

# NOBLE ENERGY, INC

## Fourth Quarter 2024 Groundwater Monitoring Summary

April 7, 2025

Gemini B31-11,12,13,14,25

SESW Sec. 31, T5N, R64W

Remediation # 12355

This groundwater monitoring summary has been prepared by Fremont Environmental, Inc. for the Gemini B31-11,12,13,14,25 location.

### Site History and Background

An unintentional release occurred along the produced water line running from the separator to the production tanks at the location. Environmental assessments were conducted in October 2018, December 2018, and January 2019. Based on the results of the environmental assessments, remedial excavation activities occurred in September and October 2019. Approximately 1,050 cubic yards of contaminated soil were excavated and disposed of at the Buffalo Ridge Landfill in Keenesburg, Colorado. The groundwater at the site has been monitored on a quarterly basis since October 2018. Fifteen monitoring wells were installed (MW-1R through MW-6R and MW-7 through MW-15) to monitor dissolved-phase groundwater impacts at the location. Additional remedial excavation occurred at the location between April 15, 2025, and July 7, 2025. Approximately 13,351 cubic yards of impacted soil were excavated and disposed of as non-hazardous waste. Monitoring wells that were destroyed during excavation at the location will be reinstalled after the location has been backfilled.

### Groundwater Monitoring Activities

Second quarter 2025 groundwater sampling was completed at the location on June 5, 2025. Six monitoring wells (MW-2R, MW-7, MW-8, MW-13, MW-14, and MW-15) 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 8260B, semi volatile organic compounds by EPA Method 8270E-SIM, chloride ion & sulfate ion by EPA Method 9056A and Total Dissolved Solids (TDS) by EPA Method 2540 C-2011. Nine monitoring wells (MW-1, MW-3, MW-4, MW-5, MW-6, MW-9, MW-10, MW-11, and MW-12) were destroyed during additional remedial excavation between April and July 2025.

The laboratory analytical results indicate that Table 915-1 dissolved-phase organic constituents were compliant with their respective standards in all wells sampled. 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, and groundwater chemistry is illustrated on Figure 4. A copy of the laboratory report, quality control data, and chain-of-custody documentation is included separately.

## Current Remediation Strategy and Path Forward

On December 17, 2018, Eagle Environmental Inc. (Eagle) installed air sparge (AS) and soil vapor extraction (SVE) pilot test remedial wells (AS-01 and SVE-01) adjacent to monitoring wells MW-03 and MW-08. Eagle completed AS/SVE pilot test activities at the site on January 3, 2019. Based on data collected from monitoring wells MW-02, MW-03, MW-04, MW-05, MW-07, and MW-08, as well as analytical results from the effluent stack vapor sample, AS/SVE technology was not an effective remedial approach for the site. A full assessment report was submitted to ECMC on January 17, 2019.

On January 21, 2019, Fremont Environmental (Fremont) collected soil samples following the removal of the onsite water vault. Based on analytical results, the floor soil sample at six feet below ground surface (bgs) contained concentrations of benzene and TPH exceeding applicable ECMC Table 910-1 regulatory limits.

In February 2019, Eagle and 4X Industrial (4X) completed soil assessment activities to delineate adsorbed petroleum hydrocarbon impacts observed during soil boring site assessment. Fremont Environmental completed the assessment of the former produced water vault at the location. Following soil assessment activities, additional groundwater monitoring activities, and remedial technology evaluations, a source excavation was scheduled. Soil impacts remained in-situ at a depth of 13 feet bgs in the western extent of the excavation.

Additional remedial excavation was undertaken between April 15, 2025, and July 7, 2025. Approximately 13,351 cubic yards of impacted soil were excavated and disposed of as non-hazardous waste.

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 the first quarter of ECMC-compliant groundwater at the site; however, many of the monitoring wells were destroyed during remedial excavation, and POC is not present currently. Monitoring wells that were destroyed during excavation at the location will be reinstalled after the location has been backfilled.

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# ANALYTICAL TABLES

TABLE 1  
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA  
NOBLE 100322  
GEMINI B 31-11,12,13,14,25, WELD COUNTY, COLORADO  
REM # 12355

