

Table 1
604-12-13 Spill Response
Soil Sample Summary

LABORATORY DATA SUMMARY				
Sample ID	12-13 SS1	12-13 SS2	COGCC TABLE 910-1 CONCENTRATION LEVELS	UNITS
Sample Depth	0-6"	0-6"		
Longitude N	39.55342	39.55322		
Latitude W	-108.23384	-108.23361		
Sample Type	Grab	Grab		
Sample Description	Approximate origin	Approximate Terminal		
Analytical Parameters				
TPH				
TPH Gasoline Range Organics	0.144	0.159	500	mg/kg
TPH Diesel Range Organics	90.6	248		
BTEX				
Benzene	0.00241	0.00194	0.17	mg/kg
Toluene	0.00549	0.00516	85	mg/kg
Ethylbenzene	0.00146	0.0021	100	mg/kg
Total Xylene	0.00383	0.00327	175	mg/kg
Metals				
Arsenic	2.09	4.22	0.39	mg/kg
Barium	609	773	15,000	mg/kg
Cadmium	0.679	ND	70	mg/kg
Chromium	14.0	14.3	NA	mg/kg
Copper	9.65	20.1	3,100	mg/kg
Lead	7.50	9.18	400	mg/kg
Mercury	0.0202	0.0253	23	mg/kg
Nickel	10.3	11.7	1,600	mg/kg
Selenium	ND	ND	390	mg/kg
Silver	ND	ND	390	mg/kg
Zinc	28.7	43.5	23,000	mg/kg
SAR Metals Analysis				
Sodium Adsorption Ratio	34.3	18.9	<12	ratio
Polynuclear Aromatic Hydrocarbons				
Acenaphthene	ND	ND	1,000	mg/kg
Anthracene	ND	0.00912	1,000	mg/kg
Benzo(a)anthracene	ND	ND	0.22	mg/kg
Benzo(a)pyrene	ND	ND	0.022	mg/kg
Benzo(b)fluoranthene	ND	ND	0.22	mg/kg
Benzo(k)fluoranthene	ND	ND	2.2	mg/kg
Chrysene	ND	ND	22	mg/kg
Dibenzo(a,h)anthracene	ND	ND	0.022	mg/kg
Fluoranthene	0.00924	0.00815	1,000	mg/kg
Fluorene	0.0156	0.0138	1,000	mg/kg
Indeno(1,2,3-cd)pyrene	ND	ND	0.22	mg/kg
Napthalene	0.0235	0.0408	23	mg/kg
Pyrene	0.0185	0.039	1,000	mg/kg
General Chemistry				
Chromium, Hexavalent	ND	ND	23	mg/kg
Chromium, Trivalent	14.0	14.3	120,000	mg/kg
Specific Conductivity	1.85	1.59	<4 or 2 x the background	mmhos/cm
pH	9.28	9.20	6-9	su