

Table 1
Narrows HV Release
Soil Data Summary

SAMPLE SUMMARY	
Location Description	Narrows HV Release
Sample Type	Soil

LABORATORY DATA SUMMARY																	
Sample ID	NARROWS HV-SS1	NARROWS HV-SS1	Narrows HV-SS1	NARROWS HV-SS2	NARROWS HV-SS2	Narrows HV-SS2	Narrows HV-SS2	NARROWS HV-SS3	NARROWS HV-SS3	Narrows HV-SS3	Narrows HV-SS3	NARROWS HV-SS4	Narrows HV-SS4	NARROWS HV-BG1	COGCC TABLE 910-1 CONCENTRATION LEVELS	UNITS	
Depth	0-1 ft.	2-2.5 ft.	3-3.5 ft.	0-1 ft.	1-1.5 ft.	2-2.5 ft.	3-3.5 ft.	0-1 ft.	1-1.5 ft.	2-2.5 ft.	3-3.5 ft.	0-1 ft.	3-3.5 ft.	0-1 ft.			
Sample Date	5/17/2018	6/22/2018	7/5/2018	5/17/2018	6/22/2018	7/5/2018	7/19/2018	5/17/2018	6/22/2018	7/5/2018	7/19/2018	5/17/2018	7/19/2018	5/17/2018			
Analytical Parameters																	
TPH																	
TPH Gasoline Range Organics	22	<3.1	NT	NT	NT	NT	NT	<3.1	NT	NT	NT	NT	NT	NT	500	mg/kg	
TPH Diesel Range Organics	660	7.4		NT	NT	NT	NT	27	NT	NT	NT	NT	NT	NT			
BTEX																	
Benzene	<0.0095	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.17	mg/kg	
Toluene	<0.015	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	85	mg/kg	
Ethylbenzene	<0.012	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	100	mg/kg	
Total Xylene	<0.048	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	175	mg/kg	
Metals																	
Arsenic	1.6	NT	NT	NT	NT	NT	NT	2.3	NT	NT	NT	NT	NT	1.9	0.39	mg/kg	
Barium	330	NT	NT	NT	NT	NT	NT	350	NT	NT	NT	NT	NT	200	15,000	mg/kg	
Cadmium	<0.053	NT	NT	NT	NT	NT	NT	1.6	NT	NT	NT	NT	NT	<0.043	70	mg/kg	
Chromium	6.4	NT	NT	NT	NT	NT	NT	5.1	NT	NT	NT	NT	NT	4.5	NA	mg/kg	
Copper	20.0	NT	NT	NT	NT	NT	NT	14	NT	NT	NT	NT	NT	18	3,100	mg/kg	
Lead	7.4	NT	NT	NT	NT	NT	NT	11	NT	NT	NT	NT	NT	8.2	400	mg/kg	
Mercury	0.032	NT	NT	NT	NT	NT	NT	0.0068	NT	NT	NT	NT	NT	0.013 J	23	mg/kg	
Nickel	4.5	NT	NT	NT	NT	NT	NT	14	NT	NT	NT	NT	NT	3.8	1,600	mg/kg	
Selenium	4.3	NT	NT	NT	NT	NT	NT	4.5	NT	NT	NT	NT	NT	3.5	390	mg/kg	
Silver	<0.069	NT	NT	NT	NT	NT	NT	<0.058	NT	NT	NT	NT	NT	<0.056	390	mg/kg	
Zinc	55	NT	NT	NT	NT	NT	NT	56	NT	NT	NT	NT	NT	52	23,000	mg/kg	
SAR Metals Analysis																	
Calcium	6200	800	5600	7100	7300	5100	NT	2900	NT	NT	NT	7300	NT	250	NA	mg/L	
Magnesium	330	65	370	600	610	570	NT	350	NT	NT	NT	650	NT	37	NA	mg/L	
Sodium	13000	2500	2500	4400	5400	1900	NT	1000	NT	NT	NT	3400	NT	22	NA	mg/L	
Sodium Adsorption Ratio	42	23	9	13	16	6.6	NT	4.7	NT	NT	NT	10	NT	0.34	<12	ratio	
Polynuclear Aromatic Hydrocarbons																	
Acenaphthene	<0.0042	NT	NT	NT	NT	NT	NT	<0.0036	NT	NT	NT	NT	NT	NT	1.000	mg/kg	
Anthracene	<0.0022	NT	NT	NT	NT	NT	NT	<0.0018	NT	NT	NT	NT	NT	NT	1.000	mg/kg	
Benzo(a)anthracene	<0.0037	NT	NT	NT	NT	NT	NT	<0.0031	NT	NT	NT	NT	NT	NT	0.22	mg/kg	
Benzo(a)pyrene	<0.0015	NT	NT	NT	NT	NT	NT	<0.0013	NT	NT	NT	NT	NT	NT	0.022	mg/kg	
Benzo(b)fluoranthene	<0.0023	NT	NT	NT	NT	NT	NT	<0.0019	NT	NT	NT	NT	NT	NT	0.22	mg/kg	
Benzo(k)fluoranthene	<0.0031	NT	NT	NT	NT	NT	NT	<0.0026	NT	NT	NT	NT	NT	NT	2.2	mg/kg	
Chrysene	<0.0023	NT	NT	NT	NT	NT	NT	<0.0019	NT	NT	NT	NT	NT	NT	22	mg/kg	
Dibenz(a,h)anthracene	<0.0019	NT	NT	NT	NT	NT	NT	<0.0016	NT	NT	NT	NT	NT	NT	0.022	mg/kg	
Fluoranthene	<0.0017	NT	NT	NT	NT	NT	NT	<0.0015	NT	NT	NT	NT	NT	NT	1.000	mg/kg	
Fluorene	<0.0019	NT	NT	NT	NT	NT	NT	<0.0016	NT	NT	NT	NT	NT	NT	1.000	mg/kg	
Indeno(1,2,3-cd)pyrene	<0.0018	NT	NT	NT	NT	NT	NT	<0.0015	NT	NT	NT	NT	NT	NT	0.22	mg/kg	
Naphthalene	0.011	NT	NT	NT	NT	NT	NT	<0.0095	NT	NT	NT	NT	NT	NT	23	mg/kg	
Pyrene	<0.0022	NT	NT	NT	NT	NT	NT	<0.0018	NT	NT	NT	NT	NT	NT	1.000	mg/kg	
General Chemistry																	
Chromium, Hexavalent	<0.44	NT	NT	NT	NT	NT	NT	<0.37	NT	NT	NT	NT	NT	NT	<0.43	23	mg/kg
Chromium, Trivalent	6.4	NT	NT	NT	NT	NT	NT	5.1	NT	NT	NT	NT	NT	NT	5	120,000	mg/kg
Specific Conductivity	94	NT	38	70	65	38	8.5	27	65	16	1.4	66	3.2	1.9	<4 or 2 x the background	mmhos/cm	
pH	6.81	NT	NT	NT	NT	NT	NT	5.43	4.28	6.18	NT	NT	NT	NT	7.13	6-9	su

mg/kg - milligrams per kilogram
mg/L - milligrams per liter
J - indicates an estimated value
nro - not reported
no - not detected
NA - not applicable
NT - parameter was not tested

Over COGCC Table 910-1 concentration levels but under BACKGROUND level

Over COGCC Table 910-1 concentration levels and not within BACKGROUND level

Over COGCC Table 910-1 concentration levels