

Table 1
Fee 122X Spill
Soil Data Summary

SAMPLE SUMMARY	
Location Description	Fee 122X
Sample Type	Soil

LABORATORY DATA SUMMARY										
Sample ID	FEE122X-SS1	FEE122X-SS1	FEE122X-SS1	FEE122X-BG1	FEE122X-BG1	COGCC TABLE 910-1 CONCENTRATION LEVELS	ECMC TABLE 915-1 CONCENTRATION LEVELS		UNITS	
Depth	0-6"	0-6"	0-6"	0-6"	0-6"		Residential Soil Levels	Protection of Groundwater		
Sample Date	5/7/2019	7/15/2021	7/18/2024	5/7/2019	7/15/2021					
Analytical Parameters										
TPH										
TPH Gasoline Range Organics	NT	<5.2 H	NT	NT	NT	500	500	500	mg/kg	
TPH Diesel Range Organics	NT	8.5 J	NT	NT	NT					
TPH Oil Range Organics	NT	NT	11.8	NT	NT					
BTEX										
Benzene	NT	<0.030 H	NT	NT	NT	0.17	1.2	0.0026	mg/kg	
Toluene	NT	<0.030 H	NT	NT	NT	85	490	0.69	mg/kg	
Ethylbenzene	NT	<0.030 H	NT	NT	NT	100	5.8	0.78	mg/kg	
Total Xylene	NT	<0.089 H	NT	NT	NT	175	58	9.9	mg/kg	
1,2,4-trimethylbenzene	NT	NT	<0.005	NT	NT	NA	30	0.0081	mg/kg	
1,3,5-trimethylbenzene	NT	NT	<0.005	NT	NT	NA	27	0.0087	mg/	
Metals										
Arsenic	NT	5.3	NT	NT	5.7	0.39	0.68	0.29	mg/kg	
Barium	NT	160	NT	NT	97	15,000	15,000	82	mg/kg	
Cadmium	NT	0.68	NT	NT	0.2	70	71	0.38	mg/kg	
Chromium	NT	9.2	NT	NT	9.9	NA	NA	NA	mg/kg	
Copper	NT	11	NT	NT	12	3,100	3,100	46	mg/kg	
Lead	NT	18	NT	NT	19	400	400	14	mg/kg	
Mercury	NT	0.042	NT	NT	0.046	23	NA	NA	mg/kg	
Nickel	NT	14	NT	NT	15	1,600	1,500	26	mg/kg	
Selenium	NT	1.1	NT	NT	1.4	390	390	0.26	mg/kg	
Silver	NT	0.063 J	NT	NT	0.077 J	390	390	0.8	mg/kg	
Zinc	NT	57	NT	NT	62	23,000	23,000	370	mg/kg	
SAR Metals Analysis										
Calcium	1000	840	NT	1900	NT	NA	NA	NA	mg/L	
Magnesium	600	400	NT	99	NT	NA	NA	NA	mg/L	
Sodium	5700	5600	NT	440	NT	NA	NA	NA	mg/L	
Sodium Adsorption Ratio	35	40	1.84	2.7	NT	<12	<6	<6	ratio	
Polynuclear Aromatic Hydrocarbons										
Acenaphthene	NT	<0.0041	NT	NT	NT	1,000	360	0.55	mg/kg	
Anthracene	NT	<0.0041	NT	NT	NT	1,000	1,800	5.8	mg/kg	
Benzo(a)anthracene	NT	<0.0041	NT	NT	NT	0.22	1.1	0.011	mg/kg	
Benzo(b)fluoranthene	NT	<0.0041	NT	NT	NT	0.22	1.1	0.3	mg/kg	
Benzo(k)fluoranthene	NT	<0.0041	NT	NT	NT	2.2	11.0	2.9	mg/kg	
Benzo(a)pyrene	NT	<0.0041	NT	NT	NT	0.022	0.11	0.24	mg/kg	
Chrysene	NT	<0.0041	NT	NT	NT	22	110	9	mg/kg	
Dibenzo(a,h)anthracene	NT	<0.0041	NT	NT	NT	0.022	0.11	0.096	mg/kg	
Fluoranthene	NT	<0.0041	NT	NT	NT	1,000	240	8.9	mg/kg	
Fluorene	NT	<0.0041	NT	NT	NT	1,000	240	0.54	mg/kg	
Indeno(1,2,3-cd)pyrene	NT	<0.0041	NT	NT	NT	0.22	1.1	0.98	mg/kg	
1-methylnaphthalene	NT	NT	<0.02	NT	NT	NA	18.00	0.006	mg/kg	
2-methylnaphthalene	NT	NT	<0.02	NT	NT	NA	24.00	0.019	mg/kg	
Napthalene	NT	<0.0041	NT	NT	NT	23	2	0.0038	mg/kg	
Pyrene	NT	<0.0041	NT	NT	NT	1,000	180	1.3	mg/kg	
General Chemistry										
Chromium, Hexavalent	NT	<1.0	<1.00	NT	<1.0	23	0.3	0.00067	mg/kg	
Chromium, Trivalent	NT	9.2	NT	NT	9.9	120,000	NA	NA	mg/kg	
Hot Water Soluble Boron	NT	NT	1.78	NT	NT	NA	2	2	mg/L	
Specific Conductivity	40	35	3.23	12	NT	<4 or 2 x the background	<4	<4	mmhos/cm	
pH	8.12	7.92	NT	8.05	NT	6-9	6-8.3	6-8.3	su	

mg/kg - milligrams per kilogram
mg/L - milligrams per liter
J - indicates an estimated value
H - analyzed outside of holding time
mmhos/cm - millimhos per centimeter
mv - millivolts
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