

# NOBLE ENERGY, INC

## Second Quarter 2025 Groundwater Monitoring Summary

July 17, 2025

HSR Fischer 6-23

NWNE Sec 23, T4N, R65W

Remediation # 34710

This groundwater monitoring summary has been prepared by Fremont Environmental, Inc. (Fremont) for the HSR Fischer 6-23 location.

### Site History and Background

Historical soil and groundwater impacts were identified at the site of the former Noble HSR Fischer 6-23 tank battery (HSR Fischer) on January 19, 2024, while potholing for the RBU Madison pipeline. On January 29, 2024, a site investigation was conducted to delineate the extent of soil and groundwater impacts at the HSR Fischer site. Fourteen monitoring wells (MW-1 to MW-14) were installed during the initial site investigation.

On March 5, 2024, the pipeline installation crews installed a 20-inch diameter pipeline through the former HSR Fischer tank battery location. The scope of work included removal and offsite disposal of clean and impacted soil while trenching through the former location. The excavation was intended to accommodate the installation of the pipeline rather than removing all the impacted soil. Approximately 380 cubic yards of clean and impacted soil were excavated and transported to Waste Management's Buffalo Ridge landfill. During the March 5, 2024, pipeline installation project and subsequent reclamation work, 12 of the 14 monitoring wells were destroyed or damaged. The 14 monitoring well network was reinstalled on March 2, 2024.

### Groundwater Monitoring Activities

Second quarter 2025 groundwater sampling was completed at the location on May 16, 2025. Thirteen monitoring wells (MW-1R through MW-12R and MW-14R) were sampled and submitted to Pace Analytical Laboratory for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), naphthalene, 1,2,4-trimethylbenzene (TMB), and 1,3,5-TMB by EPA Method 8260D and Chloride ion & Sulfate ion by EPA Method 9056A and Total Dissolved Solids (TDS) by SM2540 C-2011. Monitoring well MW-13R was covered in surface water and could not be sampled.

The laboratory analytical results indicate that dissolved-phase organic constituents were compliant with their respective ECMC Table 915-1 standards in 11 of 13 wells sampled. Two monitoring wells were reported with concentrations of an organic compound that exceeded the ECMC Table 915-1 standard; two wells exceeded the standard of 5 µg/L for benzene. Further, the laboratory analytical results indicate that Table 915-1 inorganic constituents were compliant with their respective standards and/or calculated background concentrations in all wells sampled. The groundwater analytical data are summarized in Tables 1 and 2. The site location is illustrated on Figure 1, monitoring well locations are illustrated on Figure 2, groundwater elevations are illustrated on Figure 3, groundwater chemistry is illustrated on Figure 4, and the proposed remediation system layout is shown on

Figure 5. A copy of the laboratory report, quality control data, and chain-of-custody documentation is included separately.

## **Current Remediation Strategy and Path Forward**

Monitored natural attenuation (MNA) will be implemented at the site to address dissolved-phase groundwater impacts. A no further action designation will be requested from the ECMC following observation of four consecutive quarters of groundwater compliant with the applicable ECMC Table 915-1 standards, under static conditions, at the site. The Q2 2025 sampling event marks zero quarters of ECMC-compliant groundwater at the site. A solar-powered air sparge (AS) remediation system will be installed to address residual hydrocarbon impacts in the soil and groundwater. The proposed remediation system layout can be found in the attached Figure 5. Air sparge wells were installed at the location on July 22, 2025. A remediation system will be installed as soon as possible, pending availability.

## TABLE OF CONTENTS

### Tables

- 1 Summary of Groundwater Organic Chemistry Data
- 2 Summary of Groundwater Inorganic Chemistry Data

### Figures

- 1 Site Location Map
- 2 Site Map
- 3 Inferred Groundwater Contour Map
- 4 Groundwater Chemistry
- 5 As-Built Remediation System Layout

### Graphs

- 1 Benzene Concentration vs Groundwater Elevation

# ANALYTICAL TABLES

TABLE 1  
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA  
NOBLE 100322  
HSR FISCHER 6-23, WELD COUNTY, COLORADO  
REM # 34710

