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Project 8540  
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Table 910-1								
CONCENTRATION LEVELS								
Contaminant of Concern	Concentrations	bottom of pit	top of pit	Native north	Native east	Native south	native west	
<b>Organic Compounds in Soil</b>								
TPH (total volatile & extractable petroleum hydrocarbons)	500mg/kg	96 mg/kg						
Benzene	0.17 mg/kg	ND						
Toluene	85 mg/kg	ND						
Ethylbenzene	100mg/kg	ND						
Xylenes (total)	175 mg/kg	ND						
Acenaphthene	1000 mg/kg							
Anthracene	1000 mg/kg							
Benzo(A)anthracene	0.22 mg/kg							
Benzo(B)fluoranthene	0.22 mg/kg							
Benzo(K)fluoranthene	2.2 mg/kg							
Benzo(A)pyrene	0.022 mg/kg							
Chrysene	22 mg/kg							
Dibenzo(A,H)anthracene	0.022 mg/kg							
Fluoranthene	1000 mg/kg							
Fluorene	1000 mg/kg							
Indeno(1,2,3,C,D)pyrene	0.22 mg/kg							
Napthalene	23 mg/kg							
Pyrene	1000 mg/kg							
<b>Organic Compounds in Ground Water</b>								
Benzene	5 µg/l							
Toluene	560 to 1000 µg/l							
Ethylbenzene	700 µg/l							
Xylenes (total)	1400 to 10,000 µg/l							
<b>Inorganics in Soils</b>								
Electrical Conductivity (EC)	<4000 umhos/cm or 2x background	2300 umhos/cm	1100 umhos/cm					
Sodium Adsorption Ratio (SAR)	<12	11	2.30					
pH	6.0-9.0	8.40	8.44					
<b>Inorganics in Ground Water</b>								
Total Dissolved Solids (TDS)	<1.25 x background							
Chlorides	<1.25 x background							
Sulfates	<1.25 x background							
<b>Metals in Soils</b>								
Arsenic	0.39 mg/kg	2.4 mg/kg	2.2 mg/kg	1.8 mg/kg	2.7 mg/kg	2.5 mg/kg	4.3 mg/kg	
Barium Total	15,000 mg/kg	160 mg/kg						
Boron (Hot Water Soluble)	2 mg/l	ND						
Cadmium	70 mg/kg	ND						
Chromium (III)	120,000 mg/kg	16 mg/kg						
Chromium (VI)	23 mg/kg	ND						
Copper	3,100 mg/kg	19 mg/kg						
Lead (inorganic)	400 mg/kg	11 mg/kg						
Mercury	23 mg/kg	21 ug/kg						
Nickel (soluble salts)	1,600 mg/kg	16 mg/kg						
Selenium	390 mg/kg	2.0 mg/kg						
Silver	390 mg/kg	ND						
Zinc	23,000 mg/kg	54 mg/kg						
<b>Liquid Hydrocarbons in Soils and Ground Water</b>								
Liquid hydrocarbons including condensate and oil	Below detection level	ND						