Table 1
MC Hagood A9X Spill
Soil Data Summary

SAMPLE SUMMARY	
Location Description	MC Hagood A9X
Sample Type	Soil

LABORATORY DATA SUMMARY																		
Sample ID	MC Hagood A9X (ORIGIN)	MC HAGOOD A8-POR (ORIGIN)	MCHA9X-ORIGIN (ORIGIN)	MCHA9X-SS1	MCHA9X-SS1	MCHA9X-SS1	MCHA9X-SS2	MCHA9X-SS2	MCHA9X-SS2	MCHA9X-SS3	MCHA9X-BG1	HA8-BG1	HA8-BG2	ACMCL-26-BG	FALAR2-BG4	ECMC TABLE 915-1 CONCENTRATION LEVELS		
Depth	5.5'	6.5'	2-2.5'	0-6"	0-6"	2-2.5'	0-6"	0-6"	2-2.5'	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"			
Sample Date	12/21/2021	1/7/2025	3/5/2026	4/27/2022	7/19/2024	3/5/2026	4/27/2022	7/19/2024	3/5/2026	4/27/2022	4/27/2022	7/14/2020	4/23/2025	2/10/2011	1/28/2026			
Analytical Parameters																**Residential Soil Levels**	**Protection of Groundwater**	**UNITS**
TPH																		
TPH Gasoline Range Organics (C6-C10)	<7.0	0.161	NT	0.116	NT	NT	0.165	NT	NT	0.200	NT	NT	NT	NT	NT			
TPH Diesel Range Organics (C10-C36)	30 H	9.57	NT	38.0	NT	NT	24.9	NT	NT	18.2	NT	NT	NT	NT	NT	500		mg/kg
TPH Oil Range Organics (C28-C36)	NA	27	NT	108	NT	NT	99.6	NT	NT	78.8	NT	NT	NT	NT	NT			
Volatile Organic Compounds																		
1,2,4-Trimethylbenzene	<0.0060 H	<0.005	NT	<0.005	NT	NT	<0.005	NT	NT	<0.005	NT	NT	NT	NT	NT	30	0.0081	mg/kg
1,3,5-Trimethylbenzene	<0.0060 H	<0.005	NT	<0.005	NT	NT	<0.005	NT	NT	<0.005	NT	NT	NT	NT	NT	27	0.0087	mg/kg
Benzene	<0.0060 H	<0.001	NT	<0.001	NT	NT	<0.001	NT	NT	<0.001	NT	NT	NT	NT	NT	1.2	0.0026	mg/kg
Toluene	<0.0060 H	<0.005	NT	<0.005	NT	NT	<0.005	NT	NT	<0.005	NT	NT	NT	NT	NT	490	0.69	mg/kg
Ethylbenzene	<0.0060 H	<0.0025	NT	<0.0025	NT	NT	<0.0025	NT	NT	<0.0025	NT	NT	NT	NT	NT	5.8	0.78	mg/kg
Total Xylene	<0.0060 H	<0.0065	NT	<0.0065	NT	NT	<0.0065	NT	NT	<0.0065	NT	NT	NT	NT	NT	58	9.9	mg/kg
Metals																		
Arsenic	4.5	6.07	NT	4.28	NT	NT	4.23	NT	NT	4.79	5.32	2.7	NT	4.5	5.92	0.68	0.29	mg/kg
Barium	78	134	NT	208	NT	NT	280	NT	NT	202 J	81.0	60	NT	77.7	79.8	15,000	82	mg/kg
Cadmium	0.63	0.243 J	NT	0.305 J	NT	NT	0.0894 J	NT	NT	0.0870 J	0.154 J	0.16 J	NT	<1.3	0.163	71	0.38	mg/kg
Chromium, Hexavalent	<1.2 H	<1.00	NT	<1.00	NT	NT	<1.00	NT	NT	<1.00	<1.00	<1.1	NT	1.3	0.2	0.3	0.00067	mg/kg
Copper	9.5	11.5	NT	11.6	NT	NT	11.6	NT	NT	16.9	13.8	13	NT	9.7	<10.4	3,100	46	mg/kg
Lead	13	14.1	NT	16.3	NT	NT	17.0	NT	NT	17	16.5	13	NT	12.0	12.9	400	14	mg/kg
Nickel	13	14.8	NT	13.7	NT	NT	13.9	NT	NT	12.9	15.5	11	NT	9.9	14.5	1,500	26	mg/kg
Selenium	1.2	1.49 J	NT	<2.00	NT	NT	<2.00	NT	NT	<2.00	<2.00	0.80	NT	<6.3	0.705	390	0.26	mg/kg
Silver	0.079 J	<0.500	NT	<1.00	NT	NT	<1.00	NT	NT	<1.00	<1.00	<0.33	NT	<3.8	<0.519	390	0.8	mg/kg
