Table 910-1		**VAULT PIT**	9/28/2017		
CONCENTRATION LEVELS					
Contaminant of Concern	**Concentrations**	**Units**	**Vault Pit Bottom Center**	**Vault Pit Bottom North**	**Vault Pit East Wall**
Organic Compounds in Soil					
TPH (Gasoline Range Organics)	500	mg/kg	415.00	18.00	218.00
TPH (Diesel Range Organics)	500	mg/kg	ND	ND	ND
Benzene	0.17	mg/kg	ND	ND	ND
Toluene	85	mg/kg	ND	ND	ND
Ethylbenzene	100	mg/kg	ND	ND	ND
Xylenes (total)	175	mg/kg	ND	ND	ND
Acenaphthene	1000	mg/kg	ND	ND	ND
Anthracene	1000	mg/kg	ND	ND	ND
Benzo(A)anthracene	0.22	mg/kg	ND	ND	ND
Benzo(B)fluoranthene	0.22	mg/kg	0.01	ND	ND
Benzo(K)fluoranthene	2.2	mg/kg	ND	ND	ND
Benzo(A)pyrene	0.022	mg/kg	0.06	ND	ND
Chrysene	22	mg/kg	ND	ND	ND
Dibenzo(A,H)anthracene	0.022	mg/kg	ND	ND	ND
Fluoranthene	1000	mg/kg	ND	ND	ND
Fluorene	1000	mg/kg	ND	ND	ND
Indeno(1,2,3,C,D)pyrene	0.22	mg/kg	ND	ND	ND
Napthalene	23	mg/kg	ND	ND	ND
Pyrene	1000	mg/kg	ND	ND	ND
Organic Compounds in Ground Water					
Benzene	5	µg/l	ND	ND	ND
Toluene	560 to 1000	µg/l	ND	ND	ND
Ethylbenzene	700	µg/l	ND	ND	ND
Xylenes (total)	1400 to 10,000	µg/l	ND	ND	ND
Inorganics in Soils					
Electrical Conductivity (EC)	<4000 or 2x background	umhos/cm	163.00	259.00	384.00
Sodium Adsorption Ratio (SAR)	<12	NA	3.91	5.03	5.51
pH	6.0-9.0	NA	7.59	9.86	7.60
Inorganics in Ground Water					
Total Dissolved Solids (TDS)	<1.25 x background	NA	NA	NA	NA
Chlorides	<1.25 x background	NA	NA	NA	NA
Sulfates	<1.25 x background	NA	NA	NA	NA
Metals in Soils					
Arsenic	0.39	mg/kg	ND	ND	ND
Barium Total	15,000	mg/kg	41.50	44.20	48.80
Boron		mg/kg	ND	ND	ND
Boron (Hot Water Soluble)	2	mg/L	ND	ND	ND
Cadmium	70	mg/kg	ND	ND	ND
Chromium (III)	120,000	mg/kg	2.91	3.17	3.28
Chromium (VI)	23	mg/kg	ND	ND	ND
Copper	3,100	mg/kg	2.20	2.07	2.24
Lead	400	mg/kg	2.87	2.72	3.51
Mercury	23	mg/kg	ND	ND	ND
Nickel	1,600	mg/kg	2.51	2.29	2.70
Selenium	390	mg/kg	ND	ND	ND
Silver	390	mg/kg	ND	ND	ND
Zinc	23,000	mg/kg	14.00	12.90	15.80
Chromium		mg/kg	2.91	3.17	3.28
Liquid Hydrocarbons in Soils and Ground Water					
Liquid hydrocarbons including condensate and oil	Below detection level	NA	NA	NA	NA