kg	--	ND	0.0085	Max	0.0210	Max	0.0210	Max
VOC-Chloroform	67-66-3	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC
VOC-Freon 113 (1,1,2-trichloro-1,2,2-trifluo	76-13-1	mg/kg	--	ND	--	ND	0.2330	UCL	2.74	UCL
VOC-Isopropanol	67-63-0	mg/kg	--	ND	--	ND	0.0670	Max	0.0670	Max
VOC-Methyl ethyl ketone	78-93-3	mg/kg	--	ND	0.0140	Max	0.2160	UCL	0.0560	UCL
VOC-Methylene chloride	75-09-2	mg/kg	--	ND	--	ND	--	ND	0.0320	Max
VOC-Propanal	123-38-6	mg/kg	--	ND	--	ND	0.1800	Max	0.0380	UCL
PPO-Tert-Butyl alcohol (TBA)	75-65-0	mg/kg	0.0170	Max	0.0220	Max	0.0200	Max	0.0200	Max
VOC-Tetrachloroethylene	127-18-4	mg/kg	0.0019	Max	0.0020	Max	0.3300	Max	0.3300	Max
VOC-Tetrahydrofuran	109-99-9	mg/kg	--	ND	0.0026	Max	--	ND	0.0460	Max
VOC-Toluene	108-88-3	mg/kg	--	ND	0.0017	Max	0.0032	Max	0.0034	Max
VOC-Trichloroethylene	79-01-6	mg/kg	--	ND	--	ND	24.0	Max	24.0	Max
VOC-Vinyl chloride	75-01-4	mg/kg	--	Not an Admin COPC	--	Not an Admin COPC	--	Not a Burial COPC	--	Not a Burial COPC

Notes: Exposure point concentration (EPC); Chemical of Potential Concern (COPC); " -- " not applicable/not available

1: 95UCL calculated on COPCs with at least 8 samples and 5 detections

2: Maximum (MAX) detects used in place of 95UCL for COPCs not meeting criteria (1) above

3: Parameters with 100% nondetects have "ND" reported

4: Maximum of duplicate samples selected

5: SS and SB = soil depths 0 to 6 inches and 0 to to 5 ft bgs, respectively

Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	Central Drainage Surface Soil_SS		Central Drainage Shallow Soil_SB		Former Ponds & Pads Surface Soil_SS		Former Ponds & Pads Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
CYANIDE										
CYANIDE-Amenable Cyanide	A57-12-5	mg/kg	--	No Data	--	ND	--	No Data	--	No Data
CYANIDE-Total Cyanide	57-12-5	mg/kg	--	ND	0.2990	Max	--	ND	--	ND
DIOXIN										
DIOXIN-Total Avian Dioxin TEQ	URS-TEQ-04	pg/g	78.2	Max	78.2	Max	3.72	UCL	0.5700	UCL
DIOXIN-Total Fish Dioxin TEQ	URS-TEQ-06	pg/g	--	No Data	--	No Data	--	No Data	--	No Data
DIOXIN-Total TEQ	URS-TEQ-02	pg/g	57.5	Max	57.5	Max	3.50	UCL	1.01	UCL
HERBICIDES										
HERB-2,4,5-TP (Silvex)	93-72-1	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	Not an FPP COPC	--	Not a FPP COPC
HERB-2,4-Dichlorophenoxybutyric acid (2,4-DB)	94-82-6	mg/kg	0.0290	Max	0.0148	UCL	--	ND	0.0890	Max
HERB-2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	Not an FPP COPC	--	Not a FPP COPC
HERB-Dalapon	75-99-0	mg/kg	0.0160	Max	0.0177	UCL	0.0290	Max	0.0570	Max
HERB-MCPA	94-74-6	mg/kg	1.80	Max	1.80	Max	7.00	Max	1.46	UCL
HERB-MCPP	93-65-2	mg/kg	120	Max	120	Max	0.8050	UCL	0.8710	UCL
METALS										
Metals-Barium	7440-39-3	mg/kg	458	UCL	433	UCL	749	UCL	483	UCL
Metals-Beryllium	7440-41-7	mg/kg	0.5180	UCL	0.5240	UCL	0.4600	UCL	0.4470	UCL
Metals-Cadmium	7440-43-9	mg/kg	1.56	UCL	4.90	UCL	1.76	UCL	1.80	UCL
Metals-Chromium	7440-47-3	mg/kg	33.5	UCL	28.9	UCL	33.2	UCL	30.5	UCL
Metals-Cobalt	7440-48-4	mg/kg	5.82	UCL	5.70	UCL	9.35	UCL	8.52	UCL
Metals-Copper	7440-50-8	mg/kg	38.4	UCL	28.1	UCL	18.2	UCL	16.4	UCL
Metals-Lead	7439-92-1	mg/kg	13.4	UCL	12.2	UCL	14.7	UCL	11.9	UCL
Metals-Manganese	7439-96-5	mg/kg	214	UCL	348	UCL	315	UCL	288	UCL
Metals-Mercury	7439-97-6	mg/kg	0.1130	UCL	0.0840	UCL	0.0284	UCL	0.0247	UCL
Metals-Molybdenum	7439-98-7	mg/kg	4.28	UCL	4.23	UCL	3.85	UCL	3.82	UCL
Metals-Nickel	7440-02-0	mg/kg	35.6	UCL	37.0	UCL	40.5	UCL	38.7	UCL
Metals-Selenium	7782-49-2	mg/kg	1.80	Max	1.23	UCL	1.13	UCL	1.21	UCL
Metals-Thallium	7440-28-0	mg/kg	0.3750	UCL	0.3930	UCL	0.3580	UCL	0.3600	UCL
Metals-Tin	7440-31-5	mg/kg	46.2	UCL	45.1	UCL	43.7	UCL	44.5	UCL
Metals-Vanadium	7440-62-2	mg/kg	32.7	UCL	31.4	UCL	27.6	UCL	26.4	UCL
Metals-Zinc	7440-66-6	mg/kg	79.8	UCL	81.3	UCL	61.8	UCL	58.6	UCL
PAHs										
PAH-Acenaphthene	83-32-9	mg/kg	0.0630	Max	0.0630	Max	0.0250	Max	0.0104	UCL
PAH-Acenaphthylene	208-96-8	mg/kg	0.0078	Max	0.0078	Max	--	Not an FPP COPC	--	Not a FPP COPC
PAH-Anthracene	120-12-7	mg/kg	0.0300	Max	0.0300	Max	0.0300	Max	0.0071	UCL

Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	Central Drainage Surface Soil_SS		Central Drainage Shallow Soil_SB		Former Ponds & Pads Surface Soil_SS		Former Ponds & Pads Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
PAH-Benzo(a)anthracene	56-55-3	mg/kg	0.0360	Max	0.0092	UCL	0.0048	UCL	0.0066	UCL
PAH-Benzo(a)pyrene	50-32-8	mg/kg	0.0231	UCL	0.0166	UCL	0.0086	UCL	0.0080	UCL
PAH-Benzo(b)fluoranthene	205-99-2	mg/kg	0.0156	UCL	0.0109	UCL	0.0061	UCL	0.0062	UCL
PAH-Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0260	Max	0.0073	UCL	0.0117	UCL	0.0087	UCL
PAH-Benzo(k)fluoranthene	207-08-9	mg/kg	0.0768	UCL	0.0454	UCL	0.0390	UCL	0.0050	UCL
PAH-Chrysene	218-01-9	mg/kg	0.0246	UCL	0.0191	UCL	0.0045	UCL	0.0085	UCL
PAH-Fluoranthene	206-44-0	mg/kg	0.0529	UCL	0.0320	UCL	0.0032	UCL	0.0043	UCL
PAH-Fluorene	86-73-7	mg/kg	0.0970	Max	0.0970	Max	0.0320	Max	0.0046	UCL
PAH-Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	0.0150	Max	0.0150	Max	0.0450	Max	0.0033	UCL
PAH-Naphthalene	91-20-3	mg/kg	0.0600	Max	0.0700	Max	0.0037	UCL	0.0035	UCL
PAH-Pyrene	129-00-0	mg/kg	0.0752	UCL	0.0472	UCL	0.0104	UCL	0.0116	UCL
PCBs										
PCB-Aroclor 1260	11096-82-5	mg/kg	0.5820	UCL	0.8290	UCL	0.1570	UCL	0.0997	UCL
PCB CONGENERS										
PCBConger-Sum of PCB Congeners	SUM-PCBC	pg/g	234128	Max	234128	Max	1255239	UCL	1165291	UCL
PCBConger-PCBC TEQ	SUM-PCBC	pg/g	32.4	Max	32.4	Max	77.5	UCL	65.4	UCL
PCBConger-Total Avian PCBC TEQ	SUM-PCBC	pg/g	295	Max	295	Max	1914	UCL	1700	UCL
PESTICIDES										
PEST-4,4'-DDD	72-54-8	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	Not an FPP COPC	--	Not a FPP COPC
PEST-4,4'-DDE	72-55-9	mg/kg	--	ND	--	ND	0.0006	Max	0.0130	Max
PEST-4,4'-DDT	50-29-3	mg/kg	0.0201	UCL	0.0693	UCL	0.0136	UCL	0.0093	UCL
PEST-Aldrin	309-00-2	mg/kg	0.0190	Max	0.0190	Max	--	Not an FPP COPC	--	Not a FPP COPC
PEST-alpha-BHC	319-84-6	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	Not an FPP COPC	--	Not a FPP COPC
PEST-Chlordane, gamma	12789-03-6	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	Not an FPP COPC	--	Not a FPP COPC
PEST-delta-BHC	319-86-8	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	Not an FPP COPC	--	Not a FPP COPC
PEST-Dieldrin	60-57-1	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	Not an FPP COPC	--	Not a FPP COPC
PEST-Endosulfan I	959-98-8	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	Not an FPP COPC	--	Not a FPP COPC
PEST-Endrin	72-20-8	mg/kg	0.1200	Max	0.1200	Max	--	Not an FPP COPC	--	Not a FPP COPC
PEST-Heptachlor epoxide	1024-57-3	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	Not an FPP COPC	--	Not a FPP COPC
PEST-Hexachlorobenzene	118-74-1	mg/kg	0.0780	Max	0.0377	UCL	0.0007	Max	0.0005	UCL
PEST-Methoxychlor	72-43-5	mg/kg	0.0056	Max	0.0056	Max	0.0250	Max	0.0250	Max
PEST-Mirex	2385-85-5	mg/kg	0.0800	Max	0.0120	UCL	--	Not an FPP COPC	--	Not a FPP COPC
SVOCs										
SVOC-Benzoic acid	65-85-0	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	Not an FPP COPC	--	Not a FPP COPC
SVOC-Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	29.0	Max	29.0	Max	0.1140	UCL	0.1090	UCL

Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	Central Drainage Surface Soil_SS		Central Drainage Shallow Soil_SB		Former Ponds & Pads Surface Soil_SS		Former Ponds & Pads Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
SVOC-Diethylphthalate	84-66-2	mg/kg	0.2200	Max	0.2200	Max	1.59	UCL	0.6930	UCL
SVOC-Di-n-butylphthalate	84-74-2	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	Not an FPP COPC	--	Not a FPP COPC
SVOC-N-Nitrosodimethylamine	62-75-9	mg/kg	--	Not a Central COPC	--	Not a Central COPC	0.0088	UCL	0.0076	UCL
SVOC-N-Nitrosodipropylamine	621-64-7	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	Not an FPP COPC	--	Not a FPP COPC
SVOC-N-Nitrosomethylethylamine	10595-95-6	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	Not an FPP COPC	--	Not a FPP COPC
SVOC-N-Nitrosopyrrolidine	930-55-2	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	Not an FPP COPC	--	Not a FPP COPC
VOCs										
VOC-1,1,1-Trichloroethane	71-55-6	mg/kg	0.2630	UCL	0.2260	UCL	0.0040	Max	0.0040	Max
VOC-1,1-Dichloroethane	75-34-3	mg/kg	0.0868	UCL	1.64	UCL	0.0024	Max	0.1890	UCL
VOC-1,1-Dichloroethylene	75-35-4	mg/kg	0.0190	Max	0.0422	UCL	0.0030	Max	0.0040	UCL
VOC-1,2-Dichloroethene	540-59-0	mg/kg	0.0840	Max	0.8100	UCL	0.1100	Max	1.71	UCL
VOC-Acetone	67-64-1	mg/kg	0.0280	UCL	0.0262	UCL	0.1040	UCL	0.0712	UCL
PPO-Acetonitrile	75-05-8	mg/kg	0.1800	Max	0.1800	Max	--	ND	--	ND
PPO-Acrolein	107-02-8	mg/kg	0.0089	Max	0.0089	Max	0.0140	Max	0.0140	Max
VOC-Benzene	71-43-2	mg/kg	0.0018	UCL	0.2350	UCL	0.0023	Max	0.0050	UCL
VOC-Carbon disulfide	75-15-0	mg/kg	0.0180	Max	0.0079	UCL	0.0185	UCL	0.0152	UCL
VOC-Chloroform	67-66-3	mg/kg	0.0931	UCL	0.1150	UCL	--	Not an FPP COPC	--	Not a FPP COPC
VOC-Freon 113 (1,1,2-trichloro-1,2,2-trifluo	76-13-1	mg/kg	0.1260	UCL	0.4760	UCL	0.0097	Max	0.0090	UCL
VOC-Isopropanol	67-63-0	mg/kg	0.0530	Max	0.0740	Max	0.068	Max	0.0680	Max
VOC-Methyl ethyl ketone	78-93-3	mg/kg	0.0094	UCL	0.0079	UCL	0.0091	UCL	0.0073	UCL
VOC-Methylene chloride	75-09-2	mg/kg	0.2600	Max	0.1940	UCL	0.0024	Max	0.0024	Max
VOC-Propanal	123-38-6	mg/kg	0.0230	Max	0.0230	Max	0.0770	Max	0.0181	UCL
PPO-Tert-Butyl alcohol (TBA)	75-65-0	mg/kg	0.0210	Max	0.0166	UCL	0.0240	Max	0.0172	UCL
VOC-Tetrachloroethylene	127-18-4	mg/kg	0.6690	UCL	1.17	UCL	0.0620	Max	46.4600	UCL
VOC-Tetrahydrofuran	109-99-9	mg/kg	0.0026	Max	0.0268	UCL	0.0025	Max	0.0016	UCL
VOC-Toluene	108-88-3	mg/kg	0.0012	Max	0.1250	UCL	--	ND	0.0130	Max
VOC-Trichloroethylene	79-01-6	mg/kg	0.1640	UCL	0.6270	UCL	0.0740	Max	3.98	UCL
VOC-Vinyl chloride	75-01-4	mg/kg	--	Not a Central COPC	--	Not a Central COPC	--	ND	0.0267	UCL

