

Table 1
Hancock Gulch 1
Wellhead
Soil Sample Summary

LABORATORY DATA SUMMARY																
Sample ID	HG1-Well 5'	Base	SW Wall	SE Wall	NE Wall	NW Wall	HG1-BGNW	HG1-BGNE	HG1-BGS	BKGND-1	BKGND-2	BKGND-3	COGCC TABLE 915-1 CONCENTRATION LEVELS			
Sample Depth	5'	8'	7'	7'	7'	7'	0"-6"	0"-6"	0"-6"	15'	15'	14'				
Longitude	39.364577	39.3645949	39.3645893	39.3645889	39.3646079	39.3646098	39.3646864	39.365099	39.364169	39.364255	39.364488	39.364446				
Latitude	-108.388364	-108.388375	-108.388388	-108.388368	-108.388387	-108.388387	-108.389255	-108.388455	-108.388382	-108.388935	-108.389074	-108.388195				
Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab				
Sample Description	Wellhead	Well Head clearance bottom	Well Head clearance Southwest Wall	Wellhead clearance Southeast Wall	Wellhead clearance Northeast Wall	Wellhead clearance Northwest wall	Background Northwest	Background Northeast	Background South	Background	Background	Background				
Sample Date	6/10/2021	8/5/2021	8/5/2021	8/5/2021	8/5/2021	8/5/2021	6/10/2021	6/10/2021	6/10/2021	8/5/2021	8/5/2021	8/5/2021				
Analytical Parameters													Residential Soil Screening Level	Protection of Groundwater	UNITS	
TPH																
TPH Gasoline Range Organics	0.102	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	500		mg/kg	
TPH Diesel Range Organics	16.9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT				
TPH Oil Range Organics	20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT				
TOTAL TPH	37.002	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT				
BTEX																
Benzene	<0.000467	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.2	0.0026	mg/kg	
Toluene	0.00171 J	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	490	0.69	mg/kg	
Ethylbenzene	<0.000737	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.8	0.78	mg/kg	
Total Xylenes	<0.000880	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	58	9.9	mg/kg	
TMB																
1,2,4-Trimethylbenzene	<0.00158	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	30	0.0081	mg/kg	
1,3,5-Trimethylbenzene	<0.00200	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	27	0.0087	mg/kg	
Metals																
Arsenic	2.3	NT	NT	NT	NT	NT	NT	1.5	2.80	2.37	NT	NT	NT	0.68	0.29	mg/kg
Barium	472	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	15,000	82	mg/kg
Cadmium	1.48	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71	0.38	mg/kg
Chromium (Hexavalent)	0.273 J	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.3	0.00067	mg/kg
Copper	12.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3,100	46	mg/kg
Lead	43.2	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	400	14	mg/kg
Nickel	6.66	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1,500	26	mg/kg
Selenium	<0.764	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	390	0.26	mg/kg
Silver	<0.127	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	390	0.8	mg/kg
Zinc	149.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	23,000	370	mg/kg
SAR Metals Analysis																
Sodium Adsorption Ratio	1.58	NT	NT	NT	NT	NT	NT	0.0929	3.27	1.57	NT	NT	NT	<6	ratio	
Polynuclear Aromatic Hydrocarbons																
Acenaphthene	<0.00209	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	360	0.55	mg/kg
Anthracene	<0.00230	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1,800	5.8	mg/kg
Benzo(a)anthracene	<0.00173	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.1	0.011	mg/kg
Benzo(a)pyrene	<0.00179	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.11	0.24	mg/kg
Benzo(b)fluoranthene	<0.00153	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.1	0.3	mg/kg
Benzo(k)fluoranthene	<0.00215	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	11	2.9	mg/kg
Chrysene	<0.00232	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	9	mg/kg
Dibenzo(a,h)anthracene	<0.00172	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.11	0.096	mg/kg
Fluoranthene	<0.00227	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	240	8.9	mg/kg
Fluorene	<0.00205	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	240	0.54	mg/kg
Indeno(1,2,3-cd)pyrene	<0.00181	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.1	0.98	mg/kg
1-Methylnaphthalene	<0.00449	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	18	0.006	mg/kg
2-Methylnaphthalene	<0.00427	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	24	0.019	mg/kg
Naphthalene	<0.00408	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	0.0038	mg/kg
Pyrene	<0.00200	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	180	1.3	mg/kg
General Chemistry																
Boron	0.574	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2		mg/L	
Specific Conductivity	10.8	3.68	2.32	1.37	0.546	7.23	0.323	0.248	0.341	1.85	0.920	2.60	<4		mmhos/cm	
pH	7.41 T8	3.70	7.83	8.65 T8	8.93 T8	7.54 T8	7.70 T8	7.80 T8	8.01 T8	7.7 T8	9.06 T8	8.21 T8	6-8.3		su	

mg/kg - milligrams per kilogram
mg/L - milligrams per liter
J - indicates an estimated value
B - indicates same analyte is found in the associated blank
T8 - indicates sample received past too close to holding time expiration
methodion - milliliter per centimeter
mv - millivolts
su - standard units
U - Not detected at the Reporting Limit (or MDL where applicable)
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
V - The sample volume is too high to evaluate accurate spike recoveries

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.