August 26, 2025

NOBLE ENERGY, INC. (Operator: 100322)
C/O Lauren Hoff
Lead Regulatory Affairs Coordinator
Chevron U.S.A. Inc.
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Report of Work Completed – Facility Closure Investigation

ECMC Location Name (ID)	SHELTON R G-64N65W/26SENE (323270)
ECMC Well Name (API)	SHELTON R G #26-8 (05-123-12791)
Client Location Name	Shelton RG 26-08 FL
ECMC Remediation Project	29038
Legal Description	SENE Sec. 26 T4N-R66W
Coordinates (Lat, Long)	40.285020, -104.623510
County	Weld County, Colorado

Introduction

Confluence Compliance Companies, LLC (Confluence) prepared this Report of Work Completed (ROWC) for Chevron U.S.A. (Chevron) to report results to document soil remedial investigation activities associated with the wellhead cut and cap at the SHELTON R G #26-8 (API: 05-123-12791) (Location). The Location is 8.09 miles southeast of Greely, Colorado, in Weld County, as illustrated in the attached Topographic Location Map. Additional information on the Location is provided in the title block above and attached Site Diagrams. This ROWC provides background on the Location, methods used to complete the soil investigation, results, and recommendations for how to proceed with this information.

Project Background

On June 30, 2023, initial wellhead characterization sampling was conducted by Eagle Environmental Consulting, LLC (Eagle) following cut and cap operations at the Location pursuant to the Colorado Energy & Carbon Management Commission (ECMC) Rule 911. Four soil samples were collected: one from each sidewall at 5 feet bgs. All but sidewall sample WH-SS-02 were submitted for analysis of ECMC Table 915-1 organic constituents of concern and Soil Suitability for Reclamation (SSR) constituents; sidewall sample WH-SS-02 was submitted for full Table 915-1. Groundwater was encountered at 3 feet bgs within the excavation base; one groundwater grab sample was collected and submitted for analysis of Table 915-1 organic constituents. One background soil sample was also collected and submitted for analysis of pH, sodium adsorption ratio (SAR), and Table 915-1 metals, except for hexavalent chromium. Analytical results of the wellhead characterization samples indicated exceedances of Table 915-1 Protection of Groundwater Soil Screening Levels (PGSSLs) for lead within the WH-SS-02 sample. SSR exceedances of pH and sodium adsorption ratio (SAR) were also observed. The background sample indicated native levels of pH and SAR above SSR standards. See ECMC Form 27 Document 404087053 and the associated attachments for additional details.

On August 14, 2023, Tasman Geosciences (Tasman) completed flowline characterization sampling following the abandonment of approximately 1,246 feet of flowline. Ten samples were collected and field-screened from the flowline corridor. The sample collected at the flowline connection to the wellhead, identified as the most impacted soil based on field-screening, was submitted for analysis of full Table 915-1 constituents. Analytical results indicated levels of arsenic, cadmium, and lead above PGSSLs.

Methodology

On June 23, 2025, Confluence provided sampling support to recharacterize potential soil impacts at the wellhead identified by initial site investigation. Using hand tools, five soil samples were collected from 6 feet below ground surface (bgs) at the previous locations of wellhead samples collected by Eagle on June 30, 2023. Using an environmental drill rig, five delineation soil borings (MW01 – MW05) were advanced in each cardinal direction of the groundwater grab sample (GW-01) collected by Eagle and one soil sample was collected from each boring at the depth of greatest impact as determined by field-screening. Each soil boring was completed as a groundwater monitoring well; results of the groundwater monitoring investigation will be reported in a separate quarterly *Groundwater Monitoring Summary* report. Soil samples were field-screened for evidence of impacts using visual and olfactory indicators, as well as a photoionization detector (PID). Four background soil samples were also collected in native, nearby, non-disturbed areas to further characterize native concentrations of inorganics at the Location.

All samples were collected in laboratory provided jars, immediately placed on ice, and to the lab under completed chain-of-custody forms. Recharacterization and delineation samples were analyzed for all Table 915-1 soil constituents of concern and background samples were analyzed for SSR constituents and Table 915-1 metals.