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)	1-Methyl-napthalene (µg/L)	2-Methyl-napthalene (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-01	04/15/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	99.86	15.30	84.56	NP	
	07/23/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		15.27	84.59	NP	
	10/09/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		15.36	84.50	NP	
	01/27/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		17.44	82.42	NP	
	05/05/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		16.34	83.52	NP	
	07/23/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		15.85	84.01	NP	
MW-01R	10/06/21	<1.00	<1.00	<1.00	<1.00	<4.00	1.01	1.09	NA	NA		15.40	84.46	NP	
	01/07/22	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA	99.80	17.20	82.60	NP	
	04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		18.29	81.51	NP	
	07/25/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		16.82	82.98	NP	
	10/19/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		17.38	82.42	NP	
	01/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA		18.88	80.92	NP	
	05/22/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	99.06	15.74	83.32	NP	
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	1.5	<0.500	<0.500		14.30	84.76	NP	
	03/25/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		16.45	82.61	NP	
	06/24/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		15.07	83.99	NP	
	09/26/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		14.35	84.71	NP	
	12/06/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		15.43	83.63	NP	
06/05/25	DES	DES	DES	DES	DES	DES	DES	DES	DES		DES	DES	DES		
MW-02	04/15/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	100.26	13.86	86.40	NP	
	07/23/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		13.76	86.50	NP	
	10/09/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		13.97	86.29	NP	
	01/27/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		16.44	83.82	NP	
	05/05/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		14.74	85.52	NP	
	07/23/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		14.14	86.12	NP	
	10/06/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		13.69	86.57	NP	
	MW-02R	01/07/22	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA	100.29	15.92	84.37	NP
		04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		17.31	82.98	NP
		07/25/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		14.86	85.43	NP
		10/19/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		15.85	84.44	NP
	01/23/23	NA	NA	NA	NA	NA	NA	NA	NA	NA		17.85	82.44	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)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (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-02R	05/22/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	99.36	14.18	85.18	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		12.22	87.14	NP
	03/25/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		15.13	84.23	NP
	06/24/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		12.66	86.70	NP
	09/26/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		12.19	87.17	NP
	12/06/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		13.55	85.81	NP
	06/05/25	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.250	<0.250		16.63	82.73	NP
MW-03	04/15/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	99.15	13.42	85.73	NP
	07/23/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		13.32	85.83	NP
	10/09/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		13.56	85.59	NP
	01/27/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		15.68	83.47	NP
	05/05/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		14.60	84.55	NP
	07/23/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		13.75	85.40	NP
	10/06/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		13.48	85.67	NP
MW-03R	01/07/22	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		15.22	83.90	NP
	04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		16.45	82.67	NP
	07/25/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA	99.12	14.63	84.49	NP
	10/19/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		15.40	83.72	NP
	01/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA		17.20	81.92	NP
	05/22/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	98.17	14.46	83.71	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		12.66	85.51	NP
	03/25/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		14.45	83.72	NP
	06/24/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		13.17	85.00	NP
	09/26/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		12.65	85.52	NP
12/06/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		13.46	84.71	NP	
06/05/25	DES	DES	DES	DES	DES	DES	DES	DES	DES		DES	DES	DES	
MW-04	04/15/20	2460	1300	77.5	1160	NA	NA	NA	NA	NA	98.10	13.19	84.91	NP
	07/23/20	1550	190	27.5	281	NA	NA	NA	NA	NA		13.29	84.81	NP
	10/09/20	1260	683	22.0	587	NA	NA	NA	NA	NA		13.75	84.35	NP
	01/27/21	194	141	1.95	46.1	<4.00	1.21	3.75	NA	NA		15.36	82.74	NP
	05/05/21	219	191	1.83	52.7	<4.00	<1.00	2.22	NA	NA		14.81	83.29	NP
	07/23/21	631	135	5.67	78.4	<4.00	7.61	<4.00	NA	NA		13.99	84.11	NP
	10/06/21	3020	348	89.8	1080	<16.0	145	43	NA	NA		13.75	84.35	NP
MW-04R	01/07/22	36.1	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA	94.93	15.02	83.08	NP
	04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		16.08	82.02	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)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (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-04R	07/25/22	<1.00	2.23	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA	94.93	14.74	83.36	NP	
	10/19/22	1.62	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		15.36	82.74	NP	
	01/23/23	3.70	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA		16.76	81.34	NP	
	05/22/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	94.93	12.58	82.35	NP	
	12/04/23	1900	1.10	64	170	2.1	36	<1.0	<0.500	0.589		10.42	84.51	NP	
	03/25/24	6.4	<1.0	1.1	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		11.67	83.26	NP	
	06/24/24	230	<1.0	4.8	<2.0	<1.0	1.5	<1.0	<0.500	<0.500		10.84	84.09	NP	
	09/26/24	510	<1.0	28	8.0	1.5	21	<1.0	<0.500	<0.500		10.46	84.47	NP	
	12/06/24	370	<1.0	23	<2.0	<1.0	8.1	<1.0	<0.500	<0.500		11.04	83.89	NP	
	06/05/25	DES	DES	DES	DES	DES	DES	DES	DES	DES		DES	DES	DES	
MW-05	04/15/20	378	<1.00	64.1	71.6	NA	NA	NA	NA	NA	98.88	15.26	83.62	NP	
	07/23/20	470	<1.00	32	84.2	NA	NA	NA	NA	NA		15.26	83.62	NP	
	10/09/20	224	<4.00	20.3	60.3	NA	NA	NA	NA	NA		15.55	83.33	NP	
	01/27/21	3.26	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		16.93	81.95	NP	
	05/05/21	1.4	<1.00	<1.00	1.32	<4.00	1.05	<1.00	NA	NA		16.64	82.24	NP	
	07/23/21	12.3	<1.00	6.69	24.3	<4.00	10.1	<1.00	NA	NA		16.05	82.83	NP	
	10/06/21	32.6	<1.00	6.42	24.2	<4.00	10.9	2.29	NA	NA		15.79	83.09	NP	
	MW-05R	01/07/22	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA	98.89	16.89	82.00	NP
		04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		17.86	81.03	NP
		07/25/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		16.96	81.93	NP
10/19/22		<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		17.40	81.49	NP	
01/23/23		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA		18.74	80.15	NP	
05/22/23		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	97.40	17.15	80.25	NP	
12/04/23		380	<1.0	6.7	30	2.3	7.2	<1.0	1.51	2.38		15.13	82.27	NP	
03/25/24		1.3	<1.0	14	48	<1.0	9.6	2.5	0.576	<0.500		16.40	81.00	NP	
06/24/24		2.1	<1.0	13	12	<1.0	5.1	<1.0	<0.500	<0.500		15.83	81.57	NP	
09/26/24		100	<1.0	1.4	3.4	2.0	11	<1.0	<0.500	<0.500		15.34	82.06	NP	
12/06/24	2.7	<1.0	<1.0	3.7	<1.0	3.2	<1.0	<0.500	<0.500		15.83	81.57	NP		
06/05/25	DES	DES	DES	DES	DES	DES	DES	DES	DES		DES	DES	DES		
MW-06	04/15/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	99.00	16.33	82.67	NP	
	07/23/20	<4.00	<4.00	<4.00	<4.00	NA	NA	NA	NA	NA		16.38	82.62	NP	
	10/09/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		16.48	82.52	NP	
	01/27/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		17.61	81.39	NP	
	05/05/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		17.55	81.45	NP	
	07/23/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		17.11	81.89	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)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (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-06	10/06/21	<1.00	<1.00	<1.00	<1.00	<4.00	1.85	5.88	NA	NA	99.00	16.89	82.11	NP
MW-06R	01/07/22	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA	99.03	17.85	81.18	NP
	04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		18.54	80.49	NP
	07/25/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		18.41	80.62	NP
	10/19/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		18.36	80.67	NP
	01/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA		19.33	79.70	NP
	05/22/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	98.06	18.74	79.32	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		16.53	81.53	NP
	03/25/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		17.33	80.73	NP
	06/24/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		17.54	80.52	NP
	09/26/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	2.1	<0.500	<0.500		16.74	81.32	NP
	12/06/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		16.96	81.10	NP
	06/05/25	DES	DES	DES	DES	DES	DES	DES	DES	DES		DES	DES	DES
MW-07	04/15/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	100.92	12.90	88.02	NP
	07/23/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		12.47	88.45	NP
	10/09/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		13.04	87.88	NP
	01/27/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		16.01	84.91	NP
	05/05/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		14.94	85.98	NP
	07/23/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		12.84	88.08	NP
	10/06/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		12.50	88.42	NP
	01/07/22	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA	100.97	15.32	85.65	NP
	04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		16.97	84.00	NP
	07/25/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		13.30	87.67	NP
	10/19/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		14.79	86.18	NP
	01/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA		17.72	83.25	NP
	05/22/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	100.00	13.34	86.66	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		11.96	88.04	NP
	03/25/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		14.21	85.79	NP
	06/24/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		11.81	88.19	NP
	09/26/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		11.36	88.64	NP
12/06/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		12.73	87.27	NP	
06/05/25	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.250	<0.250		15.05	84.95	NP	
MW-08	04/15/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	97.46	10.81	86.65	NP
	07/23/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		10.72	86.74	NP
	10/09/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		11.16	86.30	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)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (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-08	01/27/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA	97.46	13.43	84.03	NP
	05/05/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		12.50	84.96	NP
	07/23/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		11.32	86.14	NP
	10/06/21	<1.00	<1.00	1.04	<1.00	<4.00	<1.00	<1.00	NA	NA		11.04	86.42	NP
	01/07/22	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA	97.45	12.91	84.54	NP
	04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		14.33	83.12	NP
	07/25/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		11.83	85.62	NP
	10/19/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		12.90	84.55	NP
	01/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA		15.24	82.21	NP
	05/22/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	96.46	12.51	83.95	NP
	12/04/23	170	<1.0	10	24	<1.0	8.6	<1.0	<0.500	<0.500		10.37	86.09	NP
	03/25/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		12.05	84.41	NP
	06/24/24	8.2	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		10.50	85.96	NP
	09/26/24	1.8	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		10.09	86.37	NP
	12/06/24	<1.0	<1.0	<1.0	<2.0	<1.0	2.8	<1.0	<0.500	<0.500		11.07	85.39	NP
06/05/25	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.250	<0.250		14.40	82.06	NP	
MW-09	04/15/20	567	269	4.93	292	NA	NA	NA	NA	NA	97.27	12.22	85.05	NP
	07/23/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		12.42	84.85	NP
	10/09/20	461	<1.00	<1.00	14.1	NA	NA	NA	NA	NA		12.89	84.38	NP
	01/27/21	70.2	60.8	<1.00	12.4	<4.00	<1.00	1.2	NA	NA		14.45	82.82	NP
	05/05/21	151	55.9	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA	97.25	13.87	83.40	NP
	07/23/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		13.13	84.14	NP
	10/06/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		13.03	84.24	NP
	01/07/22	47.2	36.3	<1.00	5.97	<4.00	<1.00	<1.00	NA	NA		14.20	83.05	NP
	04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		15.14	82.11	NP
	07/25/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		14.06	83.19	NP
	10/19/22	2.92	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		14.97	82.28	NP
	01/23/23	1.2	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA		16.15	81.10	NP
	05/22/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	96.40	14.74	81.66	NP
	12/04/23	960	110	23	98	1.4	12	4.4	<0.500	<0.500		13.38	83.02	NP
	03/25/24	1.8	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		13.52	82.88	NP
	06/24/24	130	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		12.83	83.57	NP
	09/26/24	63	19	<1.0	9.0	<1.0	<1.0	<1.0	<0.500	<0.500		12.56	83.84	NP
	12/06/24	57	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		13.06	83.34	NP
	06/05/25	DES	DES	DES	DES	DES	DES	DES	DES	DES		DES	DES	DES

