

Table 1
697-16D
Soil Sample Summary

LABORATORY DATA SUMMARY																			
Sample ID	697-16D POR	697-16D WWALL	697-16D SWALL	697-16D BASE	697-16D E	697-16D NE	697-16D S BASE	697-16D ESE	697-16D SE	697-16D NEWALL	697-16D NWALL	697-16D NNWALL	697-16D NBOIT	697-16D BGN	697-16D BGE	697-16D BOW	697-16D BG W1	697-16D BG W7	COCC TABLE #16-1 CONCENTRATION LEVELS
Sample Depth	0-6"	16"	16"	16"	16"	10"	20"	16"	12"	12"	12"	12"	15"	18"	6"	18"	0-4"	2"	
Latitude	39.516532	39.516473	39.5163761	39.5164868	39.5164362	39.5163777	39.5163474	39.5163446	39.5163474	39.5163446	39.5163446	39.5163446	39.5163446	39.5163446	39.5163446	39.5163446	39.5163446	39.5163446	
Longitude	-108.222073	-108.222039	-108.2220302	-108.2220372	-108.2220357	-108.2220349	-108.222431	-108.2220372	-108.2220372	-108.2220372	-108.2220372	-108.222441	-108.223373	-108.222186	-108.222116	-108.222667	-108.222613	-108.222614	
Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	
Sample Description	Point of release - Surface	Excavation Wall	Excavation Wall	Excavation Base	Excavation Wall	Excavation Wall	Excavation Base	Excavation Wall	Excavation Wall	Excavation Wall	Excavation Wall	Excavation Wall	Excavation Wall	Excavation Base	Background	Background	Background	Background	
Sample Date	2/15/2022	3/14/2022	3/14/2022	3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/21/2022	3/21/2022	3/21/2022	3/21/2022	3/14/2022	3/14/2022	3/14/2022	3/21/2022	
Lab Report Number	L1461902	L1471151	L1471151	L1472337	L1472337	L1472337	L1472337	L1472337	L1472337	L1472572	L1474259	L1474259	L1474259	L1474259	L1471150	L1471150	L1471150	L1474266	
Analytical Parameters																			
TPH	5310	1.26	0.502	0.321	0.241	0.581	0.386	0.364	0.250 J3	6.87	0.561	0.709	0.450	NA	NA	NA	NA	NA	
TPH Gasoline Range Organics	5310	1.26	0.502	0.321	0.241	0.581	0.386	0.364	0.250 J3	6.87	0.561	0.709	0.450	NA	NA	NA	NA	NA	
TPH Diesel Range Organics [C10-C28]	2000	32.8	19.9 J	60.9 B	42.0 B J8	91.0 B	47.5	71.0	4.05	35.2	15.9	71.7	75.7	NA	NA	NA	NA	NA	
TPH Oil Range Organics [C25-C36]	294	158	94.7	270	169	389	214	346	16	58.2	35.0	153	196	NA	NA	NA	NA	NA	
TOTAL TPH	7564	192.06	115.102	331.221	231.241	460.581	261.866	417.364	20.300	100.270	51.461	225.409	272.150	NA	NA	NA	NA	NA	
BTEX																			
Benzene	5.75	0.000900 J	<0.000467	0.000495 J	<0.000467	0.00148	0.000525 J	0.000875 J	<0.000467	0.00171 B	0.000625 B J	0.000900 B J	0.000575 B J	NA	NA	NA	NA	NA	
Toluene	94	0.00633	0.00458 J	0.00282 J	0.00193 J	0.0261	0.00655	0.0212	<0.00130	0.0580	0.05520	0.00693	0.00623	NA	NA	NA	NA	NA	
Ethylbenzene	15.3	<0.000737	0.00200 J	<0.000737	<0.000737	0.00547	0.00232 J	0.00270	<0.000737	0.0217	0.00107	0.00193 J	0.00145 J	NA	NA	NA	NA	NA	
Total Xylenes	646.0	0.0231	0.0689	0.0171	0.00384 J	0.261	0.0664	0.0460	<0.000880	1.67	0.0567	0.0371	0.0364	NA	NA	NA	NA	NA	
TMB																			
1,2,4-Trimeethylbenzene	54.5	0.00473 J	0.0179	0.00275 J	<0.00158	0.0469	0.0137	0.00537	<0.00158	0.780	0.0114	0.00470 J	0.00313 J	NA	NA	NA	NA	NA	
1,3,5-Trimeethylbenzene	50.3	0.0154	0.0717	0.00681	<0.00200	0.156	0.0268	0.00788	<0.00200	0.718	0.177	0.217	0.146	NA	NA	NA	NA	NA	
Metals																			
Arsenic	15.9	29.8	20.9	12.9	26.2	17.9	18.8	25.6	21.8	17.7	14.9	13.9	9.39	15.3	14.70	16.3	16.6 J6 O1	21.9	
Barium	497	472	279	217	316	263	236	271	261	410	260	211	165	NA	NA	NA	NA	15,000	
Cadmium	0.249 J	0.554	0.473 J	0.398 J	0.372 J	0.396 J	0.357 J	0.363 J	0.431 J	0.289 J	0.320 J	0.374 J	0.439 J	NA	NA	NA	NA	71	
Chromium (Hexavalent)	<0.255	<0.255	<0.255	<0.255 J6 J8	<0.255	<0.255	<0.255	<0.255	<0.255	<0.255	<0.255	<0.255	<0.255	NA	NA	NA	NA	0.3	
