

received 10/30/2014
REM 8736
Pit Facility 257208
DOC 2142403

| Table 910-1 | | | | | | | |
|---|---------------------------------|---------------|-------------|--------------|-------------|--------------|-------------|
| CONCENTRATION LEVELS | | | | | | | |
| Contaminant of Concern | Concentrations | bottom of pit | top of pit | Native north | Native east | Native south | native west |
| Organic Compounds in Soil | | | | | | | |
| TPH (total volatile & extractable petroleum hydrocarbons) | 500mg/kg | 37 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 | | | | | | |
| Organic Compounds in Ground Water | | | | | | | |
| Benzene | 5 µg/l | | | | | | |
| Toluene | 560 to 1000 µg/l | | | | | | |
| Ethylbenzene | 700 µg/l | | | | | | |
| Xylenes (total) | 1400 to 10,000 µg/l | | | | | | |
| Inorganics in Soils | | | | | | | |
| Electrical Conductivity (EC) | <4000 umhos/cm or 2x background | 870 umhos/cm | 30 umhos/cm | | | | |
| Sodium Adsorption Ratio (SAR) | <12 | 78 | ND | | | | |
| pH | 6.0-9.0 | 8.41 | 8.93 | | | | |
| Inorganics in Ground Water | | | | | | | |
| Total Dissolved Solids (TDS) | <1.25 x background | | | | | | |
| Chlorides | <1.25 x background | | | | | | |
| Sulfates | <1.25 x background | | | | | | |
| Metals in Soils | | | | | | | |
| Arsenic | 0.39 mg/kg | 4.8 mg/kg | 2.1 mg/kg | 4.2 mg/kg | 1.9 mg/kg | 4.1 mg/kg | 3.8 mg/kg |
| Barium Total | 15,000 mg/kg | 710 mg/kg | | | | | |
| Boron (Hot Water Soluble) | 2 mg/l | ND | | | | | |
| Cadmium | 70 mg/kg | ND | | | | | |
| Chromium (III) | 120,000 mg/kg | 12 mg/kg | | | | | |
| Chromium (VI) | 23 mg/kg | ND | | | | | |
| Copper | 3,100 mg/kg | 32 mg/kg | | | | | |
| Lead (inorganic) | 400 mg/kg | 20 mg/kg | | | | | |
| Mercury | 23 mg/kg | 35 ug/kg | | | | | |
| Nickel (soluble salts) | 1,600 mg/kg | 17 mg/kg | | | | | |
| Selenium | 390 mg/kg | 2.1 mg/kg | | | | | |
| Silver | 390 mg/kg | ND | | | | | |
| Zinc | 23,000 mg/kg | 97 mg/kg | | | | | |
| Liquid Hydrocarbons in Soils and Ground Water | | | | | | | |
| Liquid hydrocarbons including condensate and oil | Below detection level | ND | | | | | |