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)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (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-10	04/15/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	97.92	14.61	83.31	NP
	07/23/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		14.79	83.13	NP
	10/09/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		15.18	82.74	NP
	01/27/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		16.48	81.44	NP
	05/05/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		16.23	81.69	NP
	07/23/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		15.71	82.21	NP
	10/06/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		15.50	82.42	NP
	01/07/22	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA	97.88	16.32	81.56	NP
	04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		17.08	80.80	NP
	07/25/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		16.60	81.28	NP
	10/19/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		17.00	80.88	NP
	01/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA		18.19	79.69	NP
	05/22/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	95.15	17.11	78.04	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		14.83	80.32	NP
	03/25/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.581	<0.581		15.82	79.33	NP
	06/24/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		15.43	79.72	NP
	09/26/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		15.14	80.01	NP
12/06/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		15.49	79.66	NP	
06/05/25	DES	DES	DES	DES	DES	DES	DES	DES	DES	DES	DES	DES	DES	DES
MW-11	04/15/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	98.35	15.86	82.49	NP
	07/23/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		16.03	82.32	NP
	10/09/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		16.33	82.02	NP
	01/27/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		17.22	81.13	NP
	05/05/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		17.11	81.24	NP
	07/23/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		16.82	81.53	NP
	10/06/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		16.69	81.66	NP
	01/07/22	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA	98.37	17.26	81.11	NP
	04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		17.97	80.40	NP
	07/25/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		17.71	80.66	NP
	10/19/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		17.97	80.40	NP
	01/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA		18.88	79.49	NP
	05/22/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	97.52	17.76	79.76	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		15.82	81.70	NP
	03/25/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.625	<0.625		16.68	80.84	NP
06/24/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		16.74	80.78	NP	
09/26/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		16.20	81.32	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)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (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-11	12/06/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500	97.52	16.47	81.05	NP
	06/05/25	DES	DES	DES	DES	DES	DES	DES	DES	DES		DES	DES	DES
MW-12	04/15/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	97.04	13.92	83.12	NP
	07/23/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		14.23	82.81	NP
	10/09/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		14.83	82.21	NP
	01/27/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		15.80	81.24	NP
	05/05/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		15.58	81.46	NP
	07/23/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		15.32	81.72	NP
	10/06/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		15.30	81.74	NP
	01/07/22	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		15.67	81.37	NP
	04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		16.36	80.68	NP
	07/25/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		16.23	80.81	NP
	10/19/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		16.45	80.59	NP
	01/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA		17.40	79.64	NP
	05/22/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	95.85	16.67	79.18	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		15.31	80.54	NP
	03/25/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		14.93	80.92	NP
	06/24/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		14.81	81.04	NP
	09/26/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		14.73	81.12	NP
12/06/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		14.79	81.06	NP	
06/05/25	DES	DES	DES	DES	DES	DES	DES	DES	DES		DES	DES	DES	
MW-13	04/15/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	97.37	12.27	85.10	NP
	07/23/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		13.24	84.13	NP
	10/09/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		14.05	83.32	NP
	01/27/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		15.28	82.09	NP
	05/05/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		14.85	82.52	NP
	07/23/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		14.53	82.84	NP
	10/06/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		14.45	82.92	NP
	01/07/22	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA	97.33	15.12	82.21	NP
	04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		15.89	81.44	NP
	07/25/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		15.35	81.98	NP
	10/19/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		14.92	82.41	NP
	01/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA		16.93	80.40	NP
	05/22/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	96.52	16.29	80.23	NP
12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		13.65	82.87	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)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (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-13	03/25/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500	96.52	14.34	82.18	NP
	06/24/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		14.06	82.46	NP
	09/26/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		14.03	82.49	NP
	12/06/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		14.02	82.50	NP
	06/05/25	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.250	<0.250		16.74	79.78	NP
MW-14	04/15/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	98.34	11.66	86.68	NP
	07/23/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		11.92	86.42	NP
	10/09/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		12.51	85.83	NP
	01/27/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		14.31	84.03	NP
	05/05/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		13.60	84.74	NP
	07/23/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		12.61	85.73	NP
	10/06/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		12.48	85.86	NP
	01/07/22	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA	98.24	13.95	84.29	NP
	04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		15.14	83.10	NP
	07/25/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		13.17	85.07	NP
	10/19/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA	14.18	84.06	NP	
	01/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	16.07	82.17	NP	
	05/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	97.47	14.33	83.14	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		11.97	85.50	NP
	03/25/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		13.60	83.87	NP
	06/24/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		12.38	85.09	NP
	09/26/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		12.27	85.20	NP
12/06/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500	12.93	84.54	NP		
06/05/25	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.250	<0.250	15.20	82.27	NP		
MW-15	04/15/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	98.90	10.10	88.80	NP
	07/23/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		10.43	88.47	NP
	10/09/20	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA		11.21	87.69	NP
	01/27/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		13.29	85.61	NP
	05/05/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		11.93	86.97	NP
	07/23/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		10.87	88.03	NP
	10/06/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		10.89	88.01	NP
	01/07/22	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NA	NA		12.72	86.25	NP
	04/20/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		14.24	84.73	NP
	07/25/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA		11.15	87.82	NP
10/19/22	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	NA	NA	12.22	86.75	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)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (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-15	01/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	98.90	15.09	83.88	NP
	05/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	98.03	12.03	86.00	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		10.02	88.01	NP
	03/25/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		11.48	86.55	NP
	06/24/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		9.79	88.24	NP
	09/26/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		9.58	88.45	NP
	12/06/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<0.500	<0.500		10.53	87.50	NP
	06/05/25	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.250	<0.250		12.46	85.57	NP

