

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE 100322
TIMBRO FEDERAL LD18-74HN WELLHEAD, WELD COUNTY, COLORADO
REM # 35388

| Sample ID | Sample Date | Depth (ft-bgs) | GPS Data Latitude/Longitude | | VOC Concentration (ppm) |
|-----------|-------------|----------------|--------------------------------|-------------|----------------------------|
| WH01@6 | 9/12/2024 | 6 | 40.744499 | -103.904189 | 0.6 |
| FLR01@4 | 9/12/2024 | 4 | 40.744498 | -103.904252 | 59.8 |
| WH01-N@4 | 9/12/2024 | 4 | 40.744537 | -103.904189 | 1.1 |
| WH01-S@4 | 9/12/2024 | 4 | 40.744465 | -103.904187 | 0.8 |
| WH01-E@4 | 9/12/2024 | 4 | 40.744500 | -103.904139 | 0.7 |

1. Global Positioning System (GPS) data is provided in decimal degrees using North American Datum (NAD) 83 UTMZone 13 North.

2. Volatile organic compound (VOC) concentrations are measured in the field using a photoionization detector (PID).

ppm - Parts per million

ft-bgs - feet below ground surface

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE 100322
TIMBRO FEDERAL LD18-74HN WELLHEAD, WELD COUNTY, COLORADO
REM # 35388

| Sample ID | Sample Date | Depth (ft-bgs) | Benzene (mg/kg) | Toluene (mg/kg) | Ethyl-Benzene (mg/kg) | Xylenes (mg/kg) | 1,2,4- Trimethyl- Benzene (mg/kg) | 1,3,5- Trimethyl- Benzene (mg/kg) | Naphthalene (mg/kg) | TPH (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) |
|---|-------------|----------------|--------------------|--------------------|--------------------------|--------------------|--|--|------------------------|----------------|--------------------|--------------------|--------------------|
| ECMC Table 915-1 Limits (Residential SSL) | | | 1.2 | 490 | 5.8 | 58 | 30 | 27 | 2 | 500 | 500** | | |
| ECMC Table 915-1 Limits (Protection of Groundwater SSL) | | | 0.0026 | 0.69 | 0.78 | 9.9 | 0.0081 | 0.0087 | 0.0038 | 500 | 500** | | |
| WH01@6 | 9/12/2024 | 6 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.002 | <125.200 | <0.200 | <25.0 | <100 |
| FLR01@4 | 9/12/2024 | 4 | <0.00200 | <0.00200 | <0.00200 | 0.00832 | 0.00334 | 0.00590 | 0.002 | 176.76 | 6.76 | 170 | <100 |

1. Grey highlighted soil analytical values indicate result is less than laboratory reporting limit
 2. ** Summation of GRO+DRO+ORO must be less than 500 mg/kg
 ft-bgs - feet below ground surface
 mg/kg - milligrams per kilogram

TABLE 3
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE 100322
TIMBRO FEDERAL LD18-74HN WELLHEAD, WELD COUNTY, COLORADO
REM # 35388