Sample ID	Sample Date	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)	TOC Elevation (ft)	Depth to Groundwater Below TOC (ft)	Groundwater Elevation (ft)	LNAPL Thickness (ft)
ECMC Table 915-1 Limits		5.0	560	700	1400	140	67	67				
GW01	1/19/2024	190	<1.0	5.8	68	5.8	94	57	NA	NA	NA	<0.1
MW-1	1/29/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	96.78	3.24	93.54	NP
MW-1R	5/2/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	99.97	2.95	97.02	NP
	8/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		4.00	95.97	NP
	11/20/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.73	96.24	NP
	2/27/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		3.29	96.68	NP
	05/16/2025	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00		3.65	96.32	NP
MW-2	1/29/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	96.45	2.86	93.59	NP
MW-2R	5/2/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	99.59	2.54	97.05	NP
	8/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		4.00	95.59	NP
	11/20/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.28	96.31	NP
	2/27/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		2.85	96.74	NP
	05/16/2025	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00		3.22	96.37	NP
MW-3	1/29/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	96.58	2.97	93.61	NP
MW-3R	5/2/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	99.67	2.55	97.12	NP
	8/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		4.05	95.62	NP
	11/20/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.32	96.35	NP
	2/27/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		2.94	96.73	NP
	5/16/2025	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00		3.30	96.37	NP
MW-4	1/29/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	96.47	2.91	93.56	NP
MW-4R	5/2/2024	9.21	<1.00	7.32	81.4	<2.00	18.3	10.3	99.73	2.70	97.03	NP
	8/13/2024	77.2	<1.00	8.73	133	4.28	43.6	27.4		4.18	95.55	NP
	11/20/2024	59	<1.0	11	29	<1.0	29	1.9		3.45	96.28	NP
	2/27/2025	10.9	<1.00	<1.00	3.19	<2.00	<2.00	<2.00		3.01	96.72	NP

Sample ID	Sample Date	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)	TOC Elevation (ft)	Depth to Groundwater Below TOC (ft)	Groundwater Elevation (ft)	LNAPL Thickness (ft)
ECMC Table 915-1 Limits		5.0	560	700	1400	140	67	67				
MW-4R	5/16/2025	34.2	<1.00	2.77	17.5	<5.00	5.86	1.91	99.73	3.38	96.35	NP
MW-5	1/29/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	99.66	5.96	93.70	NP
MW-5R	5/2/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	99.88	3.86	96.02	NP
	8/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		4.14	95.74	NP
	11/20/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.44	96.44	NP
	2/27/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		3.02	96.86	NP
	5/16/2025	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00		3.45	96.43	NP
MW-6	1/29/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	99.34	5.80	93.54	NP
MW-6R	5/2/2024	<1.00	<1.00	<1.00	<1.00	<2.00	2.41	<2.00	99.76	2.77	96.99	NP
	8/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		4.31	95.45	NP
	11/20/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.55	96.21	NP
	2/27/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		3.09	96.67	NP
	5/16/2025	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00		3.50	96.26	NP
MW-7	1/29/2024	3500	<1.0	550	5600	94	790	430	99.69	6.14	93.55	NP
MW-7R	5/2/2024	46.7	<1.00	13.7	175	<2.00	28.4	18.8	99.65	2.62	97.03	NP
	8/13/2024	399	<1.00	13.0	94.7	2.48	46.7	10.9		4.14	95.51	NP
	11/20/2024	<1.0	<1.0	1.2	6.6	<1.0	1.9	<1.0		3.38	96.27	NP
	2/27/2025	186	<1.00	<1.00	2.05	<2.00	<2.00	<2.00		2.75	96.90	NP
	5/16/2025	147	<1.00	6.64	5.00	<5.00	17.2	<1.00		3.33	96.32	NP
MW-8	1/29/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	99.21	5.77	93.44	NP
MW-8R	5/2/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	99.74	2.90	96.84	NP
	8/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		4.37	95.37	NP
	11/20/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.63	96.11	NP
	2/27/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		3.25	96.49	NP
	05/16/2025	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00		3.57	96.17	NP
MW-9	1/29/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	99.78	6.46	93.32	NP
MW-9R	5/2/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NM	3.17	NM	NP
	8/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		4.75	NM	NP