1. Bold values exceed the ECMC limit(s)

2. Red highlighted groundwater analytical values indicate a regulatory exceedance

3. 1-M = 1-Methylnaphthalene

4. 2-M = 2-Methylnaphthalene

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

**TABLE 2**  
**SUMMARY OF INORGANIC GROUNDWATER CHEMISTRY DATA**  
**NOBLE 100322**  
**GEMINI B 31-11,12,13,14,25, WELD COUNTY, COLORADO**  
**REM # 12355**

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-01R	4/15/20	NA	NA	NA
	7/23/20	NA	NA	NA
	10/9/20	NA	NA	NA
	1/27/21	337	408	983
	5/5/21	NA	NA	NA
	7/23/21	NA	NA	NA
	10/6/21	NA	NA	NA
	1/7/22	NA	NA	NA
	4/20/22	260	367	1340
	7/25/22	262	394	1420
	10/19/22	237	348	1370
	1/23/23	NS	NS	NS
	6/24/24	1340	351	221
	12/6/24	1760	478	287
	6/5/25	DES	DES	DES
MW-02R	4/15/20	NA	NA	NA
	7/23/20	NA	NA	NA
	10/9/20	NA	NA	NA
	1/27/21	219	272	1640
	5/5/21	NA	NA	NA

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-02R	7/23/21	NA	NA	NA
	10/6/21	NA	NA	NA
	1/7/22	NA	NA	NA
	4/20/22	232	287	1190
	7/25/22	234	303	1240
	10/19/22	209	262	1150
	1/23/23	NS	NS	NS
	6/24/24	4280	1930	1440
	12/6/24	5120	1760	1340
	6/5/25	IW	IW	IW
MW-03R	4/15/20	NA	NA	NA
	7/23/20	NA	NA	NA
	10/9/20	NA	NA	NA
	1/27/21	233	157	1320
	5/5/21	NA	NA	NA
	7/23/21	NA	NA	NA
	10/6/21	NA	NA	NA
	1/7/22	NA	NA	NA
	4/20/22	229	143	1110
	7/25/22	207	181	1070
	10/19/22	192	191	1030
	1/23/23	1050	198	182
	6/24/24	1010	226	223
	12/6/24	1160	241	227
	6/5/25	DES	DES	DES

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-04R	4/15/20	NA	NA	NA
	7/23/20	NA	NA	NA
	10/9/20	NA	NA	NA
	1/27/21	152	228	1330
	5/5/21	NA	NA	NA
	7/23/21	NA	NA	NA
	10/6/21	NA	NA	NA
	1/7/22	NA	NA	NA
	4/20/22	161	260	918
	7/25/22	165	260	960
	10/19/22	168	295	924
	1/23/23	877	154	232
	6/24/24	1050	232	289
	12/6/24	937	195	197
6/5/25	DES	DES	DES	
MW-05R	4/15/20	NA	NA	NA
	7/23/20	NA	NA	NA
	10/9/20	NA	NA	NA
	1/27/21	198	30.1	1000
	5/5/21	NA	NA	NA
	7/23/21	NA	NA	NA
	10/6/21	NA	NA	NA
	1/7/22	NA	NA	NA
	4/20/22	183	96.6	864

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-05R	7/25/22	199	55.8	849
	10/19/22	215	39.1	860
	1/23/23	910	145	118
	6/24/24	881	219	<60.0
	12/6/24	861	221	39.8
	6/5/25	DES	DES	DES
MW-06R	4/15/20	NA	NA	NA
	7/23/20	NA	NA	NA
	10/9/20	NA	NA	NA
	1/27/21	346	17.8	1290
	5/5/21	NA	NA	NA
	7/23/21	NA	NA	NA
	10/6/21	NA	NA	NA
	1/7/22	NA	NA	NA
	4/20/22	290	33.4	1050
	7/25/22	261	36.4	1040
	10/19/22	278	34.8	987
	1/23/23	NS	NS	NS
	6/24/24	1020	289	<60.0
	12/6/24	7080	327	20.0
	6/5/25	DES	DES	DES
MW-07	4/15/20	NA	NA	NA
	7/23/20	NA	NA	NA
	10/9/20	NA	NA	NA

