

| Silverland 31-22 TR Pit Table 915-1 | | | 12/7/2023 | | | | 2/8/2024 | | | | 3/7/2024 | 7/22/2024 |
|---|---|---|-------------------------|-------------------------|-------------------------|----------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------|-------------------------|
| CLEANUP CONCENTRATIONS | | | Silverland 31-22 TR SS1 | Silverland 31-22 TR SS2 | Silverland 31-22 TR SS3 | Silverland 31-22 TR Native | Silverland 31-22 TR SS3 | Silverland 31-22 TR Native #2 | Silverland 31-22 TR Native #3 | Silverland 31-22 TR Native #4 | Silverland 31-22 TR SS3 | Silverland 31-22 TR SS4 |
| Contaminant of Concern | Concentrations | 37.24923, -104.76503 | 37.24919, -104.76502 | 37.24923, -104.76509 | 37.24912, -104.76515 | 37.24923, -104.76509 | 37.2492935358, -104.7647789185 | 37.2494669758, -104.7646454706 | 37.2496071986, -104.764500213 | 37.24923, -104.76509 | 37.249306, -104.765183 | |
| Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons) | 500mg/kg | ND | | | | | | | | | ND | |
| Soils and Groundwater - liquid hydrocarbons including condensate and oil | below visual detection limits | NA | NA | NA | NA | NA | | | | NA | NA | |
| Soil Suitability for Reclamation | | | | | | | | | | | | |
| Electrical conductivity (EC) (by saturated paste method) | <4mmhos/cm | 0.513 | 0.45 | 0.589 | 0.0594 | | | | | | 0.0545 | |
| Sodium adsorption ratio (SAR) (by saturated paste method) | <6 | 3.57 | 4.42 | 1.95 | 0.0931 | | | | | | 0.053 | |
| pH (by saturated paste method) | 6-8.3 | 7.94 | 8.08 | 9.44 | 6.69 | 8.73 | | | | 7.78 | 7.65 | |
| boron (hot water soluble soil extract) | 2mg/l | 0.142 | ND | 0.4 | ND | | | | | | ND | |
| Organic Compounds in Groundwater | | | | | | | | | | | | |
| benzene | 5µg/l | | | | | | | | | | | |
| toluene | 560 to 1,000µg/l | | | | | | | | | | | |
| ethylbenzene | 700µg/l | | | | | | | | | | | |
| xylenes (sum of o-, m- and p- isomers = total xylenes) | 1,400 to 10,000µg/l | | | | | | | | | | | |
| naphthalene | 140µg/l | | | | | | | | | | | |
| 1,2,4-trimethylbenzene | 67µg/l | | | | | | | | | | | |
| 1,3,5-trimethylbenzene | 67µg/l | | | | | | | | | | | |
| Groundwater Inorganic Parameters | | | | | | | | | | | | |
| total dissolved solids (TDS) | <1.25 X local background | | | | | | | | | | | |
| chloride ion | 250mg/l or <1.25 X local background | | | | | | | | | | | |
| sulfate ion | 250mg/l or <1.25 X local background | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Soils | Residential Soil Screening Level Concentrations (mg/kg) | Protection of Groundwater Soil Screening Level Concentrations (mg/kg) | | | | | | | | | | |
| Organic Compounds in Soils | | | | | | | | | | | | |
| benzene | 1.2 | 0.0026 (M) | ND | | | | | | | | ND | |
| toluene | 490 | 0.69 (M) | ND | | | | | | | | ND | |
| ethylbenzene | 5.8 | 0.78 (M) | ND | | | | | | | | ND | |
| xylenes (sum of o-, m- and p- isomers = total xylenes) | 58 | 9.9 (M) | ND | | | | | | | | ND | |
| 1,2,4-trimethylbenzene | 30 | 0.0081 (R) | ND | | | | | | | | ND | |
| 1,3,5-trimethylbenzene | 27 | 0.0087 (R) | ND | | | | | | | | ND | |
| acenaphthene | 360 | 0.55 (R) | ND | | | | | | | | ND | |
| anthracene | 1800 | 5.8 (R) | ND | | | | | | | | ND | |
| benz(a)anthracene | 1.1 | 0.011 (R) | ND | | | | | | | | ND | |
| benzo(b)fluoranthene | 1.1 | 0.3 (R) | ND | | | | | | | | ND | |
| benzo(k)fluoranthene | 11 | 2.9 (R) | ND | | | | | | | | ND | |
| benzo(a)pyrene | 0.11 | 0.24 (M) | ND | | | | | | | | ND | |
| chrysene | 110 | 9 (R) | ND | | | | | | | | ND | |
| dibenzo(a,h)anthracene | 0.11 | 0.096 (R) | ND | | | | | | | | ND | |
| fluoranthene | 240 | 8.9 (R) | ND | | | | | | | | ND | |
| fluorene | 240 | 0.54 (R) | ND | | | | | | | | ND | |
| indeno(1,2,3-cd)pyrene | 1.1 | 0.98 (R) | ND | | | | | | | | ND | |
| 1-methylnaphthalene | 18 | 0.006 (R) | ND | | | | | | | | ND | |
| 2-methylnaphthalene | 24 | 0.019 (R) | ND | | | | | | | | ND | |
| naphthalene | 2 | 0.0038 (R) | ND | | | | | | | | ND | |
| pyrene | 180 | 1.3 (R) | ND | | | | | | | | ND | |
| Metals in Soils | | | | | | | | | | | | |
| arsenic | 0.68 | 0.29 (M) | 1.89 | 2 | 1.26 | 1.28 | 2.01 | 0.83 | 2.08 | | 2.59 | |
| barium | 15000 | 82 (M) | 145 | 168 | 87 | 83.6 | | | | | 140 | |
| cadmium | 71 | 0.38 (M) | 0.122 | 0.116 | 0.0938 | ND | | | | | ND | |
| chromium (VI) | 0.3 | 0.00067 (R) | ND | | ND | ND | | | | | ND | |
| copper | 3100 | 46 (M) | 10.5 | 9.57 | ND | ND | | | | | ND | |
| lead | 400 | 14 (M) | 7.84 | 7.25 | 6.02 | 6.3 | | | | | 6.15 | |
| nickel | 1500 | 26 (R) | 8.77 | 8.47 | 5.24 | 5.49 | | | | | 6.86 | |
| selenium | 390 | 0.26 (M) | 0.315 | 0.27 | 0.188 | 0.284 | | | | | ND | |
| silver | 390 | 0.8 (R) | ND | ND | ND | ND | | | | | ND | |
| zinc | 23000 | 370 (R) | 35.2 | 34.3 | 21.2 | 21.3 | | | | | ND | |

The letter "(R)" following a protection of Groundwater soil screening level indicates the concentration is derived from a risk-based approach. The letter "(M)" following a protection of Groundwater soil screening level indicates the concentration is derived from the drinking water MCL.