

Table 1
797-09A (Historic Mud Tank Release)
Soil Sample Summary

| LABORATORY DATA SUMMARY | | | | | | | |
|------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|----------|
| Sample ID | 797-09AMT SS1 | 797-09AMT SS2 | 797-09AMT SS3 | 797-09AMT SS4 | 797-09AMT SS5 | COGCC TABLE 910-1 CONCENTRATION LEVELS | UNITS |
| Sample Depth | 0-6" | 0-6" | 0-6" | 0-6" | 0-6" | | |
| Longitude N | 39.466464 | 39.466505 | 39.466591 | 39.466596 | 39.466712 | | |
| Latitude W | -108.225798 | -108.225726 | -108.225729 | -108.225674 | -108.225659 | | |
| Sample Type | Grab | Grab | Grab | Grab | Grab | | |
| Sample Description | Pad Characterization | Pad Characterization | Pad Characterization | Pad Characterization | Pad Characterization | | |
| Analytical Parameters | | | | | | | |
| TPH | | | | | | | |
| TPH Gasoline Range Organics | 0.414 | 0.397 | 0.269 | 0.444 | 0.698 | 500 | mg/kg |
| TPH Diesel Range Organics | 37.3 | 37.4 | 55.6 | 47.2 | 34.3 | | |
| BTEX | | | | | | | |
| Benzene | 0.0566 | 0.00538 | 0.00341 | 0.0066 | 0.00982 | 0.17 | mg/kg |
| Toluene | 0.0183 | 0.0149 | 0.0127 | 0.0188 | 0.0276 | 85 | mg/kg |
| Ethylbenzene | 0.00845 | 0.00665 | 0.00636 | 0.00816 | 0.0117 | 100 | mg/kg |
| Total Xylene | 0.00772 | 0.00613 | 0.00665 | 0.00771 | 0.0108 | 175 | mg/kg |
| Metals | | | | | | | |
| Arsenic | 6.04 | 6.49 | 5.58 | 6.38 | 6.78 | 0.39 | mg/kg |
| Barium | 823 | 994 | 856 | 827 | 857 | 15,000 | mg/kg |
| Cadmium | ND | 1.68 | ND | ND | ND | 70 | mg/kg |
| Chromium | 15.2 | 16.3 | 15.8 | 15.6 | 16.1 | NA | mg/kg |
| Copper | 19.2 | 19.00 | 17.90 | 20.9 | 19.70 | 3,100 | mg/kg |
| Lead | 10.9 | 11.40 | 10.40 | 11.50 | 11.20 | 400 | mg/kg |
| Mercury | ND | ND | ND | ND | ND | 23 | mg/kg |
| Nickel | 15.6 | 16.6 | 14.7 | 15.7 | 16.6 | 1,600 | mg/kg |
| Selenium | ND | ND | ND | ND | ND | 390 | mg/kg |
| Silver | ND | ND | ND | ND | ND | 390 | mg/kg |
| Zinc | 54.0 | 55.2 | 51.2 | 52.8 | 55.5 | 23,000 | mg/kg |
| SAR Metals Analysis | | | | | | | |
| Sodium Adsorption Ratio | 8.57 | 16.0 | 7.36 | 13.60 | 9.17 | <12 | ratio |
| Polynuclear Aromatic Hyrdrocarbons | | | | | | | |
| Acenaphthene | ND | ND | ND | ND | ND | 1,000 | mg/kg |
| Anthracene | ND | ND | ND | ND | ND | 1,000 | mg/kg |
| Benzo(a)anthracene | ND | ND | ND | ND | ND | 0.22 | mg/kg |
| Benzo(a)pyrene | ND | ND | ND | ND | ND | 0.022 | mg/kg |
| Benzo(b)fluoranthene | ND | ND | ND | ND | ND | 0.22 | mg/kg |
| Benzo(k)fluoranthene | ND | ND | ND | ND | ND | 2.2 | mg/kg |
| Chrysene | ND | ND | ND | ND | ND | 22 | mg/kg |
| Dibenzo(a,h)anthracene | ND | ND | ND | ND | ND | 0.022 | mg/kg |
| Fluoranthene | ND | ND | ND | ND | ND | 1,000 | mg/kg |
| Fluorene | ND | ND | ND | ND | ND | 1,000 | mg/kg |
| Indeno(1,2,3-cd)pyrene | ND | ND | ND | ND | ND | 0.22 | mg/kg |
| Napthalene | ND | ND | ND | ND | ND | 23 | mg/kg |
| Pyrene | ND | ND | ND | 0.00633 | 0.00736 | 1,000 | mg/kg |
| General Chemistry | | | | | | | |
| Chromium, Hexavalent | ND | ND | ND | ND | ND | 23 | mg/kg |
| Chromium, Trivalent | 15.2 | 16.3 | 15.8 | 15.6 | 16.1 | 120,000 | mg/kg |
| Specific Conductivity | 4.170 | 6.890 | 2.250 | 4.770 | 5.180 | <4 or 2 x the background | mmhos/cm |
| pH | 7.82 | 7.94 | 8.15 | 8.07 | 7.90 | 6-9 | su |
| Waste Characterization | | | | | | | |
| Reactive Cyanide | NT | NT | NT | NT | NT | | |
| Reactive Sulfide | NT | NT | NT | NT | NT | | |
| Corrosivity by pH | NT | NT | NT | NT | NT | | |
| Paint Filter Test | NT | NT | NT | NT | NT | | |
| Ignitability | NT | NT | NT | NT | NT | | |