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-07	1/27/21	235	293	1320
	5/5/21	NA	NA	NA
	7/23/21	NA	NA	NA
	10/6/21	NA	NA	NA
	1/7/22	NA	NA	NA
	4/20/22	225	271	1100
	7/25/22	220	283	1140
	10/19/22	247	331	1150
	1/23/23	1030	228	287
	6/24/24	2460	891	719
	12/6/24	2450	695	630
	6/5/25	1440	333	330
MW-08	4/15/20	NA	NA	NA
	7/23/20	NA	NA	NA
	10/9/20	NA	NA	NA
	1/27/21	165	241	1060
	5/5/21	NA	NA	NA
	7/23/21	NA	NA	NA
	10/6/21	NA	NA	NA
	1/7/22	NA	NA	NA
	4/20/22	181	246	980
	7/25/22	184	244	1020
	10/19/22	195	299	1120
	1/23/23	911	175	255
	6/24/24	1030	256	264

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-08	12/6/24	1020	224	230
	6/5/25	1040	215	238
MW-09	4/15/20	NA	NA	NA
	7/23/20	NA	NA	NA
	10/9/20	NA	NA	NA
	1/27/21	134	261	1010
	5/5/21	NA	NA	NA
	7/23/21	NA	NA	NA
	10/6/21	NA	NA	NA
	1/7/22	NA	NA	NA
	4/20/22	141	274	926
	7/25/22	146	269	996
	10/19/22	156	325	920
	6/24/24	879	150	254
	12/6/24	854	158	266
	6/5/25	DES	DES	DES
MW-10	4/15/20	NA	NA	NA
	7/23/20	NA	NA	NA
	10/9/20	NA	NA	NA
	1/27/21	149	247	1060
	5/5/21	NA	NA	NA
	7/23/21	NA	NA	NA
	10/6/21	NA	NA	NA
	1/7/22	NA	NA	NA

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-10	4/20/22	152	258	916
	7/25/22	161	259	937
	10/19/22	155	286	932
	1/23/23	866	145	277
	6/24/24	850	179	257
	12/6/24	897	166	248
	6/5/25	DES	DES	DES
MW-11	4/15/20	NA	NA	NA
	7/23/20	NA	NA	NA
	10/9/20	NA	NA	NA
	1/27/21	174	80	967
	5/5/21	NA	NA	NA
	7/23/21	NA	NA	NA
	10/6/21	NA	NA	NA
	1/7/22	NA	NA	NA
	4/20/22	311	45.2	1140
	7/25/22	338	<31.2	1350
	10/19/22	290	<31.2	1220
	1/23/23	NS	NS	NS
	6/24/24	1200	297	<60.0
	12/6/24	IW	IW	IW
	6/5/25	DES	DES	DES
MW-12	4/15/20	NA	NA	NA
	7/23/20	NA	NA	NA

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	10/9/20	NA	NA	NA
	1/27/21	138	278	1050
	5/5/21	NA	NA	NA
	7/23/21	NA	NA	NA
	10/6/21	NA	NA	NA
	1/7/22	NA	NA	NA
	4/20/22	144	284	946
	7/25/22	150	292	975
	10/19/22	155	334	979
	1/23/23	897	151	307
	6/24/24	871	167	306
	12/6/24	935	153	287
	6/5/25	DES	DES	DES
	MW-13	4/15/20	NA	NA
7/23/20		NA	NA	NA
10/9/20		NA	NA	NA
1/27/21		140	325	1170
5/5/21		NA	NA	NA
7/23/21		NA	NA	NA
10/6/21		NA	NA	NA
1/7/22		NA	NA	NA
4/20/22		135	320	949
7/25/22		133	326	946
10/19/22		134	370	991
1/23/23		887	131	310

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-13	6/24/24	915	147	330
	12/6/24	1050	153	325
	6/5/25	972	133	291
MW-14	4/15/20	NA	NA	NA
	7/23/20	NA	NA	NA
	10/9/20	NA	NA	NA
	1/27/21	134	252	980
	5/5/21	NA	NA	NA
	7/23/21	NA	NA	NA
	10/6/21	NA	NA	NA
	1/7/22	NA	NA	NA
	4/20/22	145	259	900
	7/25/22	160	265	904
	10/19/22	160	299	880
	1/23/23	858	151	267
	6/24/24	842	119	185
	12/6/24	899	181	265
	6/5/25	948	173	247
MW-15	4/15/20	NA	NA	NA
	7/23/20	NA	NA	NA
	10/9/20	NA	NA	NA
	1/27/21	183	294	1120
	5/5/21	NA	NA	NA
	7/23/21	NA	NA	NA

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-15	10/6/21	NA	NA	NA
	1/7/22	NA	NA	NA
	4/20/22	156	268	938
	7/25/22	146	280	909
	10/19/22	143	337	1010
	1/23/23	895	147	251
	6/24/24	848	146	258
	12/6/24	2260	680	591
	6/5/25	2820	764	670
Background Concentration (Max)		6400.0	2412.5	2050.0