Zinc	62	59.1	NT	47.1	NT	NT	46.3	NT	NT	64.2	61.6	48	NT	49.9	55.8	23,000	370	mg/kg
Soil Suitability for Reclamation																		
Sodium Adsorption Ratio (SAR)	11	7.08	4.16	22.8	2.73	8.92	22.9	2.79	0.826	2.03	1.16	0.092	17.0	8.00	6.54	<6	<6	ratio
Boron, Hot Water Soluble	2.3	0.941	0.136	0.942	NT	0.179	0.722	NT	<0.100	0.678	0.568	NT	NT	NT	NT	2	2	mg/kg-dry
Electrical Conductivity (EC)	11	5.89	4.34	9.79	0.557	5.580	1.540	NT	0.298	0.343	0.265	9.1	12.2	1.0	5.9	<4	<4	mmhos/cm
pH	8.93	7.89	7.91	7.89	NT	7.97	9.07	8.05	8.41	8.25	8.36	7.80	NT	9.72	8.13	6 - 8.3	6 - 8.3	su
Polynuclear Aromatic Hydrocarbons																		
1-Methylnaphthalene	<0.0049 H	<0.02	NT	<0.02	NT	NT	<0.02	NT	NT	<0.02	NT	NT	NT	NT	NT	18	0.006	mg/kg
2-Methylnaphthalene	<0.0049 H	<0.02	NT	<0.02	NT	NT	<0.02	NT	NT	<0.02	NT	NT	NT	NT	NT	24	0.019	mg/kg
Acenaphthene	<0.0049 H	<0.006	NT	<0.006	NT	NT	<0.006	NT	NT	<0.006	NT	NT	NT	NT	NT	360	0.55	mg/kg
Anthracene	<0.0049 H	<0.006	NT	<0.006	NT	NT	<0.006	NT	NT	<0.006	NT	NT	NT	NT	NT	1,800	5.8	mg/kg
Benzo(a)anthracene	<0.0049 H	<0.006	NT	<0.006	NT	NT	<0.006	NT	NT	<0.006	NT	NT	NT	NT	NT	1.1	0.011	mg/kg
Benzo(a)pyrene	<0.0049 H	<0.006	NT	<0.006	NT	NT	<0.006	NT	NT	<0.006	NT	NT	NT	NT	NT	0.11	0.24	mg/kg
Benzo(b)fluoranthene	<0.0049 H	<0.006	NT	<0.006	NT	NT	0.00233 J	NT	NT	<0.006	NT	NT	NT	NT	NT	1.1	0.3	mg/kg
Benzo(k)fluoranthene	<0.0049 H	<0.006	NT	<0.006	NT	NT	<0.006	NT	NT	<0.006	NT	NT	NT	NT	NT	11	2.9	mg/kg
Chrysene	<0.0049 H	<0.006	NT	<0.006	NT	NT	<0.006	NT	NT	<0.006	NT	NT	NT	NT	NT	110	9	mg/kg
Dibenzo(a,h)anthracene	<0.0049 H	<0.006	NT	<0.006	NT	NT	<0.006	NT	NT	<0.006	NT	NT	NT	NT	NT	0.11	0.096	mg/kg
Fluoranthene	<0.0049 H	0.00274 J	NT	0.00237 J	NT	NT	0.00358 J	NT	NT	<0.006	NT	NT	NT	NT	NT	240	8.9	mg/kg
Fluorene	<0.0049 H	<0.006	NT	<0.006	NT	NT	<0.006	NT	NT	<0.006	NT	NT	NT	NT	NT	240	0.54	mg/kg
Indeno(1,2,3-cd)pyrene	<0.0049 H	<0.006	NT	<0.00181	NT	NT	<0.006	NT	NT	<0.006	NT	NT	NT	NT	NT	1.1	0.98	mg/kg
Napthalene	<0.0049 H	<0.02	NT	<0.02	NT	NT	<0.02	NT	NT	<0.02	NT	NT	NT	NT	NT	2	0.0038	mg/kg
Pyrene	<0.0049 H	0.00228 J	NT	0.00306 J	NT	NT	0.00378 J	NT	NT	<0.006	NT	NT	NT	NT	NT	180	1.3	mg/kg

mg/kg - milligrams per kilogram
J - indicates an estimated value
H - analyzed outside of holding time
mmhos/cm - millimhos per centimeter
JE - the sample matrix interfered with the ability to make any accurate determination; spike value is low.
su - standard units
NA - not applicable
NT - parameter was not tested

Over ECMC Table 915-1 concentration levels but under *BACKGROUND* level.
Over ECMC Table 915-1 concentration levels and not within *BACKGROUND* level.
Over ECMC Table 915-1 concentration levels
Background Sample