Sample ID	Sample Date	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)	TOC Elevation (ft)	Depth to Groundwater Below TOC (ft)	Groundwater Elevation (ft)	LNAPL Thickness (ft)
ECMC Table 915-1 Limits		5.0	560	700	1400	140	67	67				
MW-9R	11/20/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NM	3.97	NM	NP
	2/27/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	99.95	3.54	96.41	NP
	05/16/2025	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00		3.91	96.04	NP
MW-10 MW-10R	1/29/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	99.82	6.52	93.30	NP
	5/2/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	100.00	3.25	96.75	NP
	8/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		4.77	95.23	NP
	11/20/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.03	95.97	NP
	2/27/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		3.60	96.40	NP
05/16/2025	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00		3.98	96.02	NP	
MW-11 MW-11R	1/29/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	98.87	5.39	93.48	NP
	5/2/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	99.39	2.45	96.94	NP
	8/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		4.02	95.37	NP
	11/20/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.20	96.19	NP
	2/27/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		2.79	96.60	NP
05/16/2025	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00		3.07	96.32	NP	
MW-12 MW-12R	1/29/2024	<1.0	<1.0	<1.0	10	<1.0	<1.0	<1.0	96.61	3.03	93.58	NP
	5/2/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	99.81	2.75	97.06	NP
	8/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		4.23	95.58	NP
	11/20/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.49	96.32	NP
	2/27/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		3.08	96.73	NP
05/16/2025	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00		3.42	96.39	NP	
MW-13 MW-13R	1/29/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	99.11	5.64	93.47	NP
	5/2/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	99.46	2.57	96.89	NP
	8/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		4.05	95.41	NP
	11/20/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.36	96.10	NP
	2/27/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		2.89	96.57	NP
05/16/2025	NA	NA	NA	NA	NA	NA	NA		NM	NM	NM	

Sample ID	Sample Date	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)	TOC Elevation (ft)	Depth to Groundwater Below TOC (ft)	Groundwater Elevation (ft)	LNAPL Thickness (ft)
ECMC Table 915-1 Limits		5.0	560	700	1400	140	67	67				
MW-14	1/29/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	100.00	6.52	93.48	NP
MW-14R	5/2/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	99.54	2.56	96.98	NP
	8/13/2024	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		4.12	95.42	NP
	11/20/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.35	96.19	NP
	2/27/2025	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		2.94	96.60	NP
	05/16/2025	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00		3.29	96.25	NP

1. Bold values exceed the ECMC limit(s)

2. Red highlighted groundwater analytical values indicate a regulatory exceedance

NP - No measurable LNAPL, NA - Not Analyzed, NL - No Limit, INA - Inaccessible, IW - Insufficient Water, DES - Destroyed

**TABLE 2**  
**SUMMARY OF INORGANIC GROUNDWATER CHEMISTRY DATA**  
**NOBLE 100322**  
**HSR FISCHER 6-23, WELD COUNTY, COLORADO**  
**REM # 34710**

Sample ID	Sample Date	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Table 915-1 Limits*		<1.25 x local background	250 or <1.25 x local background	250 or <1.25 x local background
GW01	1/19/2024	1800	381	241
MW-1	1/29/2024	2570	435	942
MW-1R	5/2/2024	2410	468	1100
	8/13/2024	2490	413	833
	11/20/2024	2530	431	974
	2/27/2025	2770	430	1040
	5/16/2025	2890	455	940
MW-2	1/29/2024	2400	411	929
MW-2R	5/2/2024	2260	434	998
	8/13/2024	2430	389	810
	11/20/2024	2130	375	776
	2/27/2025	2330	382	857
	5/16/2025	2510	431	912
MW-3	1/29/2024	3310	554	1390
MW-3R	5/2/2024	3190	542	1440
	8/13/2024	3220	493	1150
	11/20/2024	2550	397	1020
	2/27/2025	3140	454	1180
	5/16/2025	3070	460	1380

Sample ID	Sample Date	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Table 915-1 Limits*		<1.25 x local background	250 or <1.25 x local background	250 or <1.25 x local background
MW-4	1/29/2024	2270	406	830
MW-4R	5/2/2024	2380	443	1100
	8/13/2024	2120	380	713
	11/20/2024	2090	368	758
	2/27/2025	2150	358	788
	5/16/2025	2300	385	698
MW-5	1/29/2024	2180	393	775
MW-5R	5/2/2024	1840	362	838
	8/13/2024	2510	403	823
	11/20/2024	3300	452	1790
	2/27/2025	2840	400	1070
	5/16/2025	4790	607	2170
MW-6	1/29/2024	2450	451	928
MW-6R	5/2/2024	2520	494	1150
	8/13/2024	2370	444	574
	11/20/2024	2090	385	801
	2/27/2025	2800	421	1040
	5/16/2025	3200	<10.0	<50.0
MW-7	1/29/2024	2170	409	409
MW-7R	5/2/2024	2360	467	948
	8/13/2024	2220	430	391
	11/20/2024	2680	553	571
	2/27/2025	3100	561	717
	5/16/2025	3160	<10.0	<50.0