Results

These results summarize observations from onsite investigation efforts and associated laboratory analytical results. For organizational and presentation purposes, the results summary is divided between general observations of lithology and hydrogeology for the entire Location and site investigation activities. Collected spatial data are depicted in the attached Site Diagrams and analytical results are summarized in the attached tables.

Lithology and Hydrogeology

The lithology at the Location is comprised of sandy clay and the soil classifications are characterized by the National Resources Conservation Service (NRCS) as Aquolls and Aquents, flooded and Olney fine sandy loam, 1 to 3 percent slopes. Groundwater is expected to flow toward Gilmore Ditch, located 0.11 miles southeast of the Location. Groundwater was encountered between 6 and 7 feet bgs during the June 2025 site investigation.

Wellhead Recharacterization Results

Field-screening did not indicate the presence of hydrocarbon impacts. Analytical results of recharacterization soil samples indicate pH values above the SSR standard in all but the western sidewall sample with values ranging from 8.36 to 11.6 and sodium adsorption ratio (SAR) values above the SSR standard within the north and east sidewall samples at 7.08 and 9.57, respectively. All recharacterization soil samples exceed the PGSSL for arsenic with values ranging from 2.06 to 2.53 milligrams per kilogram (mg/kg). Concentrations of hexavalent chromium above the PGSSL were

observed in all but the north sidewall recharacterization sample and range from 0.13 to 0.22 milligrams per kilogram (mg/kg). Values of lead exceeding the PGSSL were observed within the south and west sidewall recharacterization samples at concentrations of 17.0 and 28.7 mg/kg, respectively.

Soil Boring Results

Field-screening did not indicate the presence of hydrocarbon impacts. Analytical results of soil boring samples indicate SAR values above the SSR standard within all but the MW01 sample with values ranging from 8.20 to 12.2. All soil boring samples exceed the PGSSL for arsenic with values ranging from 2.07 to 4.17 mg/kg. MW02 -MW04 exceeded the PGSSL for barium with concentrations ranging from 82.4 to 161 mg/kg, MW02 and MW05 indicated exceedances of hexavalent chromium at values of 0.08 and 0.15 mg/kg, respectively, and MW01 had a lead exceedance of 26.9 mg/kg.

Background Results

Analytical results of background samples indicate elevated native values of arsenic, barium, and hexavalent chromium exceeding PGSSLs. Arsenic values range from 2.86 to 5.01 mg/kg, barium from 91.7 to 125 mg/kg, and a hexavalent chromium value of 0.09 mg/kg was observed. A native pH value of 4.39, electrical conductivity (EC) value of 4.39 millimhos per centimeter (mmhos/cm), SAR values of 7.20 to 10.5, and a boron concentration of 3.78 milligrams per liter (mg/L) were observed elevated above SSR standards.

Recommendations and Analysis

Based on soil sampling completed by Confluence, all organic constituents of concern are within PGSSLs. Levels of pH, SAR, arsenic, barium, and hexavalent chromium, above allowable limits remain in the investigation area. However, site-specific background data collected from the Location indicate that these levels are within native conditions. The Location is characterized as Olney Fine Sandy Loam soil classification and background soil samples collected from the same soil profile as well as soil characterized as Aquolls and Aquepts, flooded, demonstrates elevated levels of these constituents in native soil. Both soil profiles were formed in alluvium and are commonly associated with low-lying, floodplain environments, indicating similar geologic and hydrologic influences. Based on similar soil classifications, parent material, and proximity to the site investigation area, it is reasonable to conclude that elevated levels of pH, SAR, arsenic, barium, and hexavalent chromium are consistent with native conditions. Therefore, Confluence recommends that Chevron request an alternative allowable limit for pH of 8.29 and 10.5 for SAR in accordance with Table 915-1 Footnote 1 and alternative allowable limits for arsenic, barium, and hexavalent chromium of 6.73, 156, and 0.11 mg/kg, respectively, in accordance with Table 915-1 Footnote 11.

