NOBLE ENERGY, INC

Second Quarter 2025 Groundwater Monitoring Summary

August 26, 2025

SHELTON R G #26-8

SESE Sec. 4 T4N-R66W

40.285020, -104.623510

Weld County, Colorado

Remediation # 29038

This groundwater monitoring summary has been prepared by Confluence Compliance Companies, LLC (Confluence) for the former SHELTON R G #26-8 (API: 05-123-12791) location.

Site History and Background

Pursuant to Colorado Energy & Carbon Management Commission (ECMC) Rule 911, initial wellhead characterization sampling was conducted on June 30, 2023, by Eagle Environmental Consulting, LLC (Eagle). Four soil samples were collected: one from each sidewall at 5 feet below ground surface (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; 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, initial flowline characterization sampling was completed by a Tasman Geosciences (Tasman) following the abandonment of approximately 1,246 feet of flowline. Ten samples were collected and field-screened from the flowline corridor. The most impacted soil based on field-screening (the sample collected at the flowline connection to the wellhead) was submitted for analysis of full Table 915-1 constituents. Analytical results indicated levels of arsenic, cadmium, and lead above PGSSLs.

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. Four background soil samples were also collected in native, nearby, non-disturbed areas to further characterize native concentrations of inorganics at the Location and BKG02 was completed as a background monitoring well. Analytical results of the wellhead recharacterization sample were compliant with PGSSLs except for hexavalent chromium and lead. Analytical results of collected soil samples were compliant with PGSSLs except for arsenic, barium, hexavalent chromium, and lead. SAR values above the SSR standard were also observed. Background results indicate native levels of arsenic, barium, hexavalent chromium, SAR, and boron above allowable limits.

Groundwater Monitoring Activities

From June 23 through June 26, 2025, Confluence returned to the Location to install, develop, and complete second quarter 2025 sampling of monitoring wells MW-01 through MW-05 and BKG02. All monitoring wells were developed by surging with dedicated disposable polyethylene bailers. Bailers were raised and lowered within the well casing to encourage sediment contained within the sand pack to be released. The bailers were then lowered to the bottom of the casing to remove sediment. Following development, the wells were allowed to recharge prior to sampling. Groundwater samples were collected from each monitoring well using disposable polyethylene bailers. Samples were field-screened using visual and olfactory observations and water quality parameters including pH, dissolved oxygen, temperature, specific conductance, and oxidation reduction potential were collected using a YSI Professional Plus Multiparameter Instrument (YSI). Water quality parameters were monitored until all parameters stabilized within an acceptable range for three successive readings, wells had purged dry, or 10 total well volumes of water were purged, whichever came first. All samples were collected in laboratory provided jars, immediately placed on ice, and to the lab under completed chain-of-custody forms for analysis of all Table 915-1 groundwater constituents of concern.