Sample ID	Sample Date	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Table 915-1 Limits*		<1.25 x local background	250 or <1.25 x local background	250 or <1.25 x local background
MW-8	1/29/2024	2110	394	838
MW-8R	5/2/2024	2260	432	1050
	8/13/2024	2270	380	785
	11/20/2024	2150	390	858
	2/27/2025	2340	384	883
	5/16/2025	2420	412	823
	MW-9	1/29/2024	1930	340
MW-9R	5/2/2024	1940	392	800
	8/13/2024	1980	337	610
	11/20/2024	2020	375	713
	2/27/2025	2090	351	697
	5/16/2025	2190	356	661
	MW-10	1/29/2024	2160	367
MW-10R	5/2/2024	2120	386	814
	8/13/2024	2060	356	635
	11/20/2024	1760	338	648
	2/27/2025	2260	379	754
	5/16/2025	2170	420	735
	MW-11	1/29/2024	2380	430
MW-11R	5/2/2024	2610	584	890
	8/13/2024	2280	420	430
	11/20/2024	1970	252	814
	2/27/2025	2420	405	462
	5/16/2025	2160	254	951

Sample ID	Sample Date	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Table 915-1 Limits*		<1.25 x local background	250 or <1.25 x local background	250 or <1.25 x local background
MW-12	1/29/2024	2230	411	840
MW-12R	5/2/2024	2240	421	995
	8/13/2024	2430	379	827
	11/20/2024	2160	388	910
	2/27/2025	2440	379	964
	5/16/2025	2480	364	830
MW-13	1/29/2024	2910	517	1090
MW-13R	5/2/2024	2640	474	1170
	8/13/2024	3030	475	1000
	11/20/2024	2280	388	862
	2/27/2025	2930	453	1080
	5/16/2025	NA	NA	NA
MW-14	1/29/2024	2140	400	778
MW-14R	5/2/2024	2220	448	1070
	8/13/2024	2270	385	756
	11/20/2024	2250	385	806
	2/27/2025	2390	371	770
	5/16/2025	2430	365	711
Background Concentration (Max)		5988	758.75	2712.5

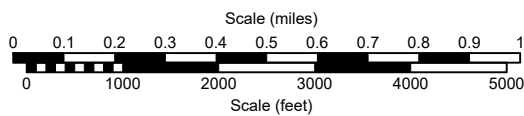
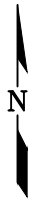
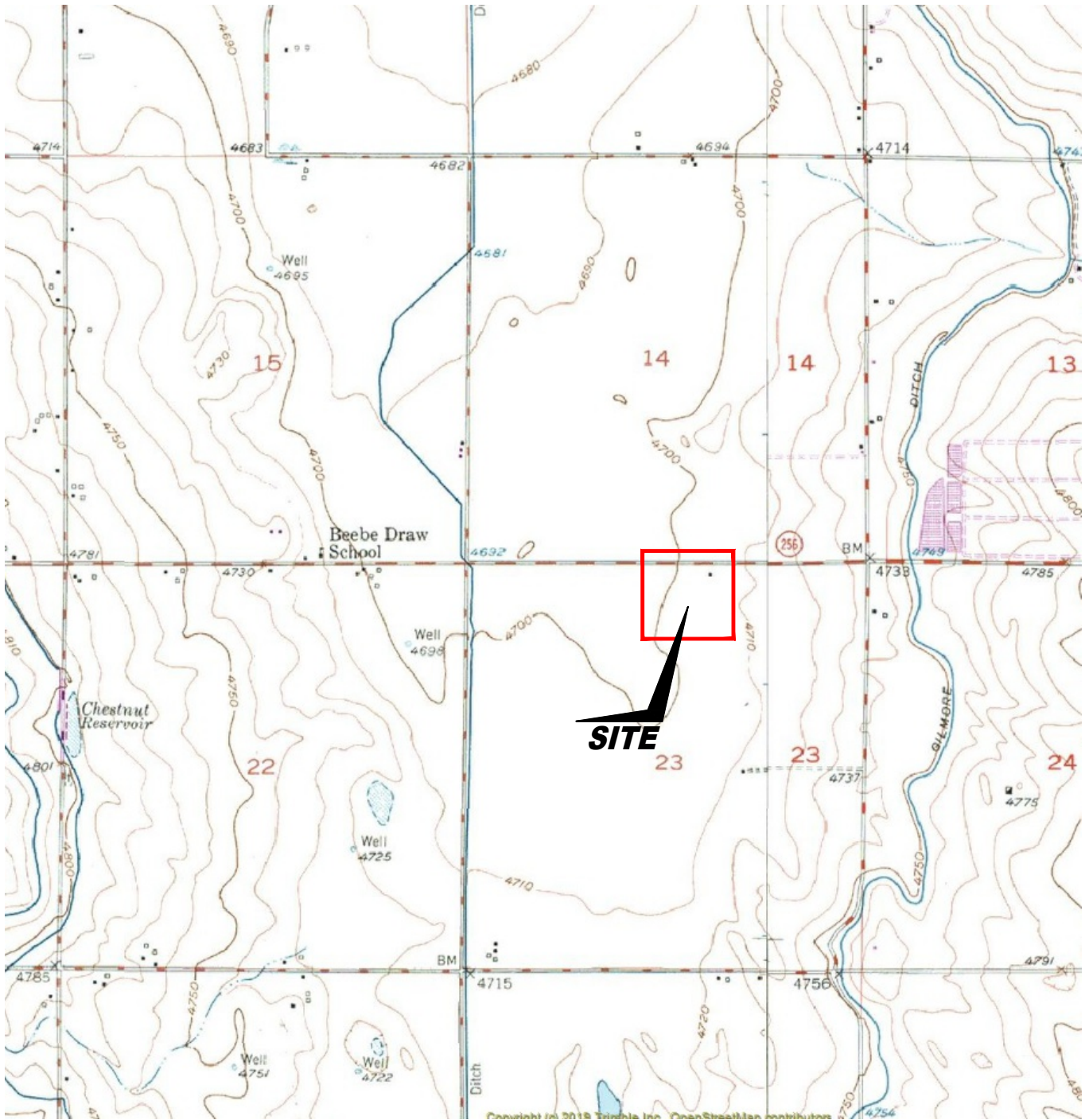
1. Bold values exceed the ECMC limit(s)

