

Table 1  
HDU 9-41 Legacy Spill  
Soil Sample Summary

LABORATORY DATA SUMMARY			
Sample ID	HDU 9-41 SS1	COGCC TABLE 910-1 CONCENTRATION LEVELS	UNITS
Sample Description	0-12"		
Longitude N			
Latitude W			
Sample Type	Grab		
Sample Date	9/20/2018		
Analytical Parameters			
TPH			
TPH Gasoline Range Organics	0.238	500	mg/kg
TPH Diesel Range Organics	1690		
BTEX			
Benzene	0.00164	0.17	mg/kg
Toluene	ND	85	mg/kg
Ethylbenzene	0.000707	100	mg/kg
Total Xylene	0.00525	175	mg/kg
Metals			
Arsenic	ND	0.39	mg/kg
Barium	26000	15,000	mg/kg
Cadmium	ND	70	mg/kg
Chromium	13.1	NA	mg/kg
Copper	24.7	3,100	mg/kg
Lead	12.20	400	mg/kg
Mercury	0.0903	23	mg/kg
Nickel	15.5	1,600	mg/kg
Selenium	ND	390	mg/kg
Silver	ND	390	mg/kg
Zinc	51.4	23,000	mg/kg
SAR Metals Analysis			
Sodium Adsorption Ratio	35.2	<12	ratio
Polynuclear Aromatic Hyrdrocarbons			
Acenaphthene	ND	1,000	mg/kg
Anthracene	ND	1,000	mg/kg
Benzo(a)anthracene	ND	0.22	mg/kg
Benzo(a)pyrene	ND	0.022	mg/kg
Benzo(b)fluoranthene	ND	0.22	mg/kg
Benzo(k)fluoranthene	ND	2.2	mg/kg
Chrysene	ND	22	mg/kg
Dibenzo(a,h)anthracene	ND	0.022	mg/kg
Fluoranthene	ND	1,000	mg/kg
Fluorene	ND	1,000	mg/kg
Indeno(1,2,3-cd)pyrene	ND	0.22	mg/kg
Napthalene	ND	23	mg/kg
Pyrene	ND	1,000	mg/kg
General Chemistry			
Chromium, Hexavalent	ND	23	mg/kg
Chromium, Trivalent	13.1	120,000	mg/kg
Specific Conductivity	3.820	<4 or 2 x the background	mmhos/cm
pH		6-9	su