Copper	23.9	26.7	23.7	19.2	25.5	20.7	18.6	26.0	25.2	26.1	25.6	25.0	26.6	NA	NA	NA	NA	3,100	
Lead	12.7	15.7	13.3	12.5	13.1	13.4	13.4	13.1	15.4	13.6	12.7	12.2	12.8	NA	NA	NA	NA	400	
Nickel	17.7	21.7	15.7	16.7	22	13.3	12.8	16.3	16.9	17.9	17.5	14.0	32.8	NA	NA	NA	NA	1,500	
Selenium	<0.764	<0.764	<0.764	1.30 J	1.89 J	1.64	1.41	<0.764	<0.764	<0.764	<0.764	<0.764	<0.764	NA	NA	NA	NA	390	
Silver	<0.127	<0.127	<0.127	<0.127	<0.127	<0.127	<0.127	<0.127	<0.127	<0.127	<0.127	<0.127	<0.127	NA	NA	NA	NA	390	
Zinc	98.1	48.8	50.0	54.4	52.1	44.2	44.1	48.4	52.5	52.5	44.8	41.7	65.8	NA	NA	NA	NA	23,000	
SAR Metals Analysis																			
Sodium Adsorption Ratio	46.7	0.878	0.596	0.343	0.321	0.760	1.04	0.998	0.768	0.353	0.465	0.450	NA	0.291	0.533	0.601	1.15	<6	
Polynuclear Aromatic Hydrocarbons																			
Acenaphthene	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	NA	NA	NA	NA	960	
Anthracene	0.0191	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209	NA	NA	NA	NA	1,800	
Benzo[a]anthracene	<0.00173	<0.00173	<0.00173	<0.00173	<0.00173	<0.00173	<0.00173	<0.00173	<0.00173	<0.00173	<0.00173	<0.00173	<0.00173	NA	NA	NA	NA	1.1	
Benzo[a]pyrene	<0.00179	<0.00179	<0.00179	<0.00179	<0.00179	<0.00179	<0.00179	<0.00179	<0.00179	<0.00179	<0.00179	<0.00179	<0.00179	NA	NA	NA	NA	0.11	
Benzo[b]fluoranthene	<0.00153	<0.00153	<0.00153	<0.00153	<0.00153	<0.00153	<0.00153	<0.00153	<0.00153	<0.00153	<0.00153	<0.00153	<0.00153	NA	NA	NA	NA	1.1	
Benzo[k]fluoranthene	<0.00215	<0.00215	<0.00215	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216	NA	NA	NA	NA	11	
Chrysene	0.00296 J	0.00674	<0.00232	<0.00233	<0.00233	<0.00233	<0.00233	<0.00232	<0.00232	<0.00232	<0.00232	<0.00232	<0.00232	NA	NA	NA	NA	110	
Dibenz[a,h]anthracene	<0.00172	<0.00172	<0.00172	<0.00174	<0.00174	<0.00174	<0.00174	<0.00172	<0.00172	<0.00172	<0.00172	<0.00172	<0.00172	NA	NA	NA	NA	110	
Fluoranthene	0.00363 J	<0.00227	<0.00227	<0.00227	<0.00227	<0.00227	<0.00227	<0.00227	<0.00227	<0.00227	<0.00227	<0.00227	<0.00227	NA	NA	NA	NA	240	
Fluorene	0.189 J3, J8	<0.00205	<0.00205	<0.00205	<0.00205	<0.00205	<0.00205	<0.00205	<0.00205	<0.00205	<0.00205	<0.00205	<0.00205	NA	NA	NA	NA	240	
Indeno[1,2,3-cd]pyrene	<0.00181	<0.00181	<0.00181	<0.00181	<0.00181	<0.00181	<0.00181	<0.00181	<0.00181	<0.00181	<0.00181	<0.00181	<0.00181	NA	NA	NA	NA	1.1	
1-Methylnaphthalene	2.26 J3, V	<0.00449	<0.00449	<0.00449	<0.00449	<0.00449	<0.00449	<0.00449	<0.00449	<0.00449	<0.00449	<0.00449	<0.00449	NA	NA	NA	NA	18	
2-Methylnaphthalene	6.07 J3, V	<0.00427	<0.00427	<0.00427	<0.00427	<0.00427	<0.00427	<0.00427	<0.00427	<0.00427	<0.00427	<0.00427	<0.00427	NA	NA	NA	NA	24	
Naphthalene	3.14 J V	<0.00468	<0.00468	0.00555 J	<0.00468	<0.00468	<0.00468	<0.00468	<0.00468	<0.00468	<0.00468	<0.00468	<0.00468	NA	NA	NA	NA	2	
Pyrene	0.00611	<0.00200	<0.00200	<0.00200	<0.00201	<0.00201	<0.00201	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	NA	NA	NA	NA	180	
General Chemistry																			
Boron	0.680	0.474	0.331	0.545	0.588	0.478	0.495	0.583	0.451	0.381	0.548	0.647	0.563	NA	NA	NA	NA	2	
Calcium	1,310	0.947	0.422	0.334	0.422	0.346	0.337	0.552	0.300	0.380	0.950	0.950	0.942	0.264	0.204	0.204	0.4	mg/L	
pH (1% CaCl2 - Normality post boiling time)	6.56	8.5	8.31	8.39	8.39	8.5	8.5	8.77	8.88	8.29	6.41	7.99	7.85	7.97	8.71	8.89	8.75	8.54	
Specific Conductivity (µmhos/cm at 25°C)	6.56	8.5	8.31	8.39	8.39	8.5	8.5	8.77	8.88	8.29	6.41	7.99	7.85	7.97	8.71	8.89	8.75	8.54	
Temperature (°C)	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	