Notes: Exposure point concentration (EPC); Chemical of Potential Concern (COPC); " -- " not applicable/not available

1: 95UCL calculated on COPCs with at least 8 samples and 5 detections

2: Maximum (MAX) detects used in place of 95UCL for COPCs not meeting criteria (1) above

3: Parameters with 100% nondetects have "ND" reported

4: Maximum of duplicate samples selected

5: SS and SB = soil depths 0 to 6 inches and 0 to to 5 ft bgs, respectively

Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	Liquid Treatment Surface Soil_SS		Liquid Treatment Shallow Soil_SB		Maintenance Shed Surface Soil_SS		Maintenance Shed Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
CYANIDE										
CYANIDE-Amenable Cyanide	A57-12-5	mg/kg	1.4	Max	1.40	Max	--	No Data	--	No Data
CYANIDE-Total Cyanide	57-12-5	mg/kg	9.8	Max	9.80	Max	--	ND	--	ND
DIOXIN										
DIOXIN-Total Avian Dioxin TEQ	URS-TEQ-04	pg/g	0.6370	Max	0.6370	Max	33.8700	Max	33.9	Max
DIOXIN-Total Fish Dioxin TEQ	URS-TEQ-06	pg/g	--	No Data	--	No Data	--	No Data	--	No Data
DIOXIN-Total TEQ	URS-TEQ-02	pg/g	1.1380	Max	1.14	Max	19.0500	Max	19.1	Max
HERBICIDES										
HERB-2,4,5-TP (Silvex)	93-72-1	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
HERB-2,4-Dichlorophenoxybutyric acid (2,4-DB)	94-82-6	mg/kg	0.0540	Max	0.0182	UCL	--	ND	--	ND
HERB-2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	mg/kg	0.021	Max	0.0570	Max	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
HERB-Dalapon	75-99-0	mg/kg	0.0540	Max	0.0680	Max	--	ND	--	ND
HERB-MCPA	94-74-6	mg/kg	0.82	Max	19.0	Max	--	ND	--	ND
HERB-MCPP	93-65-2	mg/kg	1400	Max	1400	Max	--	ND	--	ND
METALS										
Metals-Barium	7440-39-3	mg/kg	129	UCL	117	UCL	588	UCL	812	UCL
Metals-Beryllium	7440-41-7	mg/kg	0.4570	UCL	0.4580	UCL	0.4560	UCL	0.4310	UCL
Metals-Cadmium	7440-43-9	mg/kg	11.32	UCL	7.38	UCL	7.80	UCL	4.13	UCL
Metals-Chromium	7440-47-3	mg/kg	32.6	UCL	31.3	UCL	145.8	UCL	94.3	UCL
Metals-Cobalt	7440-48-4	mg/kg	6.53	UCL	6.52	UCL	5.21	UCL	4.58	UCL
Metals-Copper	7440-50-8	mg/kg	49.9	UCL	40.7	UCL	82.1	UCL	52.9	UCL
Metals-Lead	7439-92-1	mg/kg	14.4	UCL	12.4	UCL	498.1	UCL	295	UCL
Metals-Manganese	7439-96-5	mg/kg	244	UCL	293	UCL	166	UCL	166	UCL
Metals-Mercury	7439-97-6	mg/kg	0.0407	UCL	0.0388	UCL	0.0862	UCL	0.0647	UCL
Metals-Molybdenum	7439-98-7	mg/kg	4.40	UCL	4.82	UCL	2.68	UCL	2.56	UCL
Metals-Nickel	7440-02-0	mg/kg	35.4	UCL	36.6	UCL	44.2	UCL	37.1	UCL
Metals-Selenium	7782-49-2	mg/kg	1.70	Max	2.60	Max	--	ND	--	ND
Metals-Thallium	7440-28-0	mg/kg	0.3370	UCL	0.3830	UCL	0.6650	UCL	0.5100	UCL
Metals-Tin	7440-31-5	mg/kg	45.7	UCL	45.2	UCL	45.6	UCL	43.2	UCL
Metals-Vanadium	7440-62-2	mg/kg	28.2	UCL	37.7	UCL	26.9	UCL	24.1	UCL
Metals-Zinc	7440-66-6	mg/kg	88.4	UCL	75.1	UCL	122.6	UCL	121	UCL
PAHs										
PAH-Acenaphthene	83-32-9	mg/kg	0.0510	Max	0.0510	Max	--	ND	0.0049	Max
PAH-Acenaphthylene	208-96-8	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	0.0022	Max	0.0022	Max
PAH-Anthracene	120-12-7	mg/kg	0.0089	Max	0.0089	Max	0.0048	Max	0.0048	Max

Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	Liquid Treatment Surface Soil_SS		Liquid Treatment Shallow Soil_SB		Maintenance Shed Surface Soil_SS		Maintenance Shed Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
PAH-Benzo(a)anthracene	56-55-3	mg/kg	0.0067	Max	0.0067	Max	0.0077	Max	0.0077	Max
PAH-Benzo(a)pyrene	50-32-8	mg/kg	0.0077	Max	0.0078	Max	0.0190	Max	0.0190	Max
PAH-Benzo(b)fluoranthene	205-99-2	mg/kg	0.0093	Max	0.0051	UCL	0.0060	Max	0.0076	Max
PAH-Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0034	Max	0.0034	Max	--	ND	--	ND
PAH-Benzo(k)fluoranthene	207-08-9	mg/kg	0.0045	Max	0.0045	Max	0.0180	Max	0.0180	Max
PAH-Chrysene	218-01-9	mg/kg	0.0087	UCL	0.0064	UCL	0.0069	UCL	0.0052	UCL
PAH-Fluoranthene	206-44-0	mg/kg	0.0110	Max	0.0038	UCL	0.0051	UCL	0.0048	UCL
PAH-Fluorene	86-73-7	mg/kg	--	ND	--	ND	0.0039	Max	0.0088	Max
PAH-Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	0.0027	Max	0.0027	Max	--	ND	--	ND
PAH-Naphthalene	91-20-3	mg/kg	0.0078	Max	0.0045	UCL	0.0170	Max	0.0410	Max
PAH-Pyrene	129-00-0	mg/kg	0.0093	UCL	0.0070	UCL	0.0069	UCL	0.0059	UCL
PCBs										
PCB-Aroclor 1260	11096-82-5	mg/kg	--	ND	--	ND	0.5500	Max	0.5500	Max
PCB CONGENERS										
PCBConger-Sum of PCB Congeners	SUM-PCBC	pg/g	6858	Max	6858	Max	63575	Max	63575	Max
PCBConger-PCBC TEQ	SUM-PCBC	pg/g	1.14	Max	1.14	Max	7.42	Max	7.42	Max
PCBConger-Total Avian PCBC TEQ	SUM-PCBC	pg/g	13.2	Max	13.2	Max	25.9	Max	25.9	Max
PESTICIDES										
PEST-4,4'-DDD	72-54-8	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
PEST-4,4'-DDE	72-55-9	mg/kg	0.0022	Max	0.0022	Max	0.0100	Max	0.0100	Max
PEST-4,4'-DDT	50-29-3	mg/kg	2.04	UCL	1.24	UCL	0.0810	Max	0.0810	Max
PEST-Aldrin	309-00-2	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
PEST-alpha-BHC	319-84-6	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
PEST-Chlordane, gamma	12789-03-6	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
PEST-delta-BHC	319-86-8	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
PEST-Dieldrin	60-57-1	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
PEST-Endosulfan I	959-98-8	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
PEST-Endrin	72-20-8	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
PEST-Heptachlor epoxide	1024-57-3	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
PEST-Hexachlorobenzene	118-74-1	mg/kg	2.035	UCL	1.23	UCL	0.0063	Max	0.0063	Max
PEST-Methoxychlor	72-43-5	mg/kg	--	ND	--	ND	0.0170	Max	0.0170	Max
PEST-Mirex	2385-85-5	mg/kg	0.5800	Max	0.5800	Max	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
SVOCs										
SVOC-Benzoic acid	65-85-0	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	0.4100	Max	0.4100	Max
SVOC-Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	1.70	Max	1.70	Max	0.4700	Max	0.1630	UCL

Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	Liquid Treatment Surface Soil_SS		Liquid Treatment Shallow Soil_SB		Maintenance Shed Surface Soil_SS		Maintenance Shed Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
SVOC-Diethylphthalate	84-66-2	mg/kg	--	ND	0.3700	Max	0.2400	Max	0.2400	Max
SVOC-Di-n-butylphthalate	84-74-2	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
SVOC-N-Nitrosodimethylamine	62-75-9	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
SVOC-N-Nitrosodipropylamine	621-64-7	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
SVOC-N-Nitrosomethylethylamine	10595-95-6	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
SVOC-N-Nitrosopyrrolidine	930-55-2	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
VOCs										
VOC-1,1,1-Trichloroethane	71-55-6	mg/kg	--	ND	0.0017	Max	--	ND	--	ND
VOC-1,1-Dichloroethane	75-34-3	mg/kg	0.0025	Max	0.0025	Max	--	ND	--	ND
VOC-1,1-Dichloroethylene	75-35-4	mg/kg	--	ND	0.0370	Max	--	ND	--	ND
VOC-1,2-Dichloroethene	540-59-0	mg/kg	0.016	Max	0.0160	Max	--	ND	--	ND
VOC-Acetone	67-64-1	mg/kg	0.0568	UCL	0.0391	UCL	0.0610	Max	0.0610	Max
PPO-Acetonitrile	75-05-8	mg/kg	0.19	Max	0.1900	Max	--	ND	--	ND
PPO-Acrolein	107-02-8	mg/kg	0.0042	Max	0.0042	Max	--	ND	--	ND
VOC-Benzene	71-43-2	mg/kg	0.0024	Max	0.0019	UCL	0.0019	Max	0.0019	Max
VOC-Carbon disulfide	75-15-0	mg/kg	--	ND	0.0110	Max	0.0185	UCL	0.0131	UCL
VOC-Chloroform	67-66-3	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC
VOC-Freon 113 (1,1,2-trichloro-1,2,2-trifluo	76-13-1	mg/kg	0.0036	Max	0.1390	UCL	0.0037	Max	0.0023	UCL
VOC-Isopropanol	67-63-0	mg/kg	--	ND	--	ND	--	ND	--	ND
VOC-Methyl ethyl ketone	78-93-3	mg/kg	0.0082	Max	0.0052	UCL	--	ND	--	ND
VOC-Methylene chloride	75-09-2	mg/kg	--	ND	--	ND	--	ND	--	ND
VOC-Propanal	123-38-6	mg/kg	--	ND	--	ND	1.30	Max	1.30	Max
PPO-Tert-Butyl alcohol (TBA)	75-65-0	mg/kg	0.0400	Max	0.0600	Max	--	ND	--	ND
VOC-Tetrachloroethylene	127-18-4	mg/kg	0.0300	Max	0.0110	UCL	0.0025	Max	0.0060	Max
VOC-Tetrahydrofuran	109-99-9	mg/kg	--	ND	0.1500	Max	--	ND	--	ND
VOC-Toluene	108-88-3	mg/kg	0.0032	Max	0.0032	Max	0.005	Max	0.0050	Max
VOC-Trichloroethylene	79-01-6	mg/kg	0.0031	Max	0.0038	Max	--	ND	--	ND
VOC-Vinyl chloride	75-01-4	mg/kg	--	Not a LQT COPC	--	Not a LQT COPC	--	Not a Maint Shed COPC	--	Not a Maint Shed COPC