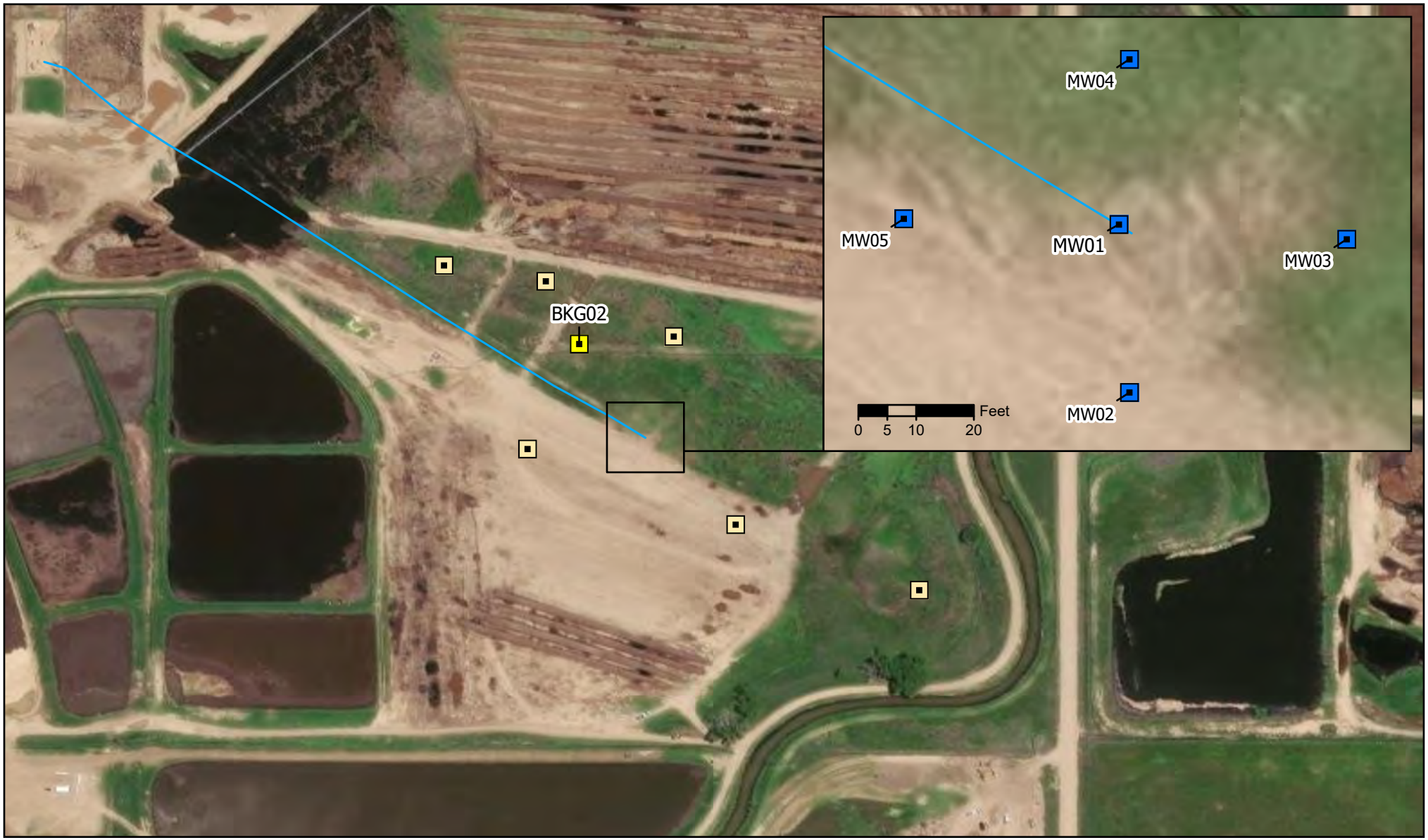
Current Remediation Strategy and Path Forward

As of the second quarter 2025 groundwater monitoring event conducted in June 2025, only one round of groundwater sampling has been completed. Analytical results confirmed compliance with ECMC Table 915-1 standards for all organic constituents across the monitoring network. Elevated levels of total dissolved solids (TDS), chloride, and sulfate concentrations were observed above background levels within all monitoring wells. TDS concentrations range from 1,320 to 2,210 milligrams per liter (mg/L), chloride concentrations range from 337 to 519 mg/L, and sulfate concentrations range from 303 to 712 mg/L. Background threshold values, calculated using a 1.25x multiplier in accordance with ECMC Table 915-1, are 1,225 mg/L for TDS, 293 mg/L for chlorides, and 286 mg/L for sulfates. Based on the second quarter findings, Chevron intends to install additional background monitoring wells and collect additional background groundwater samples to further establish representative native concentrations of TDS. Quarterly groundwater monitoring will continue until compliance with all ECMC Table 915-1 groundwater standards can demonstrated for four consecutive quarters. Depth-to-water (DTW) measurements referenced to the top of casing (TOC) are pending completion of a well survey event and will be reported upon receipt of the survey data.