Assuming the proposed alternative allowable limits are approved, elevated levels of pH, SAR, barium, hexavalent chromium, and lead remain in the investigation area. However, existing background samples collected from native, non-disturbed soils north of the Location do not characterize the actively managed manure compost field immediately adjacent to the Location. Manure compost can alter salinity, acidity, and influence the observed levels of metals within soils. Confluence recommends a targeted background study within the compost management area to fully characterize native soils. Samples within the manure compost field should be collected directly from the source and at depths that match existing soil boring intervals. This data will be used to establish a representative land-use background for the Location and to determine whether observed concentrations are consistent with site-specific agricultural management rather than attributable to oil and gas operations.

Closing

Confluence is grateful for the opportunity to support you with this project. If you have any questions about the methods, results or recommendations presented here, please do not hesitate to contact us.

Regards,

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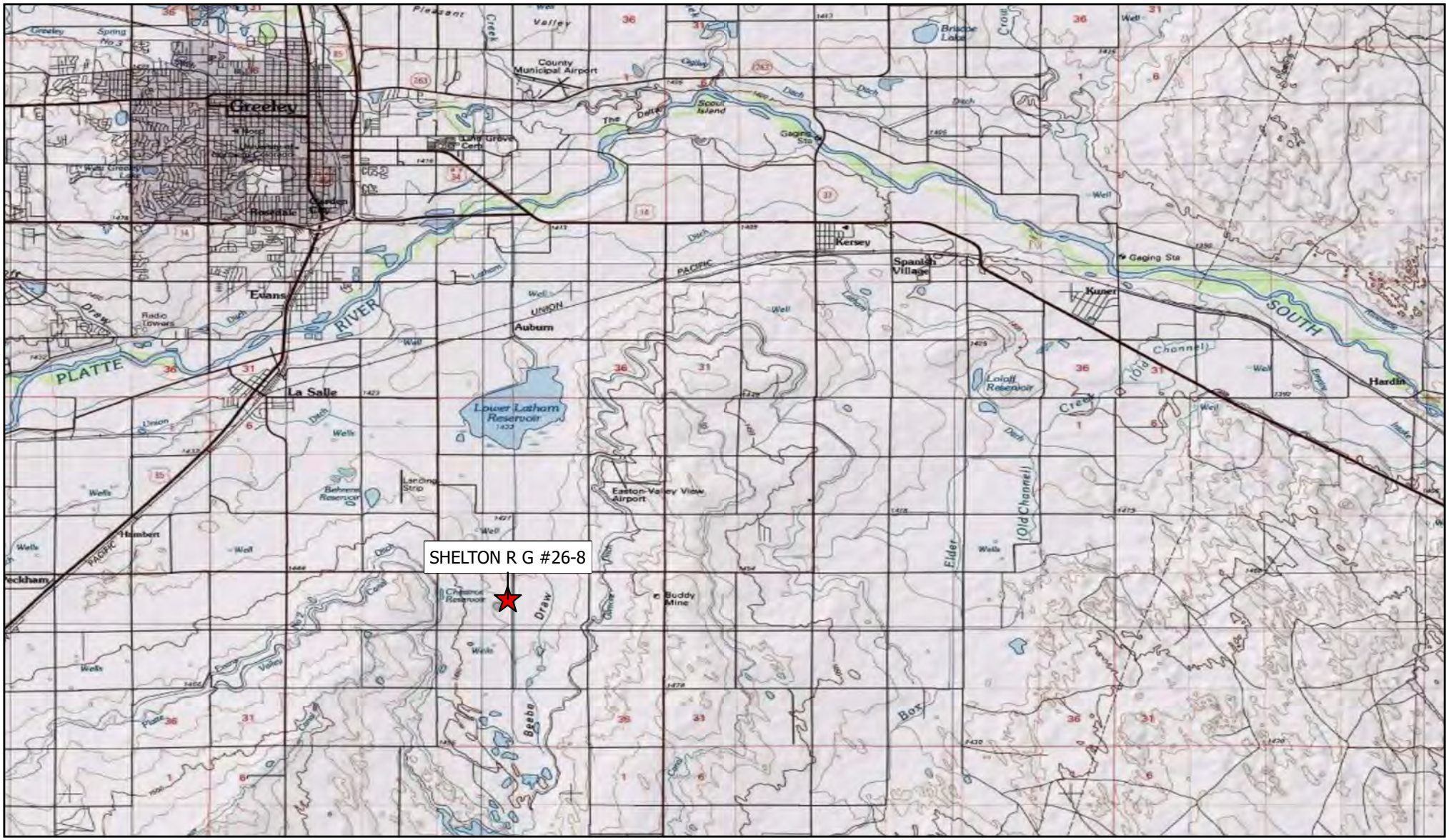
Attachments