Notes: Exposure point concentration (EPC); Chemical of Potential Concern (COPC); " -- " not applicable/not available

1: 95UCL calculated on COPCs with at least 8 samples and 5 detections

2: Maximum (MAX) detects used in place of 95UCL for COPCs not meeting criteria (1) above

3: Parameters with 100% nondetects have "ND" reported

4: Maximum of duplicate samples selected

5: SS and SB = soil depths 0 to 6 inches and 0 to to 5 ft bgs, respectively

Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	RCRA Canyon Surface Soil_SS		RCRA Canyon Shallow Soil_SB		Roadway Surface Soil_SS		Roadway Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
CYANIDE										
CYANIDE-Amenable Cyanide	A57-12-5	mg/kg	--	No Data	--	No Data	--	No Data	--	No Data
CYANIDE-Total Cyanide	57-12-5	mg/kg	--	No Data	--	No Data	--	No Data	--	No Data
DIOXIN										
DIOXIN-Total Avian Dioxin TEQ	URS-TEQ-04	pg/g	7.39	UCL	3.89	UCL	0.1840	Max	0.1840	Max
DIOXIN-Total Fish Dioxin TEQ	URS-TEQ-06	pg/g	--	No Data	--	No Data	--	No Data	--	No Data
DIOXIN-Total TEQ	URS-TEQ-02	pg/g	2.79	UCL	1.75	UCL	1.11	Max	1.1060	Max
HERBICIDES										
HERB-2,4,5-TP (Silvex)	93-72-1	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
HERB-2,4-Dichlorophenoxybutyric acid (2,4-DB)	94-82-6	mg/kg	--	No Data	--	No Data	--	No Data	--	No Data
HERB-2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
HERB-Dalapon	75-99-0	mg/kg	--	No Data	--	No Data	--	No Data	--	No Data
HERB-MCPA	94-74-6	mg/kg	--	No Data	--	No Data	--	No Data	--	No Data
HERB-MCPP	93-65-2	mg/kg	--	No Data	--	No Data	--	No Data	--	No Data
METALS										
Metals-Barium	7440-39-3	mg/kg	10841	UCL	7203	UCL	138	UCL	162	UCL
Metals-Beryllium	7440-41-7	mg/kg	0.5350	UCL	0.5250	UCL	0.5000	UCL	0.5070	UCL
Metals-Cadmium	7440-43-9	mg/kg	13.1	UCL	4.71	UCL	1.83	UCL	1.54	UCL
Metals-Chromium	7440-47-3	mg/kg	151	UCL	91.3	UCL	107	UCL	67.3	UCL
Metals-Cobalt	7440-48-4	mg/kg	13.0	UCL	14.1	UCL	4.66	UCL	5.39	UCL
Metals-Copper	7440-50-8	mg/kg	89.0	UCL	51.4	UCL	72.2	UCL	28.1	UCL
Metals-Lead	7439-92-1	mg/kg	41.6	UCL	25.5	UCL	61.0	Max	61.0	Max
Metals-Manganese	7439-96-5	mg/kg	437	UCL	525	UCL	198	UCL	271	UCL
Metals-Mercury	7439-97-6	mg/kg	0.0769	UCL	0.0543	UCL	0.0538	UCL	0.0486	UCL
Metals-Molybdenum	7439-98-7	mg/kg	2.69	UCL	3.19	UCL	3.43	UCL	3.36	UCL
Metals-Nickel	7440-02-0	mg/kg	78.4	UCL	47.9	UCL	43.0	UCL	39.6	UCL
Metals-Selenium	7782-49-2	mg/kg	1.70	UCL	1.41	UCL	1.39	UCL	1.37	UCL
Metals-Thallium	7440-28-0	mg/kg	0.3650	UCL	0.3630	UCL	0.3670	UCL	0.3740	UCL
Metals-Tin	7440-31-5	mg/kg	51.7	UCL	50.1	UCL	50.2	UCL	50.4	UCL
Metals-Vanadium	7440-62-2	mg/kg	29.8	UCL	29.0	UCL	31.8	UCL	29.9	UCL
Metals-Zinc	7440-66-6	mg/kg	293	UCL	176	UCL	73.8	UCL	59.6	UCL
PAHs										
PAH-Acenaphthene	83-32-9	mg/kg	--	ND	0.0790	Max	0.7100	Max	0.7100	Max
PAH-Acenaphthylene	208-96-8	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	0.0061	UCL	0.0040	UCL
PAH-Anthracene	120-12-7	mg/kg	0.0033	UCL	0.0027	UCL	0.3300	Max	0.3300	Max

Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	RCRA Canyon Surface Soil_SS		RCRA Canyon Shallow Soil_SB		Roadway Surface Soil_SS		Roadway Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
PAH-Benzo(a)anthracene	56-55-3	mg/kg	--	ND	0.0100	Max	0.1900	Max	0.0137	UCL
PAH-Benzo(a)pyrene	50-32-8	mg/kg	0.0096	UCL	0.0066	UCL	0.0411	UCL	0.0261	UCL
PAH-Benzo(b)fluoranthene	205-99-2	mg/kg	0.0044	Max	0.0120	Max	0.0040	Max	0.0150	Max
PAH-Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0075	UCL	0.0059	UCL	0.0114	UCL	0.0080	UCL
PAH-Benzo(k)fluoranthene	207-08-9	mg/kg	0.0094	Max	0.0094	Max	0.0410	Max	0.0068	UCL
PAH-Chrysene	218-01-9	mg/kg	0.0039	UCL	0.0042	UCL	0.3900	UCL	0.1080	UCL
PAH-Fluoranthene	206-44-0	mg/kg	0.0024	Max	0.0026	UCL	0.0610	UCL	0.0357	UCL
PAH-Fluorene	86-73-7	mg/kg	--	ND	0.1000	Max	2.20	Max	0.2850	UCL
PAH-Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	0.0054	Max	0.0100	Max	0.0130	Max	0.0037	UCL
PAH-Naphthalene	91-20-3	mg/kg	0.0055	UCL	0.0046	UCL	1.20	Max	1.20	Max
PAH-Pyrene	129-00-0	mg/kg	0.0114	UCL	0.0069	UCL	0.1090	UCL	0.1010	UCL
PCBs										
PCB-Aroclor 1260	11096-82-5	mg/kg	0.0320	UCL	0.0288	UCL	1.50	Max	1.50	Max
PCB CONGENERS										
PCBConger-Sum of PCB Congeners	SUM-PCBC	pg/g	5882	UCL	4963	UCL	351480	Max since UCL>Max	351480	Max since UCL>Max
PCBConger-PCBC TEQ	SUM-PCBC	pg/g	1.46	UCL	1.11	UCL	27.1	Max since UCL>Max	27.1	Max since UCL>Max
PCBConger-Total Avian PCBC TEQ	SUM-PCBC	pg/g	4.57	UCL	3.65	UCL	396	Max since UCL>Max	396	Max since UCL>Max
PESTICIDES										
PEST-4,4'-DDD	72-54-8	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
PEST-4,4'-DDE	72-55-9	mg/kg	0.0021	UCL	0.0017	UCL	0.0011	Max	0.0011	Max
PEST-4,4'-DDT	50-29-3	mg/kg	0.0028	UCL	0.0025	UCL	0.0431	UCL	0.0224	UCL
PEST-Aldrin	309-00-2	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
PEST-alpha-BHC	319-84-6	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
PEST-Chlordane, gamma	12789-03-6	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
PEST-delta-BHC	319-86-8	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
PEST-Dieldrin	60-57-1	mg/kg	0.0037	Max	0.0037	Max	0.0150	Max	0.0150	Max
PEST-Endosulfan I	959-98-8	mg/kg	0.0019	UCL	0.0019	UCL	--	Not a Roadway COPC	--	Not a Roadway COPC
PEST-Endrin	72-20-8	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
PEST-Heptachlor epoxide	1024-57-3	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
PEST-Hexachlorobenzene	118-74-1	mg/kg	0.0025	Max	0.0025	Max	0.0065	Max	0.0065	Max
PEST-Methoxychlor	72-43-5	mg/kg	0.0071	Max	0.0012	UCL	0.0590	Max	0.0036	UCL
PEST-Mirex	2385-85-5	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
SVOCs										
SVOC-Benzoic acid	65-85-0	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
SVOC-Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	0.3400	Max	0.0952	UCL	2.00	Max	2.00	Max

Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	RCRA Canyon Surface Soil_SS		RCRA Canyon Shallow Soil_SB		Roadway Surface Soil_SS		Roadway Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
SVOC-Diethylphthalate	84-66-2	mg/kg	0.2100	Max	0.9100	Max	0.1900	Max	3.10	Max
SVOC-Di-n-butylphthalate	84-74-2	mg/kg	0.4300	Max	0.2180	UCL	--	Not a Roadway COPC	--	Not a Roadway COPC
SVOC-N-Nitrosodimethylamine	62-75-9	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
SVOC-N-Nitrosodipropylamine	621-64-7	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
SVOC-N-Nitrosomethylethylamine	10595-95-6	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
SVOC-N-Nitrosopyrrolidine	930-55-2	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
VOCs										
VOC-1,1,1-Trichloroethane	71-55-6	mg/kg	--	ND	--	ND	--	ND	--	ND
VOC-1,1-Dichloroethane	75-34-3	mg/kg	--	ND	0.0019	Max	--	ND	--	ND
VOC-1,1-Dichloroethylene	75-35-4	mg/kg	--	ND	--	ND	--	ND	--	ND
VOC-1,2-Dichloroethene	540-59-0	mg/kg	--	ND	0.0020	Max	--	ND	--	ND
VOC-Acetone	67-64-1	mg/kg	--	No Data	--	No Data	--	No Data	--	No Data
PPO-Acetonitrile	75-05-8	mg/kg	--	No Data	--	No Data	--	No Data	--	No Data
PPO-Acrolein	107-02-8	mg/kg	--	No Data	--	No Data	--	No Data	--	No Data
VOC-Benzene	71-43-2	mg/kg	0.0018	Max	0.0018	Max	--	ND	--	ND
VOC-Carbon disulfide	75-15-0	mg/kg	0.0116	UCL	0.0112	UCL	--	ND	--	ND
VOC-Chloroform	67-66-3	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC
VOC-Freon 113 (1,1,2-trichloro-1,2,2-trifluo	76-13-1	mg/kg	--	ND	--	ND	--	ND	--	ND
VOC-Isopropanol	67-63-0	mg/kg	--	No Data	--	No Data	--	No Data	--	No Data
VOC-Methyl ethyl ketone	78-93-3	mg/kg	--	No Data	--	No Data	--	No Data	--	No Data
VOC-Methylene chloride	75-09-2	mg/kg	0.0012	UCL	0.0012	UCL	--	ND	--	ND
VOC-Propanal	123-38-6	mg/kg	0.0710	Max	0.0710	Max	--	ND	--	ND
PPO-Tert-Butyl alcohol (TBA)	75-65-0	mg/kg	--	No Data	--	No Data	--	No Data	--	No Data
VOC-Tetrachloroethylene	127-18-4	mg/kg	--	ND	--	ND	--	ND	--	ND
VOC-Tetrahydrofuran	109-99-9	mg/kg	0.0018	UCL	0.0016	UCL	--	ND	--	ND
VOC-Toluene	108-88-3	mg/kg	--	ND	0.0026	Max	--	ND	--	ND
VOC-Trichloroethylene	79-01-6	mg/kg	--	ND	0.0130	Max	--	ND	--	ND
VOC-Vinyl chloride	75-01-4	mg/kg	--	Not a RCRA COPC	--	Not a RCRA COPC	--	Not a Roadway COPC	--	Not a Roadway COPC

Notes: Exposure point concentration (EPC); Chemical of Potential Concern (COPC); " -- " not applicable/not available

1: 95UCL calculated on COPCs with at least 8 samples and 5 detections

2: Maximum (MAX) detects used in place of 95UCL for COPCs not meeting criteria (1) above

