

Table 1		Sample Locations			
697-03-07 Spill Surficial Soil Sampling Laboratory Results	Lab Sample ID #	L1030949-01	L1030949-02	L1030949-03	L1030949-04
	Sample Name	SW:0-1"	SM:2-8"	SSE:1-18"	SNE:0-1.5"
	Sample Depth	0-1"	2-8"	1-18"	0-1.5"
	Sample Date	09/28/2018	09/28/2018	09/28/2018	09/28/2018
<i>Organics in Soil</i>		MCL (mg/Kg)			
Total Petroleum Hydrocarbons	500 mg/kg	4862.6	134.2	<8.6	358.2
Total Petroleum Hydrocarbons - GRO		4860	134	8.5	358
Total Petroleum Hydrocarbons - DRO		2.64	0.192	<0.1	0.197
Benzene	0.17 mg/kg	0.003	0.003	0.002	0.003
Toluene	85 mg/kg	0.020	0.006	<0.005	0.007
Ethylbenzene	100 mg/kg	0.012	0.002	0.001	0.002
Xylenes	175 mg/kg	0.268	0.005	<0.0015	0.004
<i>Metals in Soils</i>					
Arsenic **	0.39/5.1** mg/kg			4.07	
Barium	15000 mg/kg			315	
Cadmium	70 mg/kg			<0.5	
Chromium (III)	120000 mg/kg			36.3	
Copper	3100 mg/kg			15.7	
Lead	400 mg/kg			9.74	
Mercury	23 mg/kg			<0.02	
Nickel	1600 mg/kg			22.3	
Selenium	390 mg/kg			<2.0	
Silver	390 mg/kg			<1.0	
Zinc	23000 mg/kg			46.3	
<i>SAR Analysis</i>					
Sodium Adsorption Ratio	<12			13.3	
<i>Organics in Soil (Poly-cyclic Aromatic Hydrocarbons)</i>					
Anthracene	1000 mg/kg			<0.006	
Acenaphthene	1000 mg/kg			<0.006	
Benzo(A)anthracene	0.22 mg/kg			<0.006	
Benzo(A)pyrene	0.022 mg/kg			<0.006	
Benzo(B)fluoranthene	0.22 mg/kg			<0.006	
Benzo(K)fluoranthene	2.2 mg/kg			<0.006	
Chrysene	22 mg/kg			<0.006	
Dibenzo(A,H)anthracene	0.022 mg/kg			<0.006	
Fluoranthene	1000 mg/kg			<0.006	
Flourene	1000 mg/kg			<0.006	
Indeno(1,2,3,C,D)pyrene	0.22 mg/kg			<0.006	
Napthalene	23 mg/kg			<0.02	
Pyrene	1000 mg/kg			<0.006	
<i>Inorganics in Soil</i>					
Chromium (VI)	23 mg/kg			<2.0	
Chromium (III)	120000 mg/kg			36.3	
Electrical Conductivity	<4 mmhos/cm			1.78	
pH	6-9 su			8.11	

Exceeds COGCC Table 910-1 Concentration, but within Background Concentraion

Exceeds COGCC Table 910-1 Concentration

GRO = gasoline range organics

DRO = diesel range organics

mmhos/cm = millimhos per centimeter

\*\*Background sample of 5.1 mg/kg at 604-44, Sample identification L522831; BG-North 13", 6/22/2011

mg/kg - milligrams per kilogram

mmhos/cm - millimhos per centimeter

su - standard units