

Summit B8E Gathering Line  
Spill #480378  
Soil Data Summary

LABORATORY DATA SUMMARY												
Sample ID	Sample #1 North Wall	Sample #2 South Wall	Sample #3 East Wall	Sample #4 West Wall	Sample #5 Floor	Sample #5 Floor (AS Re-run 1)	Sample #5 Floor (AS Re-run 2)	Sample #6 Background	Sample #7 Background	COGCC TABLE 915-1 CONCENTRATION LEVELS		UNITS
Sample Depth	16'	14'	16'	16'	17.5'	17.5'	17.5'	6'	17.5'			
Latitude												
Longitude												
Report Number	4604 / 2108D59	4604 / 2108D59	4604 / 2108D59	4604 / 2108D59	4604 / 2108D59	2108D59-A	2108D59-B	4604 / 2108D59	4604 / 2108D59			
Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab			
Sample Description	Confirmation	Confirmation	Confirmation	Confirmation	Confirmation	Confirmation	Confirmation	Background	Background			
Sample Date	2021-08-16	2021-08-16	2021-08-16	2021-08-16	2021-08-16	2021-08-16	2021-08-16	2021-08-16	2021-08-16			
Analytical Parameters										Residential Soil Screening Level	Protection of Groundwater Screening Level	
TPH												
TPH Gasoline Range Organics	<50.0	<50.0	<50.0	<50.0	<50.0	NT	NT	<50.0	<50.0	500		mg/kg
TPH Diesel Range Organics [C10-C28]	<50.0	<50.0	<50.0	<50.0	<50.0	NT	NT	<50.0	<50.0			
TPH Oil Range Organics [C28-C36]	<50.0	<50.0	<50.0	<50.0	<50.0	NT	NT	<50.0	<50.0			
TOTAL TPH	<150.0	<150.0	<150.0	<150.0	<150.0	NT	NT	<150.0	<150.0			
BTEX												
Benzene	<0.050	<0.050	<0.050	<0.050	<0.050	NT	NT	<0.050	<0.050	1.2	0.0026	mg/kg
Toluene	<0.050	<0.050	<0.050	<0.050	<0.050	NT	NT	<0.050	<0.050	490	0.69	mg/kg
Ethylbenzene	<0.050	<0.050	<0.050	<0.050	<0.050	NT	NT	<0.050	<0.050	5.8	0.78	mg/kg
Total Xylenes	<0.050	<0.050	<0.050	0.094	0.096	NT	NT	<0.050	<0.050	58	9.9	mg/kg
TMB												
1,2,4-Trimethylbenzene	<0.050	<0.050	<0.050	0.062	<0.050	NT	NT	<0.050	<0.050	30	0.0081	mg/kg
1,3,5-Trimethylbenzene	<0.050	<0.050	<0.050	0.061	<0.050	NT	NT	<0.050	<0.050	27	0.0087	mg/kg
Metals												
Arsenic	8.0	6.8	12	6.0	37	7.7	5.9	6.7	6.9	0.68	0.29	mg/kg
Barium	19.5	21.1	21.6	28.5	17.2	NT	NT	33.2	32.0	15000	82	mg/kg
Cadmium	<1.0	<1.0	<1.0	<1.0	<1.0	NT	NT	<1.0	<1.0	71	0.38	mg/kg
Chromium (Hexavalent)	<0.30	<0.30	<0.30	<0.30	<0.30	NT	NT	<0.30	<0.30	0.3	0.00067	mg/kg
Copper	<1.0	<1.0	<1.0	<1.0	<1.0	NT	NT	3.11	1.47	3100	46	mg/kg
Lead	<1.0	<1.0	<1.0	<1.0	<1.0	NT	NT	3.84	1.93	400	14	mg/kg
Nickel	<1.0	<1.0	<1.0	1.19	3.33	NT	NT	3.56	2.91	1500	26	mg/kg
Selenium	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	<5.0	<5.0	390	0.26	mg/kg
Silver	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	<5.0	<5.0	390	0.8	mg/kg
Zinc	<1.0	<1.0	<1.0	<1.0	<1.0	NT	NT	8.17	4.63	23000	370	mg/kg
SAR Metals Analysis												
Sodium Adsorption Ratio	4.82	6.51	4.08	3.16	5.84	NT	NT	3.05	4.85	< 6		ratio
Polynuclear Aromatic Hydrocarbons												
Acenaphthene	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	<1.5	<1.5	360	0.55	mg/kg
Anthracene	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	<1.5	<1.5	1800	5.8	mg/kg
Benzo(a)anthracene	<1.0	<1.0	<1.0	<1.0	<1.0	NT	NT	<1.0	<1.0	1.1	0.011	mg/kg
Benzo(a)pyrene	<0.11	<0.11	<0.11	<0.11	<0.11	NT	NT	<0.11	<0.11	0.11	0.24	mg/kg
Benzo(b)fluoranthene	<1.0	<1.0	<1.0	<1.0	<1.0	NT	NT	<1.0	<1.0	1.1	0.3	mg/kg
Benzo(k)fluoranthene	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	<1.5	<1.5	11	2.9	mg/kg
Chrysene	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	<1.5	<1.5	110	9	mg/kg
Dibenzo(a,h)anthracene	<0.10	<0.10	<0.10	<0.10	<0.10	NT	NT	<0.10	<0.10	0.11	0.096	mg/kg
Fluoranthene	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	<1.5	<1.5	240	8.9	mg/kg
Fluorene	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	<1.5	<1.5	240	0.54	mg/kg
Indeno(1,2,3-cd)pyrene	<1.0	<1.0	<1.0	<1.0	<1.0	NT	NT	<1.0	<1.0	1.1	0.98	mg/kg
1-Methylnaphthalene	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	<1.5	<1.5	18	0.006	mg/kg
2-Methylnaphthalene	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	<1.5	<1.5	24	0.019	mg/kg
Napthalene	<1.0	<1.0	<1.0	<1.0	<1.0	NT	NT	<1.0	<1.0	2	0.0038	mg/kg
Pyrene	<1.5	<1.5	<1.5	<1.5	<1.5	NT	NT	<1.5	<1.5	180	1.3	mg/kg
General Chemistry												
Boron (Hot water Soluble)	<2.0	<2.0	<2.0	<2.0	<2.0	NT	NT	<2.0	<2.0	< 2		mg/L
Specific Conductivity	0.860	2.21	0.804	0.688	1.68	NT	NT	1.78	1.47	< 4		mmhos/cm
pH (*T8 Qualifier)	8.1	8.0	8.3	8.5	7.7	NT	NT	7.5	7.5	6-8.3		su

J - indicates an estimated value  
T8 - Samples received past/too close to holding time expiration  
NA - not applicable  
NT - parameter was not tested  
mg/kg - milligrams per kilogram  
mg/L - milligrams per liter  
mmhos/cm - millimhos per centimeter  
mv - millivolts  
su - standard units

Over COGCC Table 915-1 concentration levels but under BACKGROUND level.  
Over COGCC Table 915-1 concentration levels and not within BACKGROUND level.  
Over COGCC Table 915-1 concentration levels