

NOBLE ENERGY, INC

Third Quarter 2025 Groundwater Monitoring Summary

December 17, 2025

Lower Latham 35-10B, 11B

NWSE Sec 35, T5N, R65W

Remediation # 11923

This groundwater monitoring summary has been prepared by Fremont Environmental, Inc. (Fremont) for the Lower Latham 35-10B, 11B location.

Site History and Background

A site investigation was conducted at the Noble Energy, Inc. (Noble) Lower Latham 35-10B, 11B location during August and September 2018 in response to a historical release from the facility's former water vault. Forty cubic yards of impacted soil were removed during the abandonment of the water vault. Nine monitoring wells (MW-1 through MW-9) were initially installed at the site to delineate the magnitude and extent of residual soil and groundwater impacts in 2018. Monitoring well MW-2 was destroyed in fourth quarter 2019. No soil impacts were observed in any of the monitoring well soil borings. Due to the migration of dissolved-phase impacts at the site, three additional monitoring wells (MW-10 through MW-12) were installed to re-establish points of compliance at the site between 2018 and 2022. Active remediation techniques have been employed to address dissolved-phase groundwater impacts.

Groundwater Monitoring Activities

Third quarter 2025 groundwater sampling was conducted at the Lower Latham 35-10B, 11B, location on September 3, 2025. Ten monitoring wells (MW-1, MW-3, MW-4, and MW-6 through MW-12) were sampled and submitted to Origins Laboratory for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), naphthalene, 1,2,4-trimethylbenzene (TMB), and 1,3,5-TMB by United States Environmental Protection Agency (EPA) Method 8260D, chloride ion and sulfate ion by EPA Method 300.0, and total dissolved solids (TDS) by EPA Method 2540C. Monitoring well MW-5 was unable to be sampled due to a potential obstruction in the well, therefore no groundwater sample was collected.

Laboratory analytical results indicate that dissolved phase organic constituents were compliant with their respective Energy and Carbon Management Commission (ECMC) Table 915-1 standards in 10 of the 11 monitoring wells sampled:

- One monitoring well exceeded the limit for 1,2,4-TMB (67 micrograms per liter [$\mu\text{g/L}$]):
 - MW-4 (124 $\mu\text{g/L}$)

All remaining organic constituents were below ECMC Table 915-1 standards. Dissolved-phase inorganic constituents were compliant with ECMC Table 915-1 standards and/or 1.25x local background concentrations in all ten monitoring wells sampled.

The groundwater analytical data are summarized in Table 1 and Table 2. The site location is illustrated on Figure 1, monitoring well locations are illustrated on Figure 2, groundwater elevations are illustrated on Figure 3, organic groundwater chemistry is illustrated on Figure 4, and inorganic groundwater chemistry is illustrated on Figure 5. Also attached is a graph showing the concentrations of 1,2,4-TMB in groundwater monitoring wells over time compared to the relative groundwater elevation at the site. A copy of the laboratory report, quality control data, and chain-of-custody documentation is included separately.

Current Remediation Strategy and Path Forward

In response to groundwater impacts discovered in several monitoring wells, a propane-powered air sparge (AS) system consisting of nine AS wells was installed in March 2022 and subsequently replaced by a solar-powered AS system installed in June 2023. The system is designed to operate continuously 24 hours a day, seven days a week.

Concentrations of organic compounds have fluctuated but generally decreased in current and previously impacted wells during the remediation system's operational period. Three additional AS sparge wells were installed in March 2024 to provide additional remedial influence on the plume, characterized by MW-4, MW-6, and MW-7. Quarterly groundwater monitoring will continue to evaluate the attenuation of dissolved-phase organic constituents. The third quarter 2025 sampling event marks zero consecutive quarters of ECMC-compliant groundwater at the site.

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TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
NOBLE 100322
LOWER LATHAM 35-10B, 11B, WELD COUNTY, COLORADO
REM # 11923