- Topographic Location Map
- Site Diagram – Project Overview
- Table 1 – Field Data Summary Table
- Table 2 – Summary of Volatile Organic Soil Chemistry Data
- Table 3 – Summary of Polycyclic Aromatic Hydrocarbon Soil Chemistry Data
- Table 4 – Summary of Soil Suitability for Reclamation
- Table 5 – Summary of Metals in Soil Chemistry Data
- Soil Boring Logs
- Photographic Log

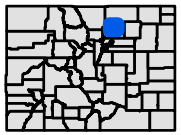


Topographic Location Map

operator name (#): NOBLE ENERGY, INC. (100322)
name (API/ID): SHELTON R G #26-8 (05-123-12791)
legal description: SENE Sec. 26 T4N-R65W
city, county: Unincorporated, Weld County
lat, long: 40.285020, -104.623510

0 0.85 1.7 3.4 Miles

N



CONFLUENCE
COMPLIANCE COMPANIES

Spatial data is sourced from the ECMC and CDOT. Illustration discrepancies may be present in this diagram due to the inherent limitations of data accuracy for both project data and the underlying aerial imagery. The position of illustrated data may have been manually adjusted to align with the aerial imagery in a manner more representative of field conditions for presentation purposes only.

Map Drafted by: Miranda Beard on 7/25/2025 | Filepath: Documents\CLIENTS\Chevron\Shelton_G25-02_(05-123-18981)\Figures | Map Projected using WGS 84 (Auxiliary Sphere) | Imagery Sourced from NAIP (2001-2002)

Site Diagram - Project Overview

operator name (#): NOBLE ENERGY, INC. (100322)
name (API/ID): SHELTON R G #26-8 (05-123-12791)
legal description: SENE Sec. 26 T4N-R65W
city, county: Unincorporated, Weld County
lat, long: 40.285020, -104.623510

0 135 270 540 Feet

- Soil Sample: Collected by Eagle (6/30/2023); Recharacterized by Confluence (6/23/2025)
- Soil Sample: Collected by Tasman (8/14/2023)
- Groundwater Grab Sample: Collected by Eagle (6/30/2023); Groundwater Monitoring Well Installed by Confluence (6/23/2025)
- Soil Boring / Groundwater Well
- Background Soil Sample: Collected by Confluence (6/23/2025)
- Proposed Background Soil Sample
- Proposed Manure Characterization / Background Soil Sample
- Approximate Flowline (Abandoned in Place)
- NRSC Soil Survey: Map Unit Boundary

N
1:3,400

CONFLUENCE
COMPLIANCE COMPANIES

Map Drafted by: Miranda Beard on 8/26/2025 | Filepath: Documents\CLIENTS\Chevron\Shelton_RG_26-08_FL_(05-123-12791)\Figures | Map Projected using WGS 84 (Auxiliary Sphere) | Imagery Sourced from NAIP (2001-2002)

TABLE 1

FIELD DATA SUMMARY TABLE

NOBLE 100322

SHELTON R G #26-8, WELD COUNTY, COLORADO

REM # 29038

Sample ID	Sample Date	Depth (ft)	GPS Data Latitude/Longitude		VOC Concentration (ppm)
WH01-S@6'	6/23/2025	6	40.285003	-104.623531	0.0
WH01-E@6'	6/23/2025	6	40.285028	-104.623516	7.2
WH01-N@6'	6/23/2025	6	40.285045	-104.623535	0.2
WH01-W@5-7'	6/23/2025	7	40.285021	-104.623563	0.4
MW01@6'	6/23/2025	6	40.285025	-104.623537	2.0
MW02@5'	6/23/2025	5	40.284945	-104.623542	0.2
MW03@5'	6/23/2025	5	40.285029	-104.623430	0.0
MW04@5'	6/23/2025	5	40.285108	-104.623540	0.2
MW05@6'	6/23/2025	6	40.285037	-104.623651	0.5
BKG01@5'	6/23/2025	5	40.285794	-104.624231	0.0
BKG02@5'	6/23/2025	5	40.285559	-104.623921	0.0
BKG03@5'	6/23/2025	5	40.285332	-104.623452	1.6
BKG04@5'	6/23/2025	5	40.285051	-104.623083	2.2