ATTACHMENTS

Tables

Figures



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

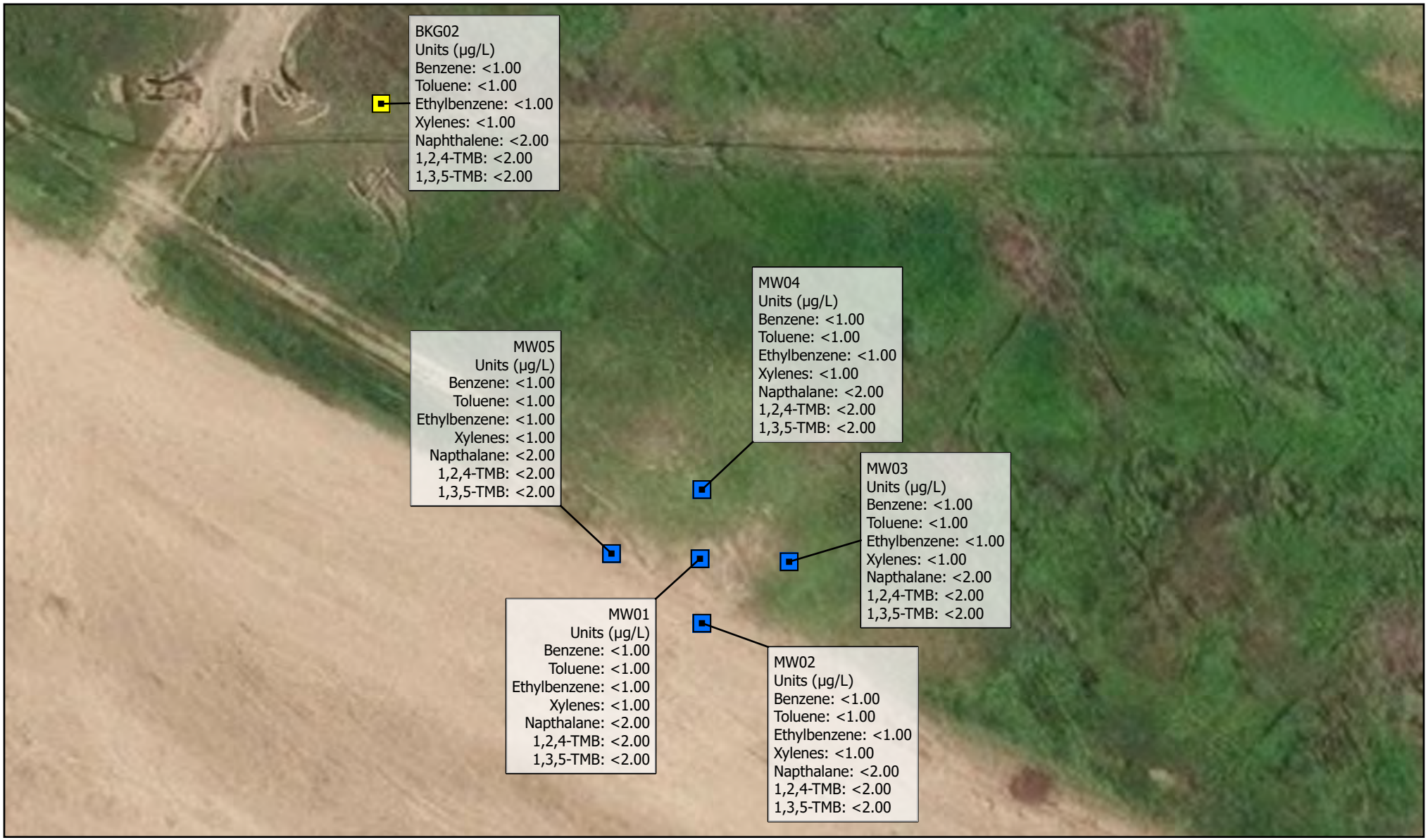
Feet
0 135 270 540

- Background Groundwater Monitoring Well
- Proposed Background Monitoring Well
- Soil Boring / Groundwater Well
- Approximate Flowline (Abandoned in Place)

N
1:3,400

CONFLUENCE
COMPLIANCE COMPANIES

Map Drafted by: Miranda Beard on 8/21/2025 | 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)