2. Blue highlighted groundwater analytical values indicate a regulatory exceedance

NP - No measurable LNAPL, NA - Not Analyzed, INA - Inaccessible, IW - Insufficient Water, DES - Destroyed

MW-5R is used as upgradient/cross gradient well

# FIGURES



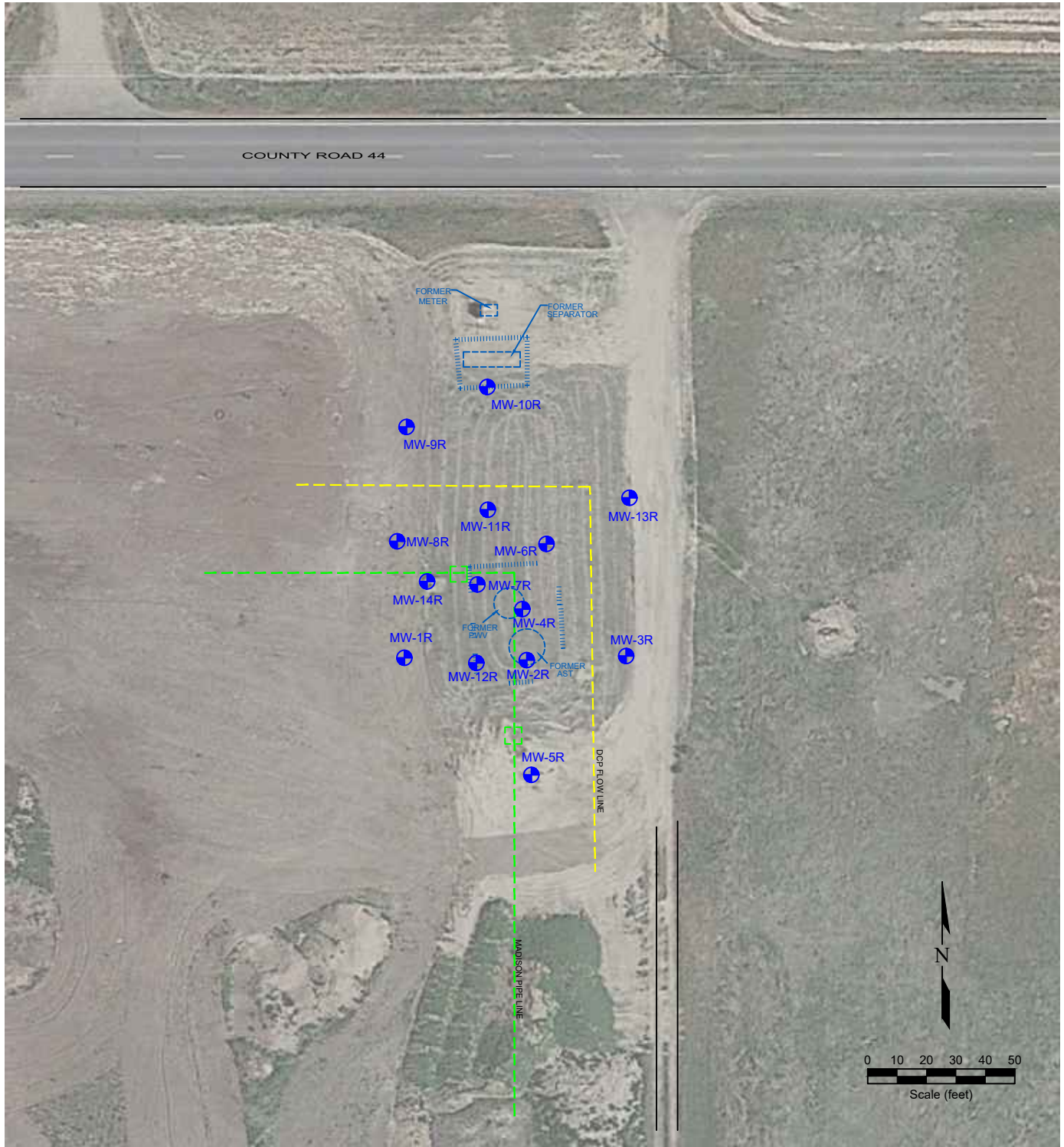
USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1  
**SITE LOCATION MAP**

