

Table 910-1

STANDBY PIT

9/28/2017

CONCENTRATION LEVELS					
Contaminant of Concern	Concentrations	Units	Standby Pit Bottom South	Standby Pit Bottom North	Standby Pit East Wall
Organic Compounds in Soil					
TPH (Gasoline Range Organics)	500	mg/kg	ND	16.80	91.60
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	ND	ND	ND
Benzo(K)fluoranthene	2.2	mg/kg	ND	ND	ND
Benzo(A)pyrene	0.022	mg/kg	ND	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
Naphthalene	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	636.00	527.00	825.00
Sodium Adsorption Ratio (SAR)	<12	NA	7.11	6.92	19.90
pH	6.0-9.0	NA	8.53	8.51	9.62
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	3.38	ND	ND
Barium Total	15,000	mg/kg	48.90	53.60	56.00
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	2.64	4.89	3.90
Chromium (VI)	23	mg/kg	ND	ND	ND
Copper	3,100	mg/kg	ND	3.73	3.20
Lead	400	mg/kg	6.51	3.66	4.68
Mercury	23	mg/kg	ND	ND	ND
Nickel	1,600	mg/kg	2.08	3.60	3.41
Selenium	390	mg/kg	ND	ND	ND
Silver	390	mg/kg	ND	ND	ND
Zinc	23,000	mg/kg	15.60	ND	17.60
Chromium		mg/kg	2.64	4.89	3.90
Liquid Hydrocarbons in Soils and Ground Water					
Liquid hydrocarbons including condensate and oil	Below detection level	NA	NA	NA	NA