

**TABLE 1**  
**FIELD DATA SUMMARY TABLE**  
**NOBLE 100322**  
**HSR-LAMBERT 10-26 WELLHEAD, WELD COUNTY, COLORADO**  
**REM # 32509**

Sample ID	Sample Date	Depth (ft-bgs)	GPS Data Latitude/Longitude		VOC Concentration (ppm)
WH01@6	4/8/2024	6	40.281472	-104.742482	5.0
FLR01@4	4/8/2024	4	40.281479	-104.742502	17.2
WH01-N@4	4/8/2024	4	40.281489	-104.742475	12.0
WH01-S@4	4/8/2024	4	40.281457	-104.742487	42.0
WH01-E@4	4/8/2024	4	40.281466	-104.742461	8.2
GW01	4/8/2024	~6	40.281469	-104.742478	NM
WH01@3	3/4/2025	3	40.281472	-104.742482	20.7
WH01@6.5	3/4/2025	6.5	40.281472	-104.742482	2.0

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

NM - Not measured

TABLE 2  
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA  
NOBLE 100322  
HSR-LAMBERT 10-26 WELLHEAD, WELD COUNTY, COLORADO  
REM # 32509

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@6.5	3/4/2025	6.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002	<125.200	<0.200	<25.0	<100
WH01@3	3/4/2025	3	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.012	32.22	3.82	28.4	<100

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s)

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

4. \*\* Summation of GRO+DRO+ORO must be less than 500 mg/kg

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics

TPH-DRO = Total petroleum hydrocarbons - diesel range organics

TPH-ORO = Total petroleum hydrocarbons - oil range organics

ft-bgs - feet below ground surface

mg/kg - milligrams per kilogram

TABLE 3  
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA  
NOBLE 100322  
HSR-LAMBERT 10-26 WELLHEAD, WELD COUNTY, COLORADO  
REM # 32509

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@6.5	3/4/2025	6.5	<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
WH01@3	3/4/2025	3	0.131	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.106	<0.020	<0.020	<b>0.190</b>	<b>0.204</b>

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s)

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**  
**HSR-LAMBERT 10-26 WELLHEAD, WELD COUNTY, COLORADO**  
**REM # 32509**

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@6.5	3/4/2025	6.5	<b>8.31</b>	0.767	3.11	0.324
WH01@3	3/4/2025	3	<b>8.43</b>	1.01	4.22	0.621

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s)

2. Brown highlighted soil analytical values indicate a regulatory exceedance.

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  
HSR-LAMBERT 10-26 WELLHEAD, WELD COUNTY, COLORADO  
REM # 32509

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@6.5	3/4/2025	6.5	<b>1.59</b>	75.7	<0.0957	<0.137*	<9.57	4.80	5.68	<0.249	<0.0957	<35.4
WH01@3	3/4/2025	3	<b>2.42</b>	54.6	0.239	<0.0995*	11.8	<b>14.4</b>	3.87	<0.260	0.119	37.8

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s)
  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

**TABLE 6**  
**SUMMARY OF ORGANIC GROUNDWATER CHEMISTRY DATA**  
**NOBLE 100322**  
**HSR-LAMBERT 10-26 WELLHEAD, WELD COUNTY, COLORADO**  
**REM # 32509**

Sample ID	Sample Date	Depth (ft-bgs)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-Trimethyl-Benzene (µg/L)	1,3,5-Trimethyl-Benzene (µg/L)
ECMC Table 915-1 Limits			5.0	560	700	1400	140	67	67
GW01*	4/8/2024	~6	<1.00	1.35	<1.00	4.78	<4.00	2.20	1.39

1. Grey highlighted soil analytical values indicate result is less than laboratory reporting limit  
 ft-bgs - feet below ground surface  
 µg/L - micrograms per liter  
 \* Indicates sample did not experience cooling prior to being submitted to the lab for analysis