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

ft = Feet

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE 100322
SHELTON R G #26-8, WELD COUNTY, COLORADO
REM # 29038

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-S@6'	6/23/2025	6	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.002*	*<500*	*<0.200*	*<25.0*	*<100*
WH01-E@6'	6/23/2025	6	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	0.00310	*<0.00200*	*<0.002*	0.232	0.232	*<25.0*	*<100*
WH01-N@6'	6/23/2025	6	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.002*	*<500*	*<0.200*	*<25.0*	*<100*
WH01-W@5-7'	6/23/2025	7	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.002*	*<500*	*<0.200*	*<25.0*	*<100*
MW01@6'	6/23/2025	6	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.002*	*<500*	*<0.200*	*<25.0*	*<100*
MW02@5'	6/23/2025	5	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.002*	*<500*	*<0.200*	*<25.0*	*<100*
MW03@5'	6/23/2025	5	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.002*	*<500*	*<0.200*	*<25.0*	*<100*
MW04@5'	6/23/2025	5	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.002*	*<500*	*<0.200*	*<25.0*	*<100*
MW05@6'	6/23/2025	6	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.00200*	*<0.002*	*<500*	*<0.200*	*<25.0*	*<100*

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

TABLE 3
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE 100322
SHELTON R G #26-8, WELD COUNTY, COLORADO
REM # 29038

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-S@6'	6/23/2025	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*
WH01-E@6'	6/23/2025	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	0.004
WH01-N@6'	6/23/2025	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*
WH01-W@5-7'	6/23/2025	7	*<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*
MW01@6'	6/23/2025	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*
MW02@5'	6/23/2025	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*
MW03@5'	6/23/2025	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*
MW04@5'	6/23/2025	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*
MW05@6'	6/23/2025	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*

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

TABLE 4

SUMMARY OF SOIL SUITABILITY FOR RECLAMATION

NOBLE 100322

SHELTON R G #26-8, WELD COUNTY, COLORADO

REM # 29038

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-S@6'	6/23/2025	6	**8.36**	1.56	5.92	0.780
WH01-E@6'	6/23/2025	6	**11.6**	2.30	**9.57**	1.44
WH01-N@6'	6/23/2025	6	**8.48**	1.21	**7.08**	0.316
WH01-W@5-7'	6/23/2025	7	8.21	1.89	5.49	1.39
MW01@6'	6/23/2025	6	8.18	1.51	5.02	1.08
MW02@5'	6/23/2025	5	8.06	3.38	**9.41**	0.880
MW03@5'	6/23/2025	5	8.26	2.86	**12.2**	0.498
MW04@5'	6/23/2025	5	8.25	2.24	**8.20**	0.586
MW05@6'	6/23/2025	6	8.29	3.54	**10.2**	1.16
BKG01@5'	6/23/2025	5	8.29	0.608	2.66	0.316
BKG02@5'	6/23/2025	5	8.14	0.933	3.31	0.299
BKG03@5'	6/23/2025	5	8.27	1.42	7.20	0.778
BKG04@5'	6/23/2025	5	8.09	4.39	10.5	3.78
Maximum Background Concentration			8.52	4.39	10.5	3.78

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.

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE 100322
SHELTON R G #26-8, WELD COUNTY, COLORADO
REM # 29038