Site Diagram - Groundwater Organic Analytical Results

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

Groundwater Well
Background Groundwater Monitoring Well

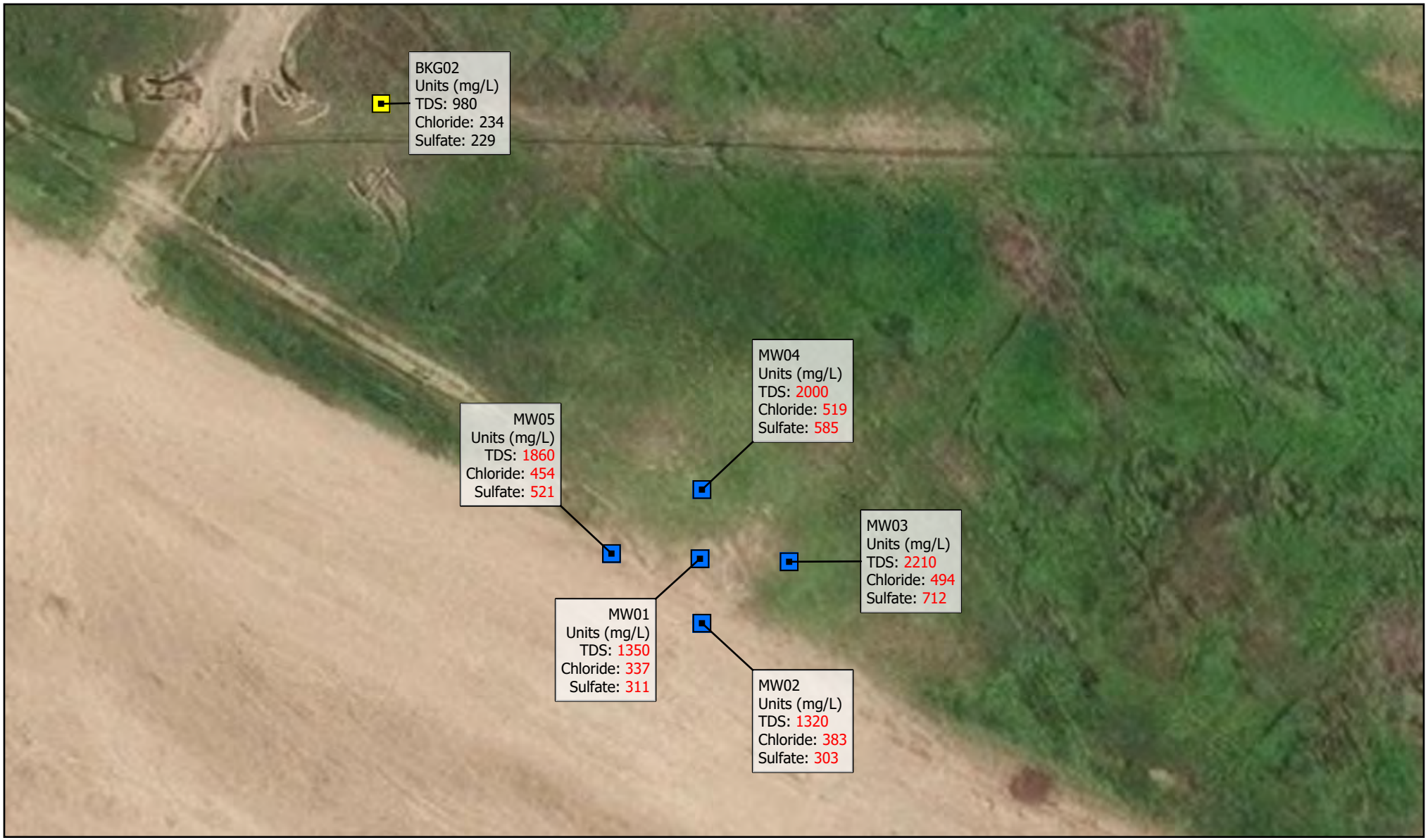
0 25 50 100 Feet

N
1:700

CONFLUENCE
COMPLIANCE COMPANIES

Spatial data was collected using a small unmanned aircraft system. 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 7/29/2025 | 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)



