

Table 1
HSC 3 P A
Soil Sample Summary

LABORATORY DATA SUMMARY											
Sample ID	HSC3-NBG	HSC3-SBG	HSC3 BGSE	HSC3 BGN	HSC 3 Wellhead Nwall	HSC 3 Tank	HSC 3 Separator	HSC Meter	COGCC TABLE 915-1 CONCENTRATION LEVELS		UNITS
Sample Depth	0-6"	0-6"	3'	4'	7-8'	6-10"	6-10"	6-10"			
Longitude	39.237206	39.236792	39.237128	39.237467	39.23917	39.239473	39.239284	39.2393664			
Latitude	-108.228576	-108.227509	-108.228029	-108.228538	-108.230353	-108.230606	-108.230407	-108.2302964			
Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab			
Sample Description	Background North	Background South	Background Southeast	Background North	Wellhead most likely impacted suspected by PID	Below tank - surface	Below separator - surface	Below meter - surface			
Sample Date	7/29/2021	7/29/2021	8/13/2021	8/13/2021	8/8/2022	8/8/2022	8/8/2022	8/8/2022	Residential Soil Screening Level	Protection of Groundwater	
Analytical Parameters											UNITS
TPH											
TPH Gasoline Range Organics	NA	NA	NT	NT	0.141	0.0584 J	0.0361 J	0.0648 J	500	mg/kg	
TPH Diesel Range Organics [C10-C28]	NA	NA	NT	NT	< 1.61	4.07	17.6	< 1.61			
TPH Oil Range Organics [C28-C36]	NA	NA	NT	NT	0.951 J	11.7	25.7	< 0.274			
TOTAL TPH	NA	NA	NT	NT	< 2.702	15.77	43.3361	1.9488			
BTEX											
Benzene	NA	NA	NT	NT	< 0.000467	< 0.000467	< 0.000467	< 0.000467	1.2	0.0026	mg/kg
Toluene	NA	NA	NT	NT	< 0.00130	< 0.00130	< 0.00130	< 0.00130	490	0.69	mg/kg
Ethylbenzene	NA	NA	NT	NT	< 0.000737	< 0.000737	< 0.000737	< 0.000737	5.8	0.78	mg/kg
Total Xylenes	NA	NA	NT	NT	< 0.000880	< 0.000880	< 0.000880	< 0.000880	58	9.9	mg/kg
TMB											
1,2,4-Trimethylbenzene	NA	NA	NT	NT	< 0.00158	< 0.00158	< 0.00158	< 0.00158	30	0.0081	mg/kg
1,3,5-Trimethylbenzene	NA	NA	NT	NT	< 0.00200	< 0.00200	< 0.00200	< 0.00200	27	0.0087	mg/kg
Metals											
Arsenic	4.3	3.02	NT	NT	2.33	3.42	2.02	2.96	0.68	0.29	mg/kg
Barium	NA	NA	NT	NT	239	145	149	151	15,000	82	mg/kg
Cadmium	NA	NA	NT	NT	0.228 J	0.145	0.137	0.127 J	71	0.38	mg/kg
Chromium (Hexavalent)	NA	NA	NT	NT	< 0.255	< 0.255	< 0.255	< 0.255	0.3	0.00067	mg/kg
Copper	NA	NA	NT	NT	10.8	8.85	7.52	8.04	3,100	46	mg/kg
Lead	NA	NA	NT	NT	10.2	8.97	8.67	9.23	400	14	mg/kg
Nickel	NA	NA	NT	NT	9.91	7.64	6.59	7.8	1,500	26	mg/kg
Selenium	NA	NA	NT	NT	< 0.764	< 0.764	< 0.764	< 0.764	390	0.26	mg/kg
Silver	NA	NA	NT	NT	< 0.127	< 0.127	< 0.127	< 0.127	390	0.8	mg/kg
Zinc	NA	NA	NT	NT	41.7	35.3	26.1	27.6	23,000	370	mg/kg
SAR Metals Analysis											
Sodium Adsorption Ratio	0.156	0.119	23	1.23	1.51	3.32	6.82	0.52	<6		ratio
Polynuclear Aromatic Hydrocarbons											
Acenaphthene	NA	NA	NT	NT	< 0.00209	< 0.00209	< 0.00209	< 0.00209	360	0.55	mg/kg
Anthracene	NA	NA	NT	NT	< 0.00230	< 0.00230	< 0.00230	< 0.00230	1,800	5.8	mg/kg
Benzo(a)anthracene	NA	NA	NT	NT	< 0.00173	< 0.00173	< 0.00173	< 0.00173	1.1	0.011	mg/kg
Benzo(a)pyrene	NA	NA	NT	NT	< 0.00179	< 0.00179	< 0.00179	< 0.00179	0.11	0.24	mg/kg
Benzo(b)fluoranthene	NA	NA	NT	NT	< 0.00153	< 0.00153	< 0.00153	< 0.00153	1.1	0.3	mg/kg
Benzo(k)fluoranthene	NA	NA	NT	NT	< 0.00215	< 0.00215	< 0.00215	< 0.00215	11	2.9	mg/kg
Chrysene	NA	NA	NT	NT	< 0.00232	< 0.00232	< 0.00232	< 0.00232	110	9	mg/kg
Dibenzo(a,h)anthracene	NA	NA	NT	NT	< 0.00172	< 0.00172	< 0.00172	< 0.00172	0.11	0.096	mg/kg
Fluoranthene	NA	NA	NT	NT	< 0.00227	< 0.00227	< 0.00227	< 0.00227	240	8.9	mg/kg
Fluorene	NA	NA	NT	NT	< 0.00205	< 0.00205	< 0.00205	< 0.00205	240	0.54	mg/kg
Indeno(1,2,3-cd)pyrene	NA	NA	NT	NT	< 0.00181	< 0.00181	< 0.00181	< 0.00181	1.1	0.98	mg/kg
1-Methylnaphthalene	NA	NA	NT	NT	< 0.00449	< 0.00449	< 0.00449	< 0.00449	18	0.006	mg/kg
2-Methylnaphthalene	NA	NA	NT	NT	< 0.00427	< 0.00427	< 0.00427	< 0.00427	24	0.019	mg/kg
Naphthalene	NA	NA	NT	NT	< 0.00408	< 0.00408	< 0.00408	< 0.00408	2	0.0038	mg/kg
Pyrene	NA	NA	NT	NT	< 0.00200	< 0.00200	0.00246 J	< 0.00200	180	1.3	mg/kg
General Chemistry											
Boron	NA	NA	NT	NT	0.4	0.295	0.36	0.488	2		mg/L
Specific Conductivity	0.297	0.212	2.240	0.251	2.880	0.852	0.642	0.231	<4		mmhos/cm
pH (*T8 Qualifier)	8.19	8.22	9.19	8.85	7.66	8.16	8.52	8.4	6-8.3		su

mg/kg - milligrams per kilogram
mg/L - milligrams per liter
J - indicates an estimated value
B - same analyte is found in associated blank
J6 - sample matrix interfered with the ability to make any accurate determination; spike value is low
mmhos/cm - millimhos per centimeter
mv - millivolts
su - standard units
NA - not applicable
NT - parameter was not tested
ND - not detected above method detection limit
T8 - Samples received past too close to holding time expiration

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