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-1	08/13/18	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	99.11	4.95	94.16	NP
	09/08/18	NS	NS	NS	NS	NA	NA	NA		4.50	94.61	NP
	11/27/18	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.23	95.88	NP
	02/21/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.22	95.89	NP
	05/15/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.11	96.00	NP
	08/14/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.32	95.79	NP
	11/04/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.12	95.99	NP
	02/18/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.23	95.88	NP
	08/20/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.45	94.66	NP
	12/28/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.48	95.63	NP
	03/22/21	<1.0	<1.0	<1.0	<2.0	2.6	3.0	2.5		2.70	96.41	NP
	06/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.25	95.86	NP
	09/16/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.04	95.07	NP
	12/01/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.13	95.98	NP
	03/24/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.86	96.25	NP
	06/28/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.45	95.66	NP
	09/27/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.13	95.98	NP
	12/09/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.04	96.07	NP
	03/29/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.93	96.18	NP
	06/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.87	96.24	NP
	09/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.41	95.70	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.71	96.40	NP
	03/22/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.10	96.01	NP
	06/18/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.85	95.26	NP
	09/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.61	95.50	NP
	12/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.82	96.29	NP
	03/19/25	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0		3.38	95.73	NP
	06/06/25	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0		3.60	95.51	NP

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
NOBLE 100322
LOWER LATHAM 35-10B, 11B, WELD COUNTY, COLORADO
REM # 11923

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-1	09/03/25	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	99.11	4.31	94.80	NP
MW-2	08/13/18	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	100.00	5.49	94.51	NP
	09/08/18	NS	NS	NS	NS	NA	NA	NA		5.05	94.95	NP
	11/27/18	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.94	96.06	NP
	02/21/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.93	96.07	NP
	05/15/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.65	96.35	NP
	08/14/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.91	96.09	NP
	11/04/19	DESTROYED										
MW-3	08/13/18	<1.0	7.9	120	35	NA	NA	NA	99.47	5.72	93.75	NP
	09/08/18	NS	NS	NS	NS	NA	NA	NA		5.30	94.17	NP
	11/27/18	<1.0	2.8	30	780	NA	NA	NA		4.05	95.42	NP
	02/21/19	2.2	5	12	160	NA	NA	NA		3.99	95.48	NP
	05/15/19	<1.0	3.2	58	42	NA	NA	NA		3.91	95.56	NP
	08/14/19	<1.0	2.0	13	190	NA	NA	NA		4.08	95.39	NP
	11/04/19	<1.0	13	56	250	NA	NA	NA		3.93	95.54	NP
	02/18/20	<1.0	1.2	43	210	NA	NA	NA		3.97	95.50	NP
	08/20/20	<1.0	1.6	26	190	NA	NA	NA		5.30	94.17	NP
	12/28/20	<1.0	<1.0	20	99	NA	NA	NA		4.21	95.26	NP
	03/22/21	<1.0	<1.0	16	170	5.1	260	250		3.46	96.01	NP
	06/22/21	<1.0	<1.0	6.7	130	4.0	650	620		4.10	95.37	NP
	09/16/21	<1.0	<1.0	<1.0	160	<1.0	39	52		4.81	94.66	NP
	12/01/21	<1.0	1.4	19	560	11	66	830		3.89	95.58	NP
	03/24/22	<1.0	<1.0	5.3	120	3.4	930	1700		3.58	95.89	NP
	06/28/22	<1.0	<1.0	3.5	36	2.3	540	170		4.14	95.33	NP
	09/27/22	<1.0	1.2	5.9	130	6.6	380	520		4.03	95.44	NP
12/09/22	<1.0	1.2	2.4	38	1.8	320	390	3.76	95.71	NP		
03/29/23	<1.0	<1.0	<1.0	16	<1.0	190	190	3.73	95.74	NP		

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ECMC Table 915-1 Limits		5.0	560	700	1400	140	67	67				
MW-3	06/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	20	33	99.47	3.55	95.92	NP
	09/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	22	20		4.17	95.30	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	87	64		3.54	95.93	NP
	03/22/24	<1.0	<1.0	<1.0	<2.0	<1.0	36	25		3.76	95.71	NP
	06/18/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.99	97.48	NP
	09/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	15	10		4.36	95.11	NP
	12/17/24	<1.0	<1.0	<1.0	4.0	<1.0	<1.0	<1.0		2.82	96.65	NP
	03/19/25	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0		1.62	97.85	NP
	06/06/25	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0		4.30	95.17	NP
09/03/25	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		4.50	94.97	NP	
MW-4	08/13/18	<1.0	1.6	380	3800	NA	NA	NA	98.19	5.18	93.01	NP
	09/08/18	NS	NS	NS	NS	NA	NA	NA		4.75	93.44	NP
	11/27/18	<1.0	<1.0	180	4000	NA	NA	NA		3.35	94.84	NP
	02/21/19	<1.0	1.7	260	3900	NA	NA	NA		3.28	94.91	NP
	05/15/19	<1.0	<1.0	210	2900	NA	NA	NA		3.33	94.86	NP
	08/14/19	<1.0	<1.0	21	440	NA	NA	NA		3.59	94.60	NP
	11/04/19	<1.0	<1.0	<1.0	150	NA	NA	NA		3.27	94.92	NP
	02/18/20	<1.0	<1.0	13	850	NA	NA	NA		3.23	94.96	NP
	08/20/20	<1.0	<1.0	29	290	NA	NA	NA		4.79	93.40	NP
	12/28/20	<1.0	<1.0	90	220	NA	NA	NA		3.50	94.69	NP
	03/22/21	<1.0	<1.0	160	1300	9	260	110		2.66	95.53	NP
	06/22/21	<1.0	<1.0	<1.0	29	<1.0	3.5	5.8		3.39	94.80	NP
	09/16/21	<1.0	<1.0	<1.0	6.6	<1.0	1.5	3.3		4.27	93.92	NP
	12/01/21	<1.0	<1.0	160	73	12	290	180		3.19	95.00	NP
	03/24/22	<1.0	<1.0	22	38	1.8	110	26		2.96	95.23	NP
06/28/22	<1.0	<1.0	22	180	3.1	87	22		3.61	94.58	NP	
09/27/22	<1.0	<1.0	130	1400	11	320	160		3.43	94.76	NP	
12/09/22	<1.0	<1.0	<1.0	660	<1.0	93	140		3.08	95.11	NP	

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REM # 11923

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-4	03/29/23	<1.0	<1.0	40	340	<1.0	140	60	98.19	2.90	95.29	NP
	06/23/23	<1.0	<1.0	140	210	7.9	230	54		2.98	95.21	NP
	09/14/23	<1.0	<1.0	82	430	5.0	300	170		4.56	93.63	NP
	12/04/23	<1.0	<1.0	240	<2.0	10	270	130		2.98	95.21	NP
	03/22/24	<1.0	<1.0	3.5	3.8	<1.0	9.6	<1.0		3.08	95.11	NP
	06/18/24	<1.0	<1.0	5.7	41	<1.0	58	25		3.89	94.30	NP
	09/13/24	<1.0	<1.0	21	69	1.5	110	44		3.71	94.48	NP
	12/17/24	<1.0	<1.0	13	16	<1.0	80	45		2.92	95.27	NP
	03/19/25	<5.0	<5.0	3.95	<5.0	<5.0	13.9	4.75		1.34	96.85	NP
	06/06/25	<1.0	<1.0	7.35	35	<5.0	101	48.1		3.55	94.64	NP
09/03/25	<1.00	<1.00	11.6	64.4	<2.00	124	53.7		4.19	94.00	NP	
MW-5	08/13/18	<1.0	<1.0	2.7	33	NA	NA	NA	98.46	5.23	93.23	NP
	09/08/18	NS	NS	NS	NS	NA	NA	NA		4.85	93.61	NP
	11/27/18	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.60	94.86	NP
	02/21/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.49	94.97	NP
	05/15/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.52	94.94	NP
	08/14/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.70	94.76	NP
	11/04/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.49	94.97	NP
	02/18/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.40	95.06	NP
	08/20/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.92	93.54	NP
	12/28/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.74	94.72	NP
	03/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.00	95.46	NP
	06/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.55	94.91	NP
	09/16/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.34	94.12	NP
	12/01/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.40	95.06	NP
03/24/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.09	95.37	NP	
06/28/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.60	94.86	NP	
09/27/22	<1.0	<1.0	<1.0	<2.0	1.4	1.2	<1.0		4.75	93.71	NP	

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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-5	12/09/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	98.46	3.28	95.18	NP
	03/29/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.16	95.30	NP
	06/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.05	95.41	NP
	09/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.70	94.76	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.47	94.99	NP
	03/22/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.24	95.22	NP
	06/18/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.95	94.51	NP
	09/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	1.1	<1.0		3.86	94.60	NP
	12/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.04	95.42	NP
	03/19/25	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0		3.46	95.00	NP
	06/06/25	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0		3.74	94.72	NP
09/03/25	NM	NM	NM	NM	NM	NM	NM		NM	NM	NM	
MW-6	08/13/18	<1.0	<1.0	590	5100	NA	NA	NA	97.22	5.41	91.81	NP
	09/08/18	NS	NS	NS	NS	NA	NA	NA		4.95	92.27	NP
	11/27/18	<1.0	<1.0	130	3800	NA	NA	NA		3.43	93.79	NP
	02/21/19	<1.0	<1.0	180	3300	NA	NA	NA		3.28	93.94	NP
	05/15/19	<1.0	<1.0	140	3100	NA	NA	NA		3.42	93.80	NP
	08/14/19	<1.0	<1.0	<1.0	2100	NA	NA	NA		3.80	93.42	NP
	11/04/19	<1.0	<1.0	120	1700	NA	NA	NA		2.64	94.58	NP
	02/18/20	<1.0	<1.0	45	3800	NA	NA	NA		2.90	94.32	NP
	08/20/20	<1.0	<1.0	<1.0	4700	NA	NA	NA		5.06	92.16	NP
	12/28/20	<1.0	<1.0	1.3	4.8	NA	NA	NA		3.42	93.80	NP
	03/22/21	<1.0	<1.0	270	1300	19	330	270		2.53	94.69	NP
	06/22/21	<1.0	<1.0	22	2500	2.3	90	140		3.25	93.97	NP
	09/16/21	<1.0	<1.0	3.8	4400	3.2	130	82		4.43	92.79	NP
	12/01/21	<1.0	<1.0	390	4.5	16	6.8	200		3.16	94.06	NP
	03/24/22	<1.0	<1.0	590	7200	330	700	380		2.92	94.30	NP
06/28/22	<1.0	<1.0	72	190	17	570	140		3.79	93.43	NP	

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
NOBLE 100322
LOWER LATHAM 35-10B, 11B, WELD COUNTY, COLORADO
REM # 11923

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-6	09/27/22	<1.0	<1.0	370	2800	25	420	210	97.22	3.57	93.65	NP
	12/09/22	<1.0	<1.0	210	3300	2	590	310		3.08	94.14	NP
	03/29/23	<1.0	<1.0	630	4800	15	860	130		2.78	94.44	NP
	06/23/23	<1.0	<1.0	330	670	28	320	160		3.02	94.20	NP
	09/14/23	<1.0	<1.0	600	3300	15	490	260		3.64	93.58	NP
	12/04/23	<100	<100	240	1600	<100	350	<100		3.10	94.12	NP
	03/22/24	<1.0	<1.0	<1.0	360	<1.0	47	37		2.75	94.47	NP
	06/18/24	<1.0	<1.0	18	260	<1.0	70	38		3.92	93.30	NP
	09/13/24	<1.0	<1.0	12	4.2	1.2	9	3.5		3.80	93.42	NP
	12/17/24	<1.0	<1.0	6.7	14	<1.0	<1.0	3.0		2.51	94.71	NP
	03/19/25	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0		3.15	94.07	NP
	06/06/25	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0		3.40	93.82	NP
09/03/25	<1.00	<1.00	121	71.6	7.85	44.6	60.0		4.34	92.88	NP	
MW-7	08/13/18	<1.0	1.4	150	4300	NA	NA	NA	97.77	5.48	92.29	NP
	09/08/18	NS	NS	NS	NS	NA	NA	NA		5.08	92.69	NP
	11/27/18	<1.0	<1.0	110	3800	NA	NA	NA		3.63	94.14	NP
	02/21/19	<1.0	<1.0	5.4	96	NA	NA	NA		3.51	94.26	NP
	05/15/19	<1.0	<1.0	130	3500	NA	NA	NA		3.64	94.13	NP
	08/14/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.91	93.86	NP
	11/04/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.46	94.31	NP
	02/18/20	<1.0	<1.0	<1.0	3.7	NA	NA	NA		3.31	94.46	NP
	08/20/20	<1.0	<1.0	21	59	NA	NA	NA		5.15	92.62	NP
	12/28/20	<1.0	<1.0	3.8	14	NA	NA	NA		3.66	94.11	NP
	03/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.87	94.90	NP
	06/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.60	94.17	NP
	09/16/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.51	93.26	NP
12/01/21	<1.0	<1.0	26	300	2.8	110	43		3.37	94.40	NP	
03/24/22	<1.0	<1.0	8.2	52	<1.0	44	14		3.09	94.68	NP	

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
NOBLE 100322
LOWER LATHAM 35-10B, 11B, WELD COUNTY, COLORADO
REM # 11923

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-7	06/28/22	<1.0	<1.0	2.9	16	<1.0	18	2.1	97.77	3.90	93.87	NP
	09/27/22	<1.0	<1.0	17	140	1.8	80	18		3.85	93.92	NP
	12/09/22	<1.0	<1.0	8.1	230	<1.0	12	23		3.27	94.50	NP
	03/29/23	<1.0	<1.0	14	150	<1.0	74	23		3.08	94.69	NP
	06/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.10	94.67	NP
	09/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.80	93.97	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.33	94.44	NP
	03/22/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.23	94.54	NP
	06/18/24	<1.0	<1.0	40	480	2.7	110	58		4.03	93.74	NP
	09/13/24	<1.0	<1.0	12	120	1.2	75	26		3.92	93.85	NP
	12/17/24	<1.0	<1.0	<1.0	14	<1.0	9.8	2.0		3.07	94.70	NP
	03/19/25	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0		3.46	94.31	NP
	06/06/25	<1.0	<1.0	1.21	5.93	<5.0	2.66	<1.0		3.66	94.11	NP
09/03/25	<1.00	<1.00	16.2	131	<2.00	50.9	18.9	4.60	93.17	NP		
MW-8	09/10/18	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	96.51	4.65	91.86	NP
	11/27/18	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.11	93.40	NP
	02/21/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.96	93.55	NP
	05/15/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.14	93.37	NP
	08/14/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.49	93.02	NP
	11/04/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.39	94.12	NP
	02/18/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.81	93.70	NP
	08/20/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.79	91.72	NP
	12/28/20	<1.0	<1.0	<1.0	2.1	NA	NA	NA		3.09	93.42	NP
	03/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.26	94.25	NP
	06/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.10	93.41	NP
	09/16/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.15	92.36	NP
	12/01/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.86	93.65	NP
03/24/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.58	93.93	NP		

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
NOBLE 100322
LOWER LATHAM 35-10B, 11B, WELD COUNTY, COLORADO
REM # 11923

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-8	06/28/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	96.51	3.42	93.09	NP
	09/27/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.40	93.11	NP
	12/09/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.76	93.75	NP
	03/29/23	<1.0	<1.0	<1.0	3.9	<1.0	<1.0	<1.0		2.50	94.01	NP
	06/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.64	93.87	NP
	09/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.34	93.17	NP
	12/4/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.81	93.70	NP
	03/22/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.67	93.84	NP
	06/18/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.57	92.94	NP
	09/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.52	92.99	NP
	12/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.60	93.91	NP
	03/19/25	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0		2.92	93.59	NP
	06/06/25	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0		3.10	93.41	NP
09/03/25	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		4.13	92.38	NP	
MW-9	09/10/18	<1.0	<1.0	23	640	NA	NA	NA	95.65	3.94	91.71	NP
	11/27/18	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.28	93.37	NP
	02/21/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.16	93.49	NP
	05/15/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.32	93.33	NP
	08/14/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.81	92.84	NP
	11/04/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.11	93.54	NP
	02/18/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.04	93.61	NP
	08/20/20	<1.0	<1.0	<1.0	1300	NA	NA	NA		4.11	91.54	NP
	12/28/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.27	93.38	NP
	03/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.43	94.22	NP
	06/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.25	93.40	NP
	09/16/21	<1.0	<1.0	<1.0	<2.0	<1.0	120	<1.0		3.45	92.20	NP
	12/01/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.08	93.57	NP
03/24/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.85	93.80	NP	

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
NOBLE 100322
LOWER LATHAM 35-10B, 11B, WELD COUNTY, COLORADO
REM # 11923

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-9	06/28/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	95.65	2.82	92.83	NP
	09/27/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.50	93.15	NP
	12/09/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.02	93.63	NP
	03/29/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.66	93.99	NP
	06/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.01	93.64	NP
	09/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.59	93.06	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.00	93.65	NP
	03/22/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.93	93.72	NP
	06/18/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.85	92.80	NP
	09/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.75	92.90	NP
	12/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.83	93.82	NP
	03/19/25	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0		2.16	93.49	NP
06/06/25	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0		2.22	93.43	NP	
09/03/25	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		3.23	92.42	NP	
MW-10	11/27/18	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	98.33	4.16	94.17	NP
	02/21/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.01	94.32	NP
	05/15/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.14	94.19	NP
	08/14/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.30	94.03	NP
	11/04/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.96	94.37	NP
	02/18/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		3.85	94.48	NP
	08/20/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		5.49	92.84	NP
	12/28/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.18	94.15	NP
	03/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.49	94.84	NP
	06/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.07	94.26	NP
	09/16/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.96	93.37	NP
	12/01/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.96	93.37	NP
	03/24/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.52	94.81	NP
06/28/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.10	94.23	NP	

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
NOBLE 100322
LOWER LATHAM 35-10B, 11B, WELD COUNTY, COLORADO
REM # 11923

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-10	09/27/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	98.33	4.41	93.92	NP
	12/09/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.80	94.53	NP
	03/29/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.63	94.70	NP
	06/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.49	94.84	NP
	09/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.28	94.05	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.82	94.51	NP
	03/22/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.68	94.65	NP
	06/18/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.39	93.94	NP
	09/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		4.38	93.95	NP
	12/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.54	94.79	NP
	03/19/25	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0		3.94	94.39	NP
	06/06/25	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0		4.16	94.17	NP
09/03/25	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		5.14	93.19	NP
MW-11	11/27/18	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	96.21	2.29	93.92	NP
	02/21/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.21	94.00	NP
	05/15/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.38	93.83	NP
	08/14/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.81	93.40	NP
	11/04/19	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.14	94.07	NP
	02/18/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.10	94.11	NP
	08/20/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		4.06	92.15	NP
	12/28/20	<1.0	<1.0	<1.0	<2.0	NA	NA	NA		2.31	93.90	NP
	03/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.45	94.76	NP
	06/22/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.24	93.97	NP
	09/16/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		3.40	92.81	NP
	12/01/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.09	94.12	NP
	03/24/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.88	94.33	NP
	06/28/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.84	93.37	NP
09/27/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.42	93.79	NP	

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
NOBLE 100322
LOWER LATHAM 35-10B, 11B, WELD COUNTY, COLORADO
REM # 11923

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-11	12/09/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	96.21	2.02	94.19	NP
	03/29/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.68	94.53	NP
	06/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.07	94.14	NP
	09/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.61	93.60	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.97	94.24	NP
	03/22/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.96	94.25	NP
	06/18/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.90	93.31	NP
	09/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.74	93.47	NP
	12/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.84	94.37	NP
	03/19/25	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0		2.18	94.03	NP
	06/06/25	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0		2.29	93.92	NP
09/03/25	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		3.14	93.07	NP	
MW-12	03/24/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	95.40	1.93	93.47	NP
	06/28/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.95	92.45	NP
	09/27/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.54	92.86	NP
	12/09/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.07	93.33	NP
	03/29/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.67	93.73	NP
	06/23/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.11	93.29	NP
	09/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.65	92.75	NP
	12/04/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.04	93.36	NP
	03/22/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.97	93.43	NP
	06/18/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.91	92.49	NP
	09/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		2.82	92.58	NP
	12/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1.99	93.41	NP
	03/19/25	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0		2.19	93.21	NP

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
NOBLE 100322
LOWER LATHAM 35-10B, 11B, WELD COUNTY, COLORADO
REM # 11923

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-12	06/06/25	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	95.4	2.24	93.16	NP
	09/03/25	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00		3.31	92.09	NP

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

NM = Not measured

ND = Not detected

NA = Constituent not analyzed

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 INORGANIC GROUNDWATER CHEMISTRY DATA
NOBLE 100322
LOWER LATHAM 35-10B, 11B, WELD COUNTY, COLORADO
REM # 11923

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-1	12/17/24	1840	478	514
	3/19/25	1620	562	570
	6/6/25	2280	713	645
	9/3/25	2150	602	611
MW-3	12/17/24	1550	299	649
	3/19/25	<i>IW</i>	<i>IW</i>	<i>IW</i>
	6/6/25	1640	485	531
	9/3/25	1490	432	244
MW-4	12/17/24	1480	357	284
	3/19/25	1020	292	378
	6/6/25	1290	317	272
	9/3/25	1710	496	347
MW-5	12/17/24	1350	295	341
	3/19/25	1160	354	366
	6/6/25	1320	374	327
	9/3/25	<i>NM</i>	<i>NM</i>	<i>NM</i>
MW-6	12/17/24	1330	378	299
	3/19/25	760	284	233
	6/6/25	1060	332	115
	9/3/25	1640	471	37.5
MW-7	12/17/24	1760	443	449
	3/19/25	1220	343	363
	6/6/25	1520	415	409
	9/3/25	1680	423	451
MW-8	12/17/24	1470	371	394
	3/19/25	1000	256	308
	6/6/25	1370	347	356
	9/3/25	1440	366	380
MW-9	12/17/24	1940	485	500
	3/19/25	1530	477	533
	6/6/25	1810	478	526
	9/3/25	1730	514	456

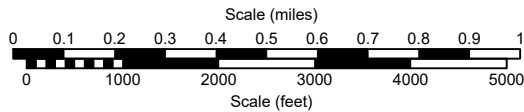
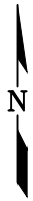