**Noble Energy, Inc. ~ HSR Fisher 6-23**  
 NWNE, Sec 23, T4N, R65W, 6th P.M.  
 Weld County, Colorado  
 40.30500 ° -104.630639 °

Project No. <b>CO24-016</b>	API #	Facility # <b>309888</b>
Date <b>7/24/25</b>	Remediation #	Filename <b>24016T</b>





**LEGEND**

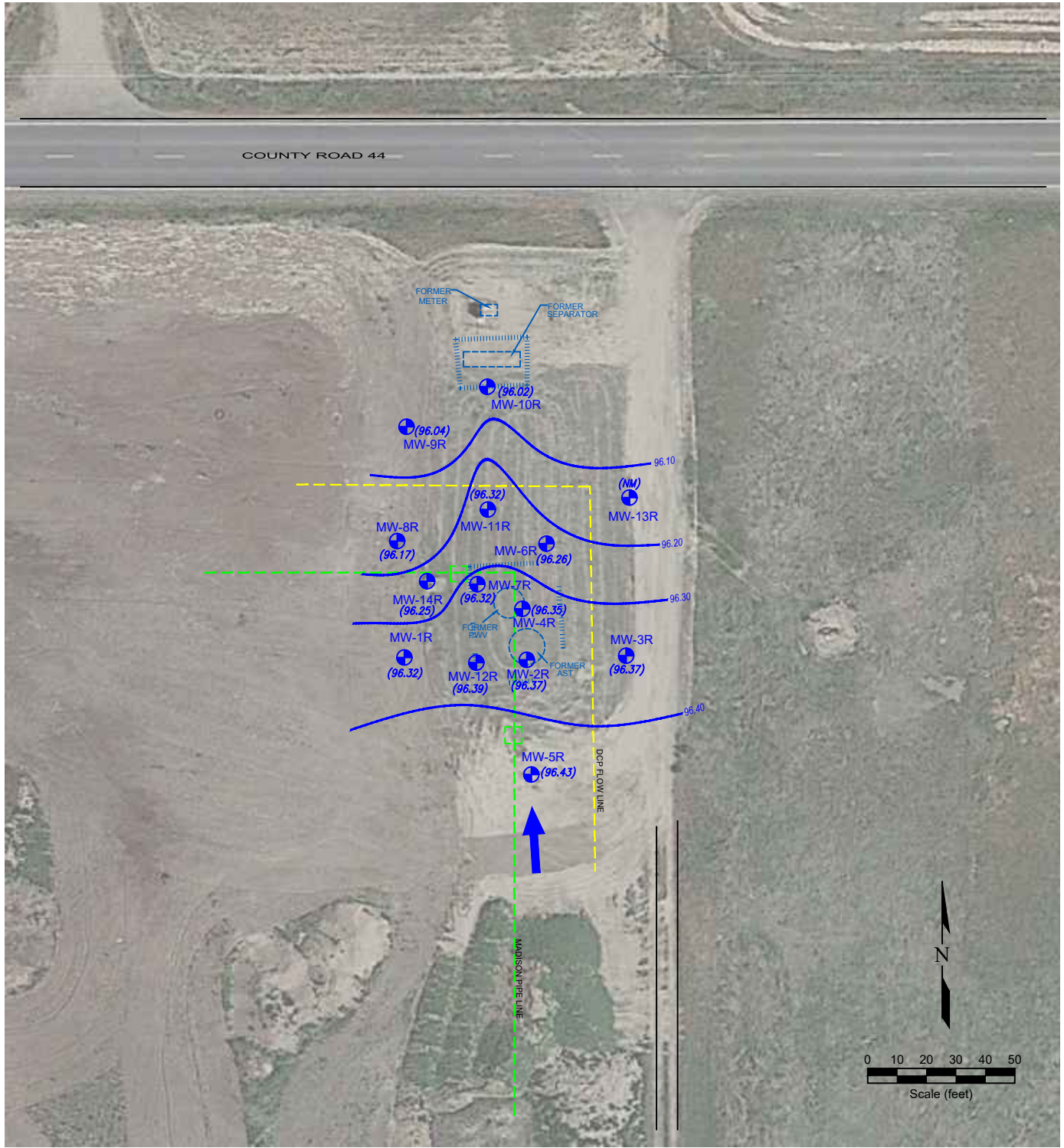
- MONITORING WELL
- AST ABOVE GROUND STORAGE TANK
- FORMER FORMER FACILITY
- DCP FLOW LINE
- MADISON PIPE LINE
- FENCE LINE
- CONTAINMENT BERM
- CONTAINMENT WALL