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-S@6'	6/23/2025	6	**2.28**	75.0	*<0.337*	**0.22**	*<40.8*	**17.0**	*<23.1*	*<0.231*	*<0.710*	*<328*
WH01-E@6'	6/23/2025	6	**2.06**	*<74.4*	*<0.345*	**0.20**	*<41.8*	*<12.7*	*<23.6*	*<0.236*	*<0.726*	*<336*
WH01-N@6'	6/23/2025	6	**2.13**	72.4	*<0.323*	*<0.20**	*<39.1*	*<11.9*	*<22.1*	*<0.221*	*<0.680*	*<314*
WH01-W@5-7'	6/23/2025	7	**2.53**	76.9	*<0.353*	**0.13**	*<42.7*	**28.7**	*<24.1*	*<0.241*	*<0.742*	*<343*
MW01@6'	6/23/2025	6	**2.07**	74.2	*<0.328*	*<0.19**	*<39.6*	**26.9**	*<22.4*	*<0.224*	*<0.690*	*<319*
MW02@5'	6/23/2025	5	**4.17**	**161**	*<0.335*	**0.08**	*<40.6*	*<12.3*	*<22.9*	*<0.229*	*<0.705*	*<326*
MW03@5'	6/23/2025	5	**2.10**	**82.4**	*<0.350*	*<0.20**	*<42.4*	*<12.9*	*<24.0*	*<0.240*	*<0.738*	*<341*
MW04@5'	6/23/2025	5	**2.80**	**88.1**	*<0.347*	*<0.20**	*<41.9*	*<12.8*	*<23.7*	*<0.237*	*<0.730*	*<337*
MW05@6'	6/23/2025	6	**2.09**	75.9	*<0.343*	**0.15**	*<41.5*	*<12.6*	*<23.5*	*<0.235*	*<0.723*	*<334*
BKG01@5'	6/23/2025	5	3.45	100	*<0.324*	*<0.20**	*<39.2*	*<11.9*	*<22.2*	*<0.222*	*<0.682*	*<315*
BKG02@5'	6/23/2025	5	5.01	91.7	*<0.360*	*<0.19**	*<43.6*	*<13.3*	*<24.6*	*<0.246*	*<0.757*	*<350*
BKG03@5'	6/23/2025	5	5.38	125	*<0.346*	*<0.20**	*<41.8*	*<12.7*	*<23.6*	*<0.236*	*<0.727*	*<336*
BKG04@5'	6/23/2025	5	2.86	89.5	*<0.377*	0.09	*<45.6*	*<13.9*	*<25.8*	*<0.258*	*<0.794*	*<367*
1.25x Maximum Background Concentration			6.72	156	-	0.11	-	-	-	-	-	-

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x background concentrations.
2. **Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.
3. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
4. 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
* Indicates laboratory minimum detection limit in excess of SSL

Boring Number: MW-01			Lat/Long: 40.285025, -104.623537	
Scope: Characterization Soil Sampling & GWMW Install			Drilling Equipment: Power Probe 9500 / HSA	
Drilling Method: SSA	Drilling Contractor: Alpine Remediation			Driller: Tom Morris
Date: 06/23/2025	Start Time: 1020	Finish Time: 1035	DTW: 3.9'	Total Depth of Boring: 10'
Geologist: Holly Tignac				

Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1020	10%	NA	CL	Brown, Sandy Clay Loam, Moist, Medium Plasticity. No Odor or Staining.	0.5
5 - 10	1030	80%	NA	CL	Brown with Black Streaks, Sandy Clay Loam, Moist, Medium Plasticity, Light Odor. Wet at 7'	2.0
					5 feet Screen 5 feet Riser 2 feet Sand Above Screen 3 feet Bentonite plug Flush Mount 2-Inch PVC	

Samples Collected:	Comments:
6' (3 jars)	

DTW = Depth to Water
NA = Not Applicable
ft = Feet
ppm = Parts Per Million
bgs = Below Ground Surface

Boring Number: MW-02			Lat/Long: 40.284945, -104.623542	
Scope: Characterization Soil Sampling & GWMW Install			Drilling Equipment: Power Probe 9500 / HSA	
Drilling Method: SSA	Drilling Contractor: Alpine Remediation			Driller: Tom Morris
Date: 06/23/2025	Start Time: 0915	Finish Time: 0925	DTW: 2.8'	Total Depth of Boring: 10'
Geologist: Holly Tignac				

Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 2	0920	60%	NA	CL	Brown, Sandy Clay, Dry, Low Plasticity. No Odor or Staining.	0.3
2 - 5	0920	60%	NA	CL	Brown, Sandy Clay Loam, Moist, Medium Plasticity. No Odor or Staining.	0.2
5 - 10	0925	80%	NA	CL	Tan, Sandy Clay, Moist, Medium Plasticity. No Odor or Staining. Wet at 6' bgs. 6 feet Screen 4 feet Riser 1 foot Sand Above Screen 3 feet Bentonite plug Flush Mount 2-Inch PVC	0.2