3: Parameters with 100% nondetects have "ND" reported

4: Maximum of duplicate samples selected

5: SS and SB = soil depths 0 to 6 inches and 0 to to 5 ft bgs, respectively

Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	Remain Onsite Surface Soil_SS		Remain Onsite Shallow Soil_SB		West Canyon Spray Surface Soil_SS		West Canyon Spray Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
CYANIDE										
CYANIDE-Amenable Cyanide	A57-12-5	mg/kg	--	No Data	--	ND	--	No Data	--	No Data
CYANIDE-Total Cyanide	57-12-5	mg/kg	--	ND	0.6210	Max	--	No Data	--	No Data
DIOXIN										
DIOXIN-Total Avian Dioxin TEQ	URS-TEQ-04	pg/g	3.07	Max	2.48	UCL	5.31	Max	5.31	Max
DIOXIN-Total Fish Dioxin TEQ	URS-TEQ-06	pg/g	--	No Data	--	No Data	--	No Data	--	No Data
DIOXIN-Total TEQ	URS-TEQ-02	pg/g	2.58	Max	2.45	UCL	6.06	Max	6.06	Max
HERBICIDES										
HERB-2,4,5-TP (Silvex)	93-72-1	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	--	Not a WCS COPC	--	Not a WCS COPC
HERB-2,4-Dichlorophenoxybutyric acid (2,4-DB)	94-82-6	mg/kg	--	ND	--	ND	--	No Data	--	No Data
HERB-2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	--	Not a WCS COPC	--	Not a WCS COPC
HERB-Dalapon	75-99-0	mg/kg	0.0140	Max	0.0180	Max	--	No Data	--	No Data
HERB-MCPA	94-74-6	mg/kg	3.90	Max	4.90	Max	--	No Data	--	No Data
HERB-MCPP	93-65-2	mg/kg	--	ND	0.9200	Max	--	No Data	--	No Data
METALS										
Metals-Barium	7440-39-3	mg/kg	93.0	UCL	213	UCL	187	UCL	153	UCL
Metals-Beryllium	7440-41-7	mg/kg	0.5270	UCL	0.4960	UCL	0.5600	UCL	0.5270	UCL
Metals-Cadmium	7440-43-9	mg/kg	1.49	UCL	1.26	UCL	9.87	UCL	6.53	UCL
Metals-Chromium	7440-47-3	mg/kg	27.0	UCL	31.5	UCL	591	UCL	206	UCL
Metals-Cobalt	7440-48-4	mg/kg	6.55	UCL	5.82	UCL	54.7	UCL	32.0	UCL
Metals-Copper	7440-50-8	mg/kg	14.0	UCL	21.2	UCL	461	UCL	271	UCL
Metals-Lead	7439-92-1	mg/kg	11.4	UCL	10.4	UCL	24.6	UCL	18.1	UCL
Metals-Manganese	7439-96-5	mg/kg	239	UCL	217	UCL	353	UCL	255	UCL
Metals-Mercury	7439-97-6	mg/kg	0.0228	UCL	0.0247	UCL	0.0449	UCL	0.0343	UCL
Metals-Molybdenum	7439-98-7	mg/kg	4.01	UCL	3.20	UCL	3.31	UCL	3.77	UCL
Metals-Nickel	7440-02-0	mg/kg	35.8	UCL	32.5	UCL	131.2	UCL	92.2	UCL
Metals-Selenium	7782-49-2	mg/kg	1.32	UCL	1.42	UCL	1.41	UCL	1.36	UCL
Metals-Thallium	7440-28-0	mg/kg	0.7590	UCL	0.7940	UCL	0.3960	UCL	0.4870	UCL
Metals-Tin	7440-31-5	mg/kg	46.7	UCL	45.6	UCL	52.0	UCL	50.4	UCL
Metals-Vanadium	7440-62-2	mg/kg	29.9	UCL	27.8	UCL	32.2	UCL	30.6	UCL
Metals-Zinc	7440-66-6	mg/kg	51.9	UCL	49.6	UCL	240	UCL	158	UCL
PAHs										
PAH-Acenaphthene	83-32-9	mg/kg	0.0260	UCL	0.0113	UCL	--	ND	--	ND
PAH-Acenaphthylene	208-96-8	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	--	Not a WCS COPC	--	Not a WCS COPC
PAH-Anthracene	120-12-7	mg/kg	--	ND	0.0023	Max	--	ND	--	ND

Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	Remain Onsite Surface Soil_SS		Remain Onsite Shallow Soil_SB		West Canyon Spray Surface Soil_SS		West Canyon Spray Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
PAH-Benzo(a)anthracene	56-55-3	mg/kg	0.1200	Max	0.1200	Max	--	ND	--	ND
PAH-Benzo(a)pyrene	50-32-8	mg/kg	0.1750	UCL	0.0738	UCL	--	ND	0.0044	Max
PAH-Benzo(b)fluoranthene	205-99-2	mg/kg	0.0170	Max	0.0059	UCL	0.0043	Max	0.0043	Max
PAH-Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0076	Max	0.0076	Max	0.0079	Max	0.0140	Max
PAH-Benzo(k)fluoranthene	207-08-9	mg/kg	0.5500	Max	0.0690	UCL	--	ND	0.0059	Max
PAH-Chrysene	218-01-9	mg/kg	0.0163	UCL	0.0094	UCL	0.0054	Max	0.0054	Max
PAH-Fluoranthene	206-44-0	mg/kg	0.0170	Max	0.0040	UCL	--	ND	--	ND
PAH-Fluorene	86-73-7	mg/kg	0.0340	Max	0.0045	UCL	--	ND	--	ND
PAH-Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	0.0061	Max	0.0061	Max	0.0038	Max	0.0120	Max
PAH-Naphthalene	91-20-3	mg/kg	0.0110	Max	0.0056	UCL	0.0100	Max	0.0100	Max
PAH-Pyrene	129-00-0	mg/kg	0.0613	UCL	0.0597	UCL	0.0033	Max	0.0033	Max
PCBs										
PCB-Aroclor 1260	11096-82-5	mg/kg	0.6320	UCL	0.6310	UCL	0.0260	Max	0.0260	Max
PCB CONGENERS										
PCBConger-Sum of PCB Congeners	SUM-PCBC	pg/g	11895	Max	82105	Max	5238	Max	**4382**	UCL
PCBConger-PCBC TEQ	SUM-PCBC	pg/g	1.26	Max	16.4	Max	0.5150	Max	0.5150	Max since UCL>Max
PCBConger-Total Avian PCBC TEQ	SUM-PCBC	pg/g	4.97	Max	161	Max	3.17	Max	2.11	UCL
PESTICIDES										
PEST-4,4'-DDD	72-54-8	mg/kg	0.0120	Max	0.0067	UCL	--	Not a WCS COPC	--	Not a WCS COPC
PEST-4,4'-DDE	72-55-9	mg/kg	0.0310	Max	0.0310	Max	0.0020	Max	0.0020	Max
PEST-4,4'-DDT	50-29-3	mg/kg	0.0407	UCL	0.0471	UCL	0.0057	Max	0.0057	Max
PEST-Aldrin	309-00-2	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	--	Not a WCS COPC	--	Not a WCS COPC
PEST-alpha-BHC	319-84-6	mg/kg	0.0057	UCL	0.0035	UCL	--	Not a WCS COPC	--	Not a WCS COPC
PEST-Chlordane, gamma	12789-03-6	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	0.0045	Max	0.0045	Max
PEST-delta-BHC	319-86-8	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	0.0035	Max	0.0035	Max
PEST-Dieldrin	60-57-1	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	--	Not a WCS COPC	--	Not a WCS COPC
PEST-Endosulfan I	959-98-8	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	--	Not a WCS COPC	--	Not a WCS COPC
PEST-Endrin	72-20-8	mg/kg	0.0600	Max	0.0057	UCL	--	Not a WCS COPC	--	Not a WCS COPC
PEST-Heptachlor epoxide	1024-57-3	mg/kg	0.0690	Max	0.1100	Max	--	Not a WCS COPC	--	Not a WCS COPC
PEST-Hexachlorobenzene	118-74-1	mg/kg	0.0016	Max	0.0016	Max	--	ND	--	ND
PEST-Methoxychlor	72-43-5	mg/kg	0.0110	Max	0.0075	UCL	0.0024	Max	0.0024	Max
PEST-Mirex	2385-85-5	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	--	Not a WCS COPC	--	Not a WCS COPC
SVOCs										
SVOC-Benzoic acid	65-85-0	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	--	Not a WCS COPC	--	Not a WCS COPC
SVOC-Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	0.2600	Max	0.2600	Max	--	ND	--	ND