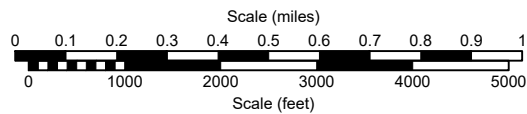
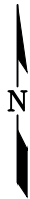
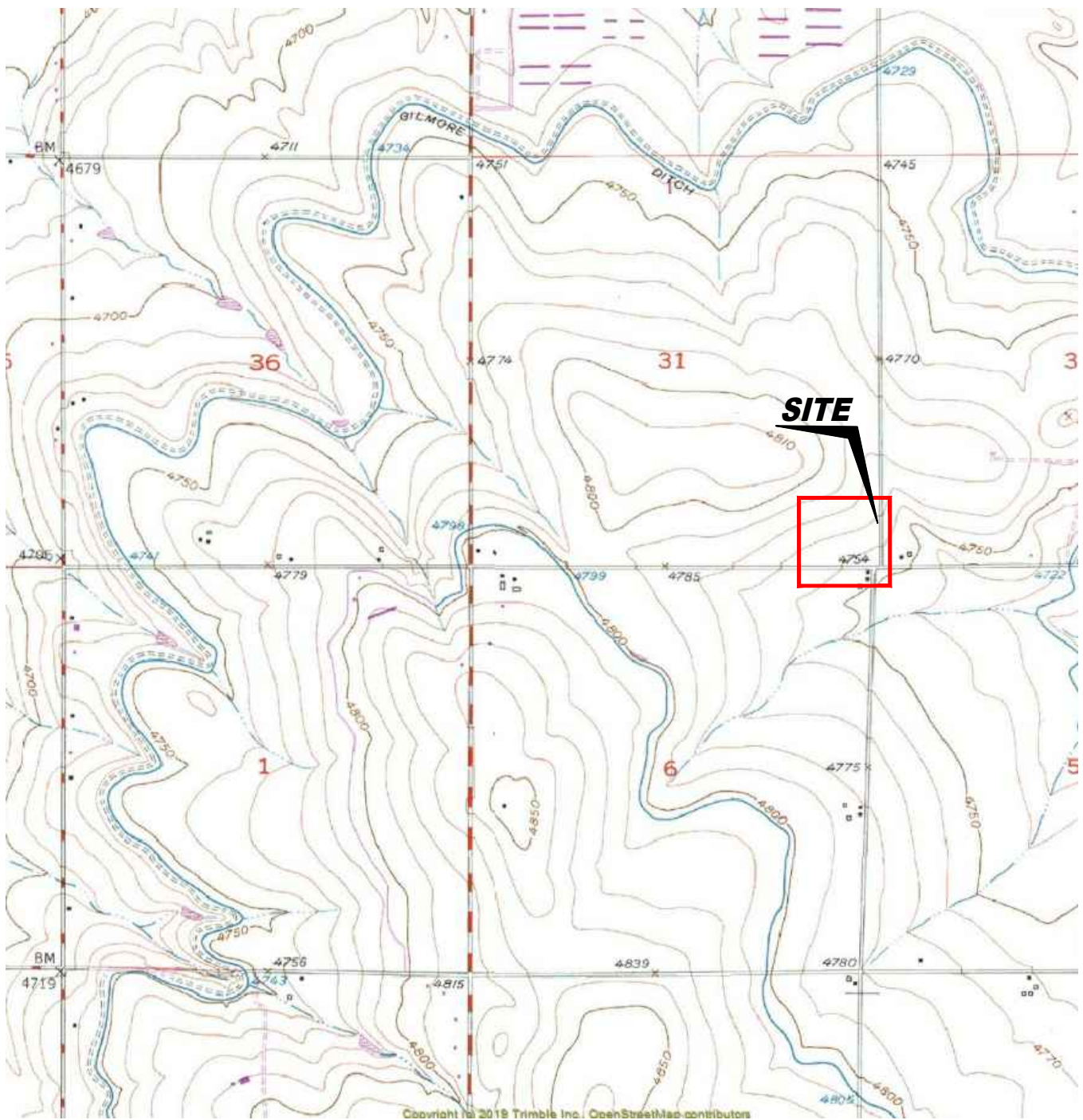
1. Bold values exceed the ECMC limit(s)

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-2 as crossgradient background monitoring well

# FIGURES

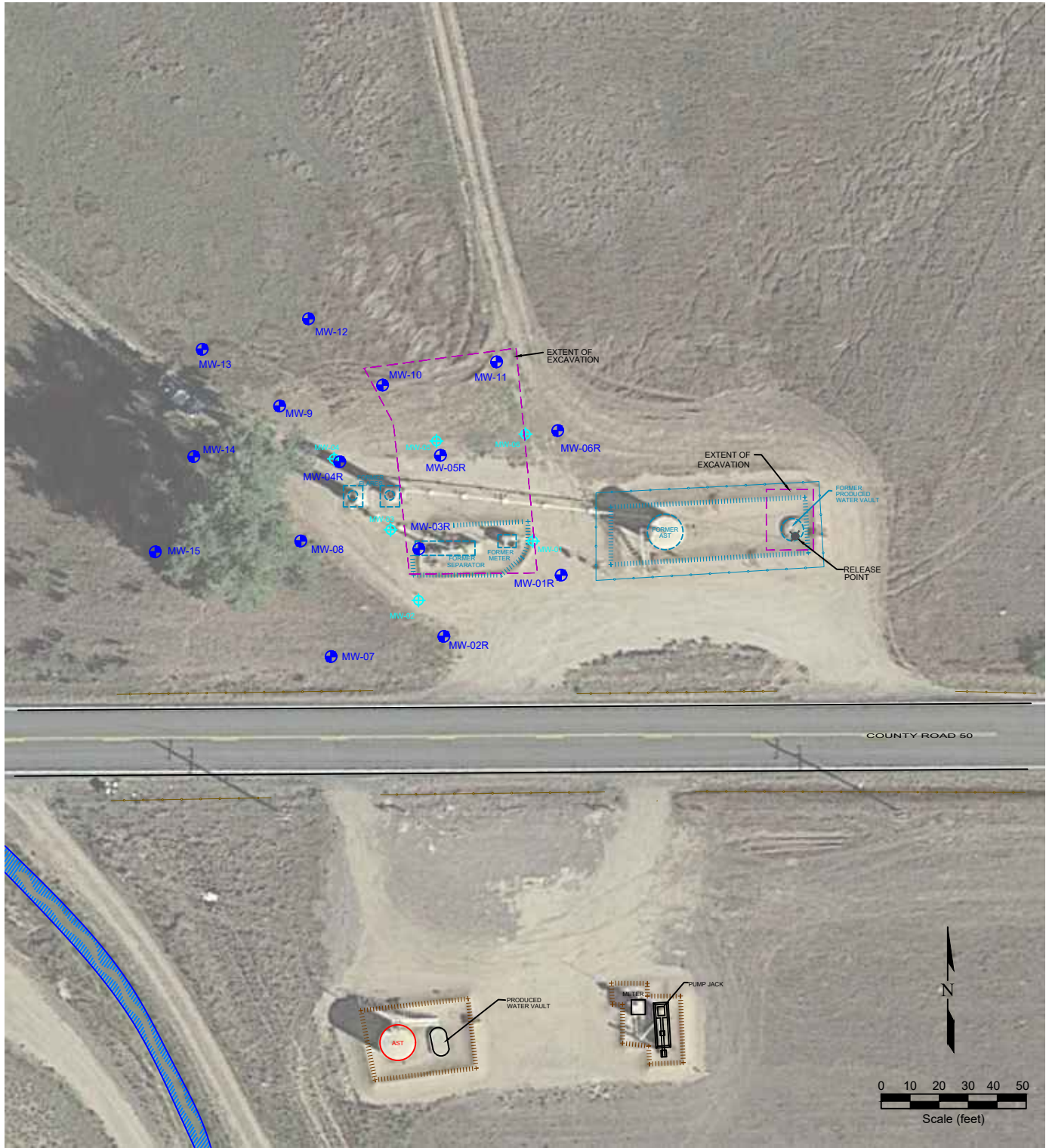


USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1  
**SITE LOCATION MAP**  
**Noble Energy, Inc.**  
**Gemini B31-11, 12, 13, 14, 25**  
 SESW Sec. 31, T5N, R64W, 6th P.M.  
 Weld County, Colorado  
 40.348611°, -104.597026°

Project # <b>C022-165</b>	API #	Facility # <b>458290</b>
Date <b>7/9/25</b>	Remediation # <b>12355</b>	Filename <b>22165T</b>