| Sample ID | Sample Date | Depth (ft-bgs) | Acenaphthene (mg/kg) | Anthracene (mg/kg) | Benzo (a) Anthracene (mg/kg) | Benzo (a) Pyrene (mg/kg) | Benzo (b) Fluoranthene (mg/kg) | Benzo (k) Fluoranthene (mg/kg) | Chrysene (mg/kg) | Dibenzo (a,h) Anthracene (mg/kg) | Fluoranthene (mg/kg) | Fluorene (mg/kg) | Indeno (1,2,3- cd) Pyrene (mg/kg) | Pyrene (mg/kg) | 1-Methyl - Naphthalene (mg/kg) | 2-Methyl- Naphthalene (mg/kg) |
|---|-------------|----------------|-------------------------|-----------------------|------------------------------------|--------------------------------|--------------------------------------|--------------------------------------|---------------------|--|-------------------------|---------------------|---|-------------------|--------------------------------------|-------------------------------------|
| ECMC Table 915-1 Limits (Residential SSL) | | | 360 | 1800 | 1.1 | 0.11 | 1.1 | 11 | 110 | 0.11 | 240 | 240 | 1.1 | 180 | 18 | 24 |
| ECMC Table 915-1 Limits (Protection of Groundwater SSL) | | | 0.55 | 5.8 | 0.011 | 0.24 | 0.3 | 2.9 | 9 | 0.096 | 8.9 | 0.54 | 0.98 | 1.3 | 0.006 | 0.019 |
| WH01@6 | 9/12/2024 | 6 | <0.020 | <0.020 | <0.005 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.002 | <0.002 |
| FLR01@4 | 9/12/2024 | 4 | 0.026 | <0.020 | <0.005 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | 0.020 | 0.014 |

1. RED - Above ECMC Table 915-1 Standards
2. Blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)
3. Grey highlighted soil analytical values indicate result is less than laboratory reporting limit
ft-bgs - feet below ground surface
mg/kg - milligrams per kilogram

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE 100322
TIMBRO FEDERAL LD18-74HN WELLHEAD, WELD COUNTY, COLORADO
REM # 35388

| Sample ID | Sample Date | Depth (ft-bgs) | pH (Standard Units) | EC (mmhos/cm) | SAR (Standard Units) | Boron (mg/L) |
|--|-------------|----------------|---------------------------|------------------|----------------------------|-----------------|
| ECMC Table 915-1 Soil Suitability Limits | | | 6 - 8.3 | <4 | <6 | 2 |
| WH01@6 | 9/12/2024 | 6 | 8.61 | 0.458 | 3.66 | 0.240 |
| FLR01@4 | 9/12/2024 | 4 | 8.51 | 0.332 | 1.45 | 0.201 |

1. **RED** - Above ECMC Table 915-1 Standards

ft-bgs - feet below ground surface

EC - Electrical Conductivity

SAR - Sodium adsorption ratio

mmhos/cm - millimhos per centimeter

mg/L - milligrams per liter

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE 100322
TIMBRO FEDERAL LD18-74HN WELLHEAD, WELD COUNTY, COLORADO
REM # 35388

| Sample ID | Sample Date | Depth (ft-bgs) | Arsenic (mg/kg) | Barium (mg/kg) | Cadmium (mg/kg) | Chromium (VI) (mg/kg) | Copper (mg/kg) | Lead (mg/kg) | Nickel (mg/kg) | Selenium (mg/kg) | Silver (mg/kg) | Zinc (mg/kg) |
|---|-------------|----------------|--------------------|-------------------|--------------------|--------------------------|-------------------|-----------------|-------------------|---------------------|-------------------|-----------------|
| ECMC Table 915-1 Limits (Residential SSL) | | | 0.68 | 15000 | 71 | 0.3 | 3100 | 400 | 1500 | 390 | 390 | 23000 |
| ECMC Table 915-1 Limits (Protection of Groundwater SSL) | | | 0.29 | 82 | 0.38 | 0.00067 | 46 | 14 | 26 | 0.26 | 0.8 | 370 |
| WH01@6 | 9/12/2024 | 6 | 3.35 | 1710 | 0.220 | <0.244* | 15.1 | 11.3 | 9.03 | <0.245 | <0.0941 | 69.6 |
| FLR01@4 | 9/12/2024 | 4 | 3.08 | 983 | 0.232 | <0.244* | 13.9 | 10.7 | 8.30 | <0.229 | <0.0879 | 226 |

1. **RED** - Above ECMC Table 915-1 Standards

2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)

3. Grey highlighted soil analytical values indicate result is less than laboratory reporting limit

* Indicates laboratory reporting or minimum detection limit in excess of SSL

ft-bgs - feet below ground surface

mg/kg - milligrams per kilogram