Table 7-2a
Summary of EPCs for Onsite Soil

Soil COPC	CAS_RN	Units	Remain Onsite Surface Soil_SS		Remain Onsite Shallow Soil_SB		West Canyon Spray Surface Soil_SS		West Canyon Spray Shallow Soil_SB	
			EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
SVOC-Diethylphthalate	84-66-2	mg/kg	0.2700	Max	0.2700	Max	2.00	Max	0.4710	UCL
SVOC-Di-n-butylphthalate	84-74-2	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	--	Not a WCS COPC	--	Not a WCS COPC
SVOC-N-Nitrosodimethylamine	62-75-9	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	--	Not a WCS COPC	--	Not a WCS COPC
SVOC-N-Nitrosodipropylamine	621-64-7	mg/kg	0.0540	Max	0.0620	Max	--	Not a WCS COPC	--	Not a WCS COPC
SVOC-N-Nitrosomethylethylamine	10595-95-6	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	--	Not a WCS COPC	--	Not a WCS COPC
SVOC-N-Nitrosopyrrolidine	930-55-2	mg/kg	1.30	Max	0.0864	UCL	--	Not a WCS COPC	--	Not a WCS COPC
VOCs										
VOC-1,1,1-Trichloroethane	71-55-6	mg/kg	--	ND	--	ND	--	ND	--	ND
VOC-1,1-Dichloroethane	75-34-3	mg/kg	--	ND	0.0014	Max	--	ND	--	ND
VOC-1,1-Dichloroethylene	75-35-4	mg/kg	--	ND	--	ND	--	ND	--	ND
VOC-1,2-Dichloroethene	540-59-0	mg/kg	--	ND	0.17	Max	--	ND	--	ND
VOC-Acetone	67-64-1	mg/kg	0.0420	Max	0.0558	UCL	--	No Data	--	No Data
PPO-Acetonitrile	75-05-8	mg/kg	--	ND	--	ND	--	No Data	--	No Data
PPO-Acrolein	107-02-8	mg/kg	--	ND	--	ND	--	No Data	--	No Data
VOC-Benzene	71-43-2	mg/kg	0.0021	UCL	0.0017	UCL	0.0018	Max	0.0018	Max
VOC-Carbon disulfide	75-15-0	mg/kg	0.0100	Max	0.0053	UCL	0.0440	Max	0.0162	UCL
VOC-Chloroform	67-66-3	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	--	Not a WCS COPC	--	Not a WCS COPC
VOC-Freon 113 (1,1,2-trichloro-1,2,2-trifluo	76-13-1	mg/kg	--	ND	0.0025	Max	0.0072	Max	0.0024	UCL
VOC-Isopropanol	67-63-0	mg/kg	0.0870	Max	0.0870	Max	--	No Data	--	No Data
VOC-Methyl ethyl ketone	78-93-3	mg/kg	0.0058	Max	0.0084	UCL	--	No Data	--	No Data
VOC-Methylene chloride	75-09-2	mg/kg	0.0065	Max	0.0065	Max	0.0012	Max	0.0015	Max
VOC-Propanal	123-38-6	mg/kg	0.0360	Max	0.3600	Max	0.2500	Max	0.2500	Max
PPO-Tert-Butyl alcohol (TBA)	75-65-0	mg/kg	--	ND	0.0360	Max	--	No Data	--	No Data
VOC-Tetrachloroethylene	127-18-4	mg/kg	--	ND	0.0740	Max	0.0029	Max	0.1000	Max
VOC-Tetrahydrofuran	109-99-9	mg/kg	--	ND	0.0031	Max	0.0039	UCL	0.0042	UCL
VOC-Toluene	108-88-3	mg/kg	0.0005	Max	0.0006	UCL	--	ND	--	ND
VOC-Trichloroethylene	79-01-6	mg/kg	--	ND	0.2500	Max	--	ND	--	ND
VOC-Vinyl chloride	75-01-4	mg/kg	--	Not a ROS COPC	--	Not a ROS COPC	--	Not a WCS COPC	--	Not a WCS COPC

Notes: Exposure point concentration (EPC); Chemical of Potential Concern (COPC); " -- " not applicable/not available

1: 95UCL calculated on COPCs with at least 8 samples and 5 detections

2: Maximum (MAX) detects used in place of 95UCL for COPCs not meeting criteria (1) above

3: Parameters with 100% nondetects have "ND" reported

4: Maximum of duplicate samples selected

5: SS and SB = soil depths 0 to 6 inches and 0 to to 5 ft bgs, respectively