**LEGEND**

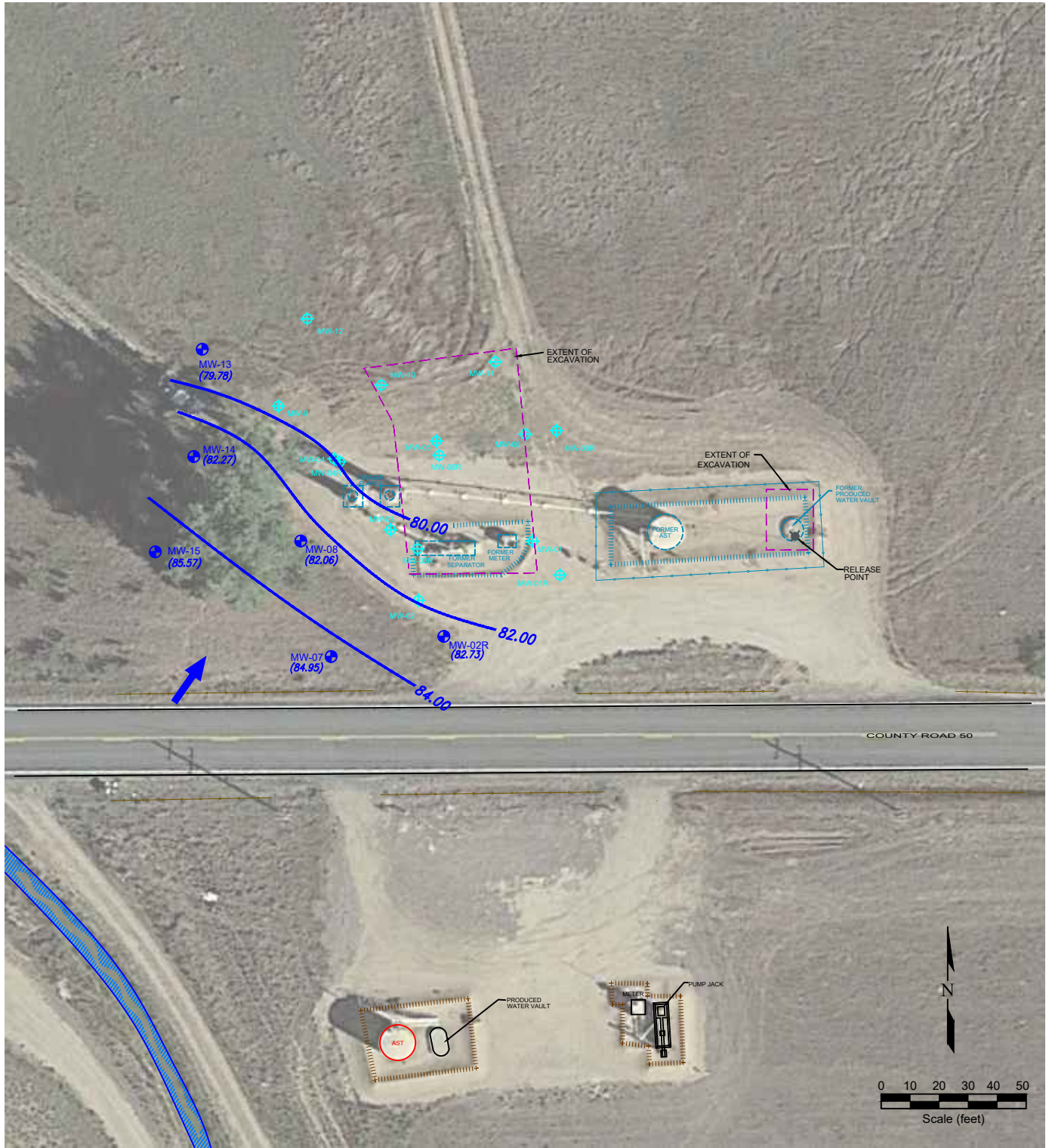
- RELEASE POINT
- MONITORING WELL
- DESTROYED MONITORING WELL
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- CONTAINMENT BERM
- FENCE LINE
- EXTENT OF EXCAVATION

**Figure 2  
SITE MAP**

**Noble Energy, Inc.**  
**Gemini B31-11, 12, 13, 14, 25**  
 SESW Sec. 31, T5N, R64W, 6th P.M.  
 Weld County, Colorado  
 40.348611°, -104.597026°

Project No. <b>C022-165</b>	API #	Facility # <b>458290</b>
Date <b>7/9/25</b>	Remediation # <b>12355</b>	Filename <b>22165Q1</b>