**Figure 2  
SITE MAP**

**Noble Energy, Inc. ~ HSR Fischer 6-23**  
 NWNE, Sec 23, T4N, R65W, 6th P.M.  
 Weld County, Colorado  
 40.30500 ° -104.630639 °

Project No. <b>CO24-016</b>	API #	Facility # <b>309888</b>
Date <b>7/24/25</b>	Remediation # <b>34710</b>	Filename <b>24016Q</b>





**LEGEND**

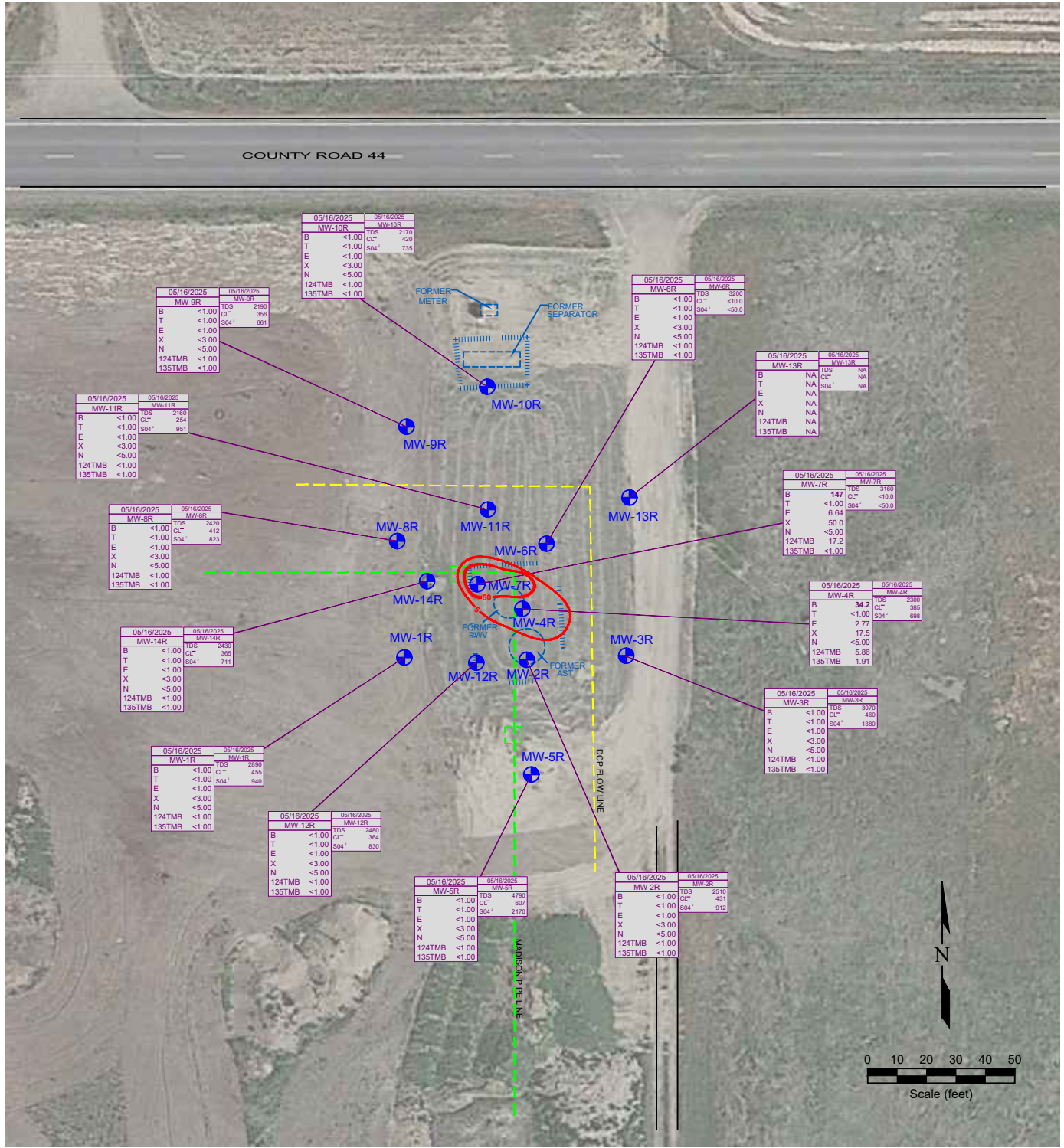
- MONITORING WELL
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- DCP FLOW LINE
- MADISON PIPE LINE
- GROUND WATER ELEVATION (ft above arbitrary datum)
- FENCE LINE
- NOT MEASURED
- WATER TABLE CONTOUR
- CONTAINMENT BERM
- GROUND WATER FLOW DIRECTION
- CONTAINMENT WALL