Samples Collected:	Comments:
5' (3 jars)	

DTW = Depth to Water
NA = Not Applicable
ft = Feet
ppm = Parts Per Million
bgs = Below Ground Surface

Boring Number: MW-03			Lat/Long: 40.285029, -104.623430	
Scope: Characterization Soil Sampling & GWMW Install			Drilling Equipment: Power Probe 9500 / HSA	
Drilling Method: SSA	Drilling Contractor: Alpine Remediation			Driller: Tom Morris
Date: 06/23/2025	Start Time: 1040	Finish Time: 1050	DTW: 2.4'	Total Depth of Boring: 10'
Geologist: Holly Tignac				

Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1040	80%	NA	CL	Brown with Orange Streaks, Sandy Clay Loam, Moist, Medium Plasticity. No Odor or Staining.	0.0
5 - 10	1050	85%	NA	CL	Brown with Orange Streaks, Sandy Clay Loam, Moist, Medium Plasticity. No Odor or Staining. Wet at 6' 6 feet Screen 4 feet Riser 1 foot Sand Above Screen 3 feet Bentonite plug J-Plug 2-Inch PVC	0.0

Samples Collected:	Comments:
5' (3 jars)	

DTW = Depth to Water
NA = Not Applicable
ft = Feet
ppm = Parts Per Million
bgs = Below Ground Surface

Boring Number: MW-04			Lat/Long: 40.285108, -104.623540	
Scope: Characterization Soil Sampling & GWMW Install			Drilling Equipment: Power Probe 9500 / HSA	
Drilling Method: SSA	Drilling Contractor: Alpine Remediation			Driller: Tom Morris
Date: 06/23/2025	Start Time: 1050	Finish Time: 1055	DTW: 2.7'	Total Depth of Boring: 10'
Geologist: Holly Tignac				

Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1050	70%	NA	CL	Brown with Orange Streaks, Sandy Clay Loam, Moist, Medium to High Plasticity. No Odor or Staining.	0.2
5 - 10	1055	50%	NA	CL	Brown with Orange Streaks, Sandy Clay Loam, Moist, Medium to High Plasticity. No Odor or Staining Wet at 6' 6 feet Screen 4 feet Riser 1 foot Sand Above Screen 3 feet Bentonite plug Flush Mount 2-Inch PVC	0.0

Samples Collected:	Comments:
5' (3 jars)	

DTW = Depth to Water
NA = Not Applicable
ft = Feet
ppm = Parts Per Million
bgs = Below Ground Surface

Boring Number: MW-05			Lat/Long: 40.285037, -104.623651	
Scope: Characterization Soil Sampling & GWMW Install			Drilling Equipment: Power Probe 9500 / HSA	
Drilling Method: SSA	Drilling Contractor: Alpine Remediation			Driller: Tom Morris
Date: 06/23/2025	Start Time: 1100	Finish Time: 1110	DTW: 3.1'	Total Depth of Boring: 10'
Geologist: Holly Tignac				

Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1105	80%	NA	CL	Brown, Sandy Clay Loam, Moist, Medium Plasticity. No Odor or Staining.	0.5
5 - 10	1110	80%	NA	CL	Brown/Gray, Sandy Clay Loam, Moist, Medium Plasticity, Light Odor. Wet at 7'	0.5
					5 feet Screen 5 feet Riser 2 feet Sand Above Screen 3 feet Bentonite plug Flush Mount 2-Inch PVC	

Samples Collected:	Comments:
6' (3 jars)	

DTW = Depth to Water
NA = Not Applicable
ft = Feet
ppm = Parts Per Million
bgs = Below Ground Surface

Boring Number: BKG01			Lat/Long: 40.285794, -104.624231	
Scope: Background Soil Sampling			Drilling Equipment: Power Probe 9500	
Drilling Method: Direct Push	Drilling Contractor: Alpine Remediation			Driller: Tom Morris
Date: 06/23/2025	Start Time: 1135	Finish Time: 1145	DTW: NA	Total Depth of Boring: 10'
Geologist: Holly Tignac				

Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1140	60%	NA	CL	Tan to Brown with Orange Streaks, Sandy Clay Loam, Moist, Medium Plasticity. No Odor or Staining.	0.0
5 - 10	1145	90%	NA	CL	Sandy Loam, Low Plasticity. No Odor, Iron Oxide Staining at 8' Wet at 6'	1.4

Samples Collected:	Comments:
5' (2 jars)	Backfilled with bentonite chips

DTW = Depth to Water
NA = Not Applicable
ft = Feet
ppm = Parts Per Million
bgs = Below Ground Surface

Boring Number: BKG02			Lat/Long: 40.285559, -104.623921	
Scope: Background Soil Sampling & GWMW Install			Drilling Equipment: Power Probe 9500 / HSA	
Drilling Method: SSA	Drilling Contractor: Alpine Remediation			Driller: Tom Morris
Date: 06/23/2025	Start Time: 1150	Finish Time: 1200	DTW: 1.5'	Total Depth of Boring: 10'
Geologist: Holly Tignac				

Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1150	85%	NA	CL	Tan with Orange Streaks, Sandy Clay Loam, Moist, Medium Plasticity. No Odor or Staining.	0.0
5 - 10	1155	95%	NA	CL	Tan with Orange Streaks, Sandy Clay Loam, Wet, Medium Plasticity. No Odor or Staining. Wet at 6' 6 feet Screen 4 feet Riser 1 foot Sand Above Screen 3 feet Bentonite plug Flush Mount 2-Inch PVC	0.0

Samples Collected:	Comments:
5' (2 jars)	

DTW = Depth to Water
NA = Not Applicable
ft = Feet
ppm = Parts Per Million
bgs = Below Ground Surface

Boring Number: BKG03			Lat/Long: 40.285332, -104.623452	
Scope: Background Soil Sampling			Drilling Equipment: Power Probe 9500	
Drilling Method: Direct Push	Drilling Contractor: Alpine Remediation			Driller: Tom Morris
Date: 06/23/2025	Start Time: 1230	Finish Time: 1245	DTW: NA	Total Depth of Boring: 10'
Geologist: Holly Tignac				

Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1235	75%	NA	CL	Tan with Orange Streaks, Sandy Clay Loam, Moist, Medium Plasticity. No Odor or Staining.	1.6
5 - 10	1240	80%	NA	CL	Tan with Orange Streaks, Sandy Clay Loam, Moist, Medium Plasticity. No Odor or Staining. Wet at 6'	1.7

Samples Collected: 5' (2 jars)	Comments: Backfilled with bentonite chips

DTW = Depth to Water
NA = Not Applicable
ft = Feet
ppm = Parts Per Million
bgs = Below Ground Surface

Boring Number: BKG04			Lat/Long: 40.285051, -104.623083	
Scope: Background Soil Sampling			Drilling Equipment: Power Probe 9500	
Drilling Method: Direct Push	Drilling Contractor: Alpine Remediation			Driller: Tom Morris
Date: 06/23/2025	Start Time: 1245	Finish Time: 1300	DTW: NA	Total Depth of Boring: 10'
Geologist: Holly Tignac				

Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1250	70%	NA	CL	Brown, Sandy Clay Loam, Moist, Medium Plasticity. No Odor or Staining.	2.2
5 - 10	1255	70%	NA	CL	Tan, Sandy Clay Loam, Wet, Low Plasticity. No Odor or Staining. Wet at 6'	2.4

Samples Collected:	Comments:
5' (2 jars)	Backfilled with bentonite chips

DTW = Depth to Water
NA = Not Applicable
ft = Feet
ppm = Parts Per Million
bgs = Below Ground Surface

Photographic Log

Facility Closure Investigation
SHELTON R G #26-8 (API: 05-123-12791)

WH01-N Location: View East

WH01-E Location: View Southeast

WH01-S Location: View East

WH01-W Location: View Southeast

MW01 Location: View Southeast

MW02 Location (Pre-Monitoring Well Borehole): View East

MW03 Location: View South

MW04 Location: View Northeast

MW05 Location: View Northeast

BKG01 Location: View North

BKG02 Location: View North

BKG03 Location: View Northwest

BKG04 Location: View East