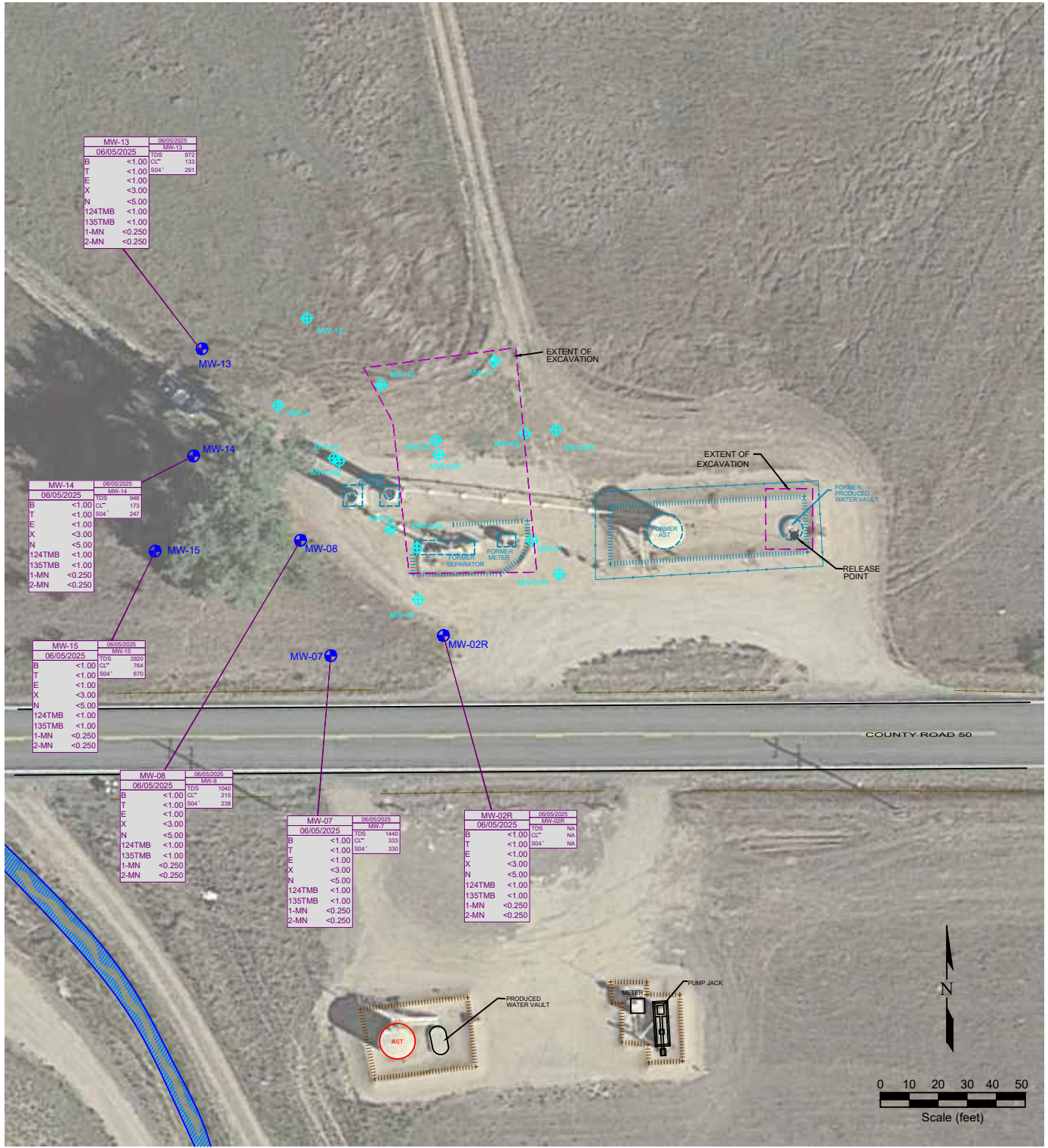
**LEGEND**

- RELEASE POINT
- MONITORING WELL
- DESTROYED MONITORING WELL
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- FORMER FACILITY
- CONTAINMENT BERM
- FENCE LINE
- EXTENT OF EXCAVATION
- NOT USED FOR CONTOURING
- GROUND WATER ELEVATION (ft above arbitrary datum)
- WATER TABLE CONTOUR
- GROUND WATER FLOW DIRECTION

Figure 3  
**INFERRED GROUNDWATER CONTOUR MAP**  
 June 5, 2025  
 Noble Energy, Inc.  
 Gemini B31-11, 12, 13, 14, 25  
 SESW Sec. 31, T5N, R64W, 6th P.M.  
 Weld County, Colorado  
 40.348611°, -104.597026°

Project No. <b>C022-165</b>	API #	Facility # <b>458290</b>
Date <b>7/10/25</b>	Remediation # <b>12355</b>	Filename <b>22165Q1</b>





MW-13		06/05/2025	
MW-13		MW-13	
B	<1.00	TDS	972
T	<1.00	CL <sup>-</sup>	132
E	<1.00	SO <sub>4</sub> <sup>2-</sup>	291
X	<3.00		
N	<5.00		
124TMB	<1.00		
135TMB	<1.00		
1-MN	<0.250		
2-MN	<0.250		

MW-14		06/05/2025	
MW-14		MW-14	
B	<1.00	TDS	948
T	<1.00	CL <sup>-</sup>	173
E	<1.00	SO <sub>4</sub> <sup>2-</sup>	247
X	<3.00		
N	<5.00		
124TMB	<1.00		
135TMB	<1.00		
1-MN	<0.250		
2-MN	<0.250		

MW-15		06/05/2025	
MW-15		MW-15	
B	<1.00	TDS	2633
T	<1.00	CL <sup>-</sup>	754
E	<1.00	SO <sub>4</sub> <sup>2-</sup>	670
X	<3.00		
N	<5.00		
124TMB	<1.00		
135TMB	<1.00		
1-MN	<0.250		
2-MN	<0.250		

MW-08		06/05/2025	
MW-8		MW-8	
B	<1.00	TDS	1040
T	<1.00	CL <sup>-</sup>	215
E	<1.00	SO <sub>4</sub> <sup>2-</sup>	238
X	<3.00		
N	<5.00		
124TMB	<1.00		
135TMB	<1.00		
1-MN	<0.250		
2-MN	<0.250		

MW-07		06/05/2025	
MW-7		MW-7	
B	<1.00	TDS	1440
T	<1.00	CL <sup>-</sup>	333
E	<1.00	SO <sub>4</sub> <sup>2-</sup>	333
X	<3.00		
N	<5.00		
124TMB	<1.00		
135TMB	<1.00		
1-MN	<0.250		
2-MN	<0.250		

MW-02R		06/05/2025	
MW-02R		MW-02R	
B	<1.00	TDS	NA
T	<1.00	CL <sup>-</sup>	NA
E	<1.00	SO <sub>4</sub> <sup>2-</sup>	NA
X	<3.00		
N	<5.00		
124TMB	<1.00		
135TMB	<1.00		
1-MN	<0.250		
2-MN	<0.250		

**LEGEND**

- RELEASE POINT
- MONITORING WELL
- DESTROYED MONITORING WELL
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- FORMER FACILITY
- CONTAINMENT BERM
- FENCE LINE
- EXTENT OF EXCAVATION

MW-01R	DATE SAMPLED
06/05/2025	06/05/2025
B	<1.00
T	<1.00
E	<1.00
X	<3.00
N	<1.00
124TMB	<1.00
135TMB	1.5
1-MN	<0.250
2-MN	<0.250

MW-3	DATE SAMPLED
06/05/2025	06/05/2025
TDS	1700
CL <sup>-</sup>	521
SO <sub>4</sub> <sup>2-</sup>	462

[NF] NOT FOUND  
[INS] INSUFFICIENT WATER SUPPLY

Figure 4  
**GROUNDWATER CHEMISTRY MAP**  
 Noble Energy, Inc.  
 Gemini B31-11, 12, 13, 14, 25  
 SESW Sec. 31, T5N, R64W, 6th P.M.  
 Weld County, Colorado  
 40.348611°, -104.597026°

Project No. <b>C022-165</b>	API #	Facility # <b>458290</b>	
Date <b>7/9/25</b>	Remediation # <b>12355</b>	Filename <b>22165Q1</b>	

# GRAPHS

Graph 1:  
 Gemini B 31-11, 12, 13, 14, 25 Groundwater Monitoring Well  
 Benzene Concentrations Over Time

