

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE 100322
WCL 24-5 FLOWLINE, WELD COUNTY, COLORADO
REM # 21028

Sample ID	Sample Date	Depth (ft)	GPS Data Latitude/Longitude		PDOP Value	VOC Concentration (ppm)
WH01 @ 6	6/6/2024	6	40.344624	-104.682327		0.0
FLR01 @ 4	6/6/2024	4	40.344623	-104.682378		0.0
WH01-N @ 4	6/6/2024	4	40.344666	-104.682328		0.0
WH01-E @ 4	6/6/2024	4	40.344626	-104.682275		0.0
WH01-S @ 4	6/6/2024	4	40.344587	-104.682322		0.0
FL01R-S @ 4'	6/17/2024	4	40.345002	-104.679201	0.8	0.6
FL01R-W @ 4'	6/17/2024	4	40.344637	-104.682332	0.8	0.4
BKG01 @ 4'	6/17/2024	4	40.344693	-104.682207	0.8	0.2
BKG02 @ 4'	6/17/2024	4	40.344709	-104.682412	0.8	0.7
BKG03 @ 4'	1/24/2025	4	40.344641	-104.682631	0.9	0.0
BKG04 @ 4'	1/24/2025	4	40.344463	-104.682336	1.0	0.1
BKG05 @ 4'	1/24/2025	4	40.344639	-104.682021	1.0	0.0
BKG06 @ 4'	1/24/2025	4	40.345057	-104.682524	0.9	0.2
BKG07 @ 4'	1/24/2025	4	40.345057	-104.682179	1.0	0.0

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).

PDOP = Position Dilution of Precision

ppm = Parts per million

in. = Inches

ft. = Feet

bgs = Below ground surface

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE 100322
WCL 24-5 FLOWLINE, WELD COUNTY, COLORADO
REM # 21028

Sample ID	Sample Date	Depth (ft)	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	6/6/2024	6	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002	<500	<0.200	<25.0	<100
FLR01 @ 4	6/6/2024	4	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002	<500	<0.200	<25.0	<100
FL01R-S @ 4'	6/17/2024	4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
FL01R-W @ 4'	6/17/2024	4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50

1. Bold 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. * Indicates laboratory minimum detection limit in excess of SSL
 4. ** Summation of GRO+DRO+ORO must be less than 500 mg/kg
- (<) = Analytical result is less than the indicated laboratory reporting limit.
TPH-GRO = Total petroleum hydrocarbons - gasoline range organics
TPH-DRO = Total petroleum hydrocarbons - diesel range organics
TPH-ORO = Total petroleum hydrocarbons - oil range organics
mg/kg = Milligrams per kilogram
ft. = Feet
bgs = Below ground surface
NA - Not analyzed

Source material characterization sample, excavated and transported off site for disposal.

Material excavated and transported off site for disposal.

TABLE 3
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE 100322
WCL 24-5 FLOWLINE, WELD COUNTY, COLORADO
REM # 21028

Sample ID	Sample Date	Depth (ft)	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	6/6/2024	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	6/6/2024	4	<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
FL01R-S @ 4'	6/17/2024	4	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL01R-W @ 4'	6/17/2024	4	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500

1. Bold 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. * Indicates laboratory minimum detection limit in excess of SSL
 4. ** Summation of GRO+DRO+ORO must be less than 500 mg/kg
- (<) = Analytical result is less than the indicated laboratory reporting limit.
TPH-GRO = Total petroleum hydrocarbons - gasoline range organics
TPH-DRO = Total petroleum hydrocarbons - diesel range organics
TPH-ORO = Total petroleum hydrocarbons - oil range organics
mg/kg = Milligrams per kilogram
ft. = Feet
bgs = Below ground surface
NA - Not analyzed

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE 100322
WCL 24-5 FLOWLINE, WELD COUNTY, COLORADO
REM # 21028

Sample ID	Sample Date	Depth (ft)	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	6/6/2024	6	8.40	0.326	1.88	<0.0995
FLR01 @ 4	6/6/2024	4	8.47	0.396	1.95	0.128
FL01R-S @ 4'	6/17/2024	4	8.17	0.0746	0.0393	<2.00
FL01R-W @ 4'	6/17/2024	4	8.33	0.0838	0.319	<2.00
BKG01 @ 4'	6/17/2024	4	7.87	0.558	1.36	NA
BKG02 @ 4'	6/17/2024	4	7.90	0.335	3.76	NA
BKG03 @ 4'	1/24/2025	4	8.41	0.473	2.42	<2.00
BKG04 @ 4'	1/24/2025	4	7.82	0.351	1.83	<2.00
BKG05 @ 4'	1/24/2025	4	8.24	0.366	0.497	<2.00
BKG06 @ 4'	1/24/2025	4	8.38	0.404	1.76	<2.00
BKG07 @ 4'	1/24/2025	4	7.56	0.480	2.74	<2.00
Maximum Background Concentration			8.41	0.558	3.76	NA

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within background concentrations.

2. **Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.

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

NA = Not analyzed

EC = Specific Conductance

SAR = Sodium Adsorption Ratio

mg/L = milligrams per liter

mmhos/cm = millimhos per centimeter

NA - Not analyzed

Source material characterization sample, excavated and transported off site for disposal.

Material excavated and transported off site for disposal.

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE 100322
WCL 24-5 FLOWLINE, WELD COUNTY, COLORADO
REM # 21028

Sample ID	Sample Date	Depth (ft)	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	6/6/2024	6	2.00	200	0.113	<0.105	<9.43	6.84	5.24	<0.245	0.104	<34.9
FLR01 @ 4	6/6/2024	4	2.01	92.8	0.230	<0.119	10.3	9.44	5.24	<0.231	0.143	36.5
FL01R-S @ 4'	6/17/2024	4	2.32	64.2	<0.200	<0.30	4.50	6.02	4.37	<0.260	0.0442	20.0
FL01R-W @ 4'	6/17/2024	4	2.02	53.7	0.234	<0.30	4.73	6.87	3.77	<0.260	0.0604	20.0
BKG01 @ 4'	6/17/2024	4	2.35	54.6	<0.200	<0.30	3.93	5.51	3.73	<0.260	0.0491	17.0
BKG02 @ 4'	6/17/2024	4	2.41	54.3	<0.180	<0.30	3.51	5.20	3.78	<0.234	0.0362	16.2
BKG03 @ 4'	1/24/2025	4	1.69	71.5	<0.200	<0.30	3.94	6.51	4.97	<0.260	0.0430	18.2
BKG04 @ 4'	1/24/2025	4	1.70	61.1	<0.200	<0.30	4.09	5.40	4.32	<0.260	0.0220	18.1
BKG05 @ 4'	1/24/2025	4	2.00	93.9	<0.200	<0.30	4.47	8.28	5.73	<0.260	0.0462	24.1
BKG06 @ 4'	1/24/2025	4	2.10	72.9	0.255	<0.30	4.74	6.34	5.09	<0.260	0.0333	19.8
BKG07 @ 4'	1/24/2025	4	1.74	68.8	0.227	<0.30	5.64	8.46	4.66	<0.260	0.0685	24.2
1.25x Maximum Background Concentration			3.0125	117.375	0.31875	NA	7.05	10.575	7.1625	NA	0.085625	30.5

- Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x background concentrations.
- Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.
- Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
- Non-detect background results accounted for in the highest background concentration by using the reporting limit.

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

mg/kg = Milligrams per kilogram

ft. = Feet

bgs = Below ground surface

* Indicates laboratory minimum detection limit in excess of SSL

NA - Not analyzed