**Figure 3**  
**INFERRED GROUNDWATER CONTOUR MAP**  
**May 16, 2025**

**Noble Energy, Inc. ~ HSR Fischer 6-23**  
 NWNE, Sec 23, T4N, R65W, 6th P.M.  
 Weld County, Colorado  
 40.30500 ° -104.630639 °

Project No. <b>CO24-016</b>	API #	Facility # <b>309888</b>
Date <b>7/24/25</b>	Remediation # <b>34710</b>	Filename <b>24016Q</b>





**LEGEND**

- MONITORING WELL
- AS1 ABOVE GROUND STORAGE TANK
- FORMER FORMER FACILITY
- DCP FLOW LINE
- MADISON PIPE LINE
- FENCE LINE
- CONTAINMENT BERM
- CONTAINMENT WALL

05/16/2025	DATE SAMPLED	05/16/2025	DATE SAMPLED
MW-1	SAMPLE ID	MW-1	SAMPLE ID
B	<1.00 BENZENE (ug/L)	TDS	2910 TOTAL DISSOLVED SOLIDS (mg/L)
T	<1.00 TOLUENE (ug/L)	CL <sup>-</sup>	469 CHLORIDE ION (mg/L)
E	<1.00 ETHYLBENZENE (ug/L)	SO4 <sup>-2</sup>	1100 SULFATE ION (mg/L)
X	<3.00 TOTAL XYLENES (ug/L)		
N	<5.00 NAPHTHALENE (ug/L)		
124TMB	<1.00 1,2,4-TRIMETHYLBENZENE (ug/L)		
135TMB	<1.00 1,3,5-TRIMETHYLBENZENE (ug/L)		

Figure 4  
**GROUNDWATER CHEMISTRY WITH BENZENE ISO-CONCENTRATION MAP**  
 Noble Energy, Inc. ~ HSR Fischer 6-23  
 NWNE, Sec 23, T4N, R65W, 6th P.M.  
 Weld County, Colorado  
 40.30500° -104.630639°

Project No. <b>CO24-016</b>	API #	Facility # <b>309888</b>
Date <b>7/24/25</b>	Remediation # <b>34710</b>	Filename <b>24016Q</b>





# GRAPHS

Graph 1  
Benzene Concentrations in  
HSR Fischer 6-23 Groundwater Monitoring Wells Over Time