Site Diagram - Groundwater Inorganic Analytical Results

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

Groundwater Well

Background Groundwater Monitoring Well

Red Values Exceed the ECMC Table 915-1 Limit(s) and are Greater than 1.25x Background Concentrations

0 25 50 100 Feet

N

1:700

CONFLUENCE
COMPLIANCE COMPANIES

Spatial data was collected using a small unmanned aircraft system. 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 7/29/2025 | 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
SUMMARY OF GROUNDWATER ORGANIC CHEMISTRY DATA
NOBLE 100322
SHELTON R G #26-8, WELD COUNTY, COLORADO
REM # 29038

Sample ID	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Depth to Groundwater [2] (ft. bgs)	Groundwater Elevation (ft. AMSL)	LNAPL Thickness (ft.)
ECMC Table 915-1 Limits [1]		5.0	560	700	1,400	140	67	67			
MW01	6/26/2025	*<1.00*	*<1.00*	*<1.00*	*<1.00*	*<2.00*	*<2.00*	*<2.00*	*NM*	*NM*	ND
MW02	6/26/2025	*<1.00*	*<1.00*	*<1.00*	*<1.00*	*<2.00*	*<2.00*	*<2.00*	*NM*	*NM*	ND
MW03	6/26/2025	*<1.00*	*<1.00*	*<1.00*	*<1.00*	*<2.00*	*<2.00*	*<2.00*	*NM*	*NM*	ND
MW04	6/26/2025	*<1.00*	*<1.00*	*<1.00*	*<1.00*	*<2.00*	*<2.00*	*<2.00*	*NM*	*NM*	ND
MW05	6/26/2025	*<1.00*	*<1.00*	*<1.00*	*<1.00*	*<2.00*	*<2.00*	*<2.00*	*NM*	*NM*	ND
BKG02	6/26/2025	*<1.00*	*<1.00*	*<1.00*	*<1.00*	*<2.00*	*<2.00*	*<2.00*	*NM*	*NM*	ND

Notes:

1. Groundwater standards referenced from 2 CCR 404-1, Table 915-1, January 15, 2021.

2. Depth to water measurements were measured from ground surface for excavation samples. Monitoring well measurements were collected from top of casing and adjusted using survey data to reflect depth of water from ground surface.

TMB = Trimethylbenzene

ECMC = Colorado Energy and Carbon Management Commission

LNAPL = Light Non-Aqueous Phase Liquid

µg/L = Micrograms per liter

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

ft. = Feet

bgs = below ground surface

AMSL = Above Mean Sea Level

NM = Not measured

ND = Not detected

Red highlighted groundwater analytical values indicate an exceedance of ECMC Groundwater Standard

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

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

Sample ID	Sample Date	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)	Depth to Groundwater [2] (ft. bgs)	Groundwater Elevation (ft. AMSL)
ECMC Table 915-1 Limits [1]		<1.25 x local background	250 or <1.25 x local background	250 or <1.25 x local background	-	-
MW01	06/26/25	**1,350**	**337**	**311**	NM	NM
MW02	06/26/25	**1,320**	**383**	**303**	NM	NM
MW03	06/26/25	**2,210**	**494**	**712**	NM	NM
MW04	06/26/25	**2,000**	**519**	**585**	NM	NM
MW05	06/26/25	**1,860**	**454**	**521**	NM	NM
BKG02	06/26/25	980	234	229	NM	NM
Maximum BKG Concentration x1.25		1,225	293	286	-	-

Notes:

1. Groundwater standards referenced from 2 CCR 404-1, Table 915-1, January 15, 2021.

2. Depth to water measurements were measured from ground surface for excavation samples. Monitoring well measurements were collected from top of casing and adjusted using survey data to reflect depth of water from ground surface.

ECMC = Colorado Energy and Carbon Management Commission
mg/L = Milligrams per liter
(<) = Analytical result is less than the indicated laboratory reporting limit.
ft. = feet
bgs = below ground surface
AMSL = Above Mean Sea Level
NM = Not measured
BKG = Background
= Up-gradient and/or cross-gradient well location used for background concentration.
Maximum historic background concentration used to compare to site inorganic parameters
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 greater than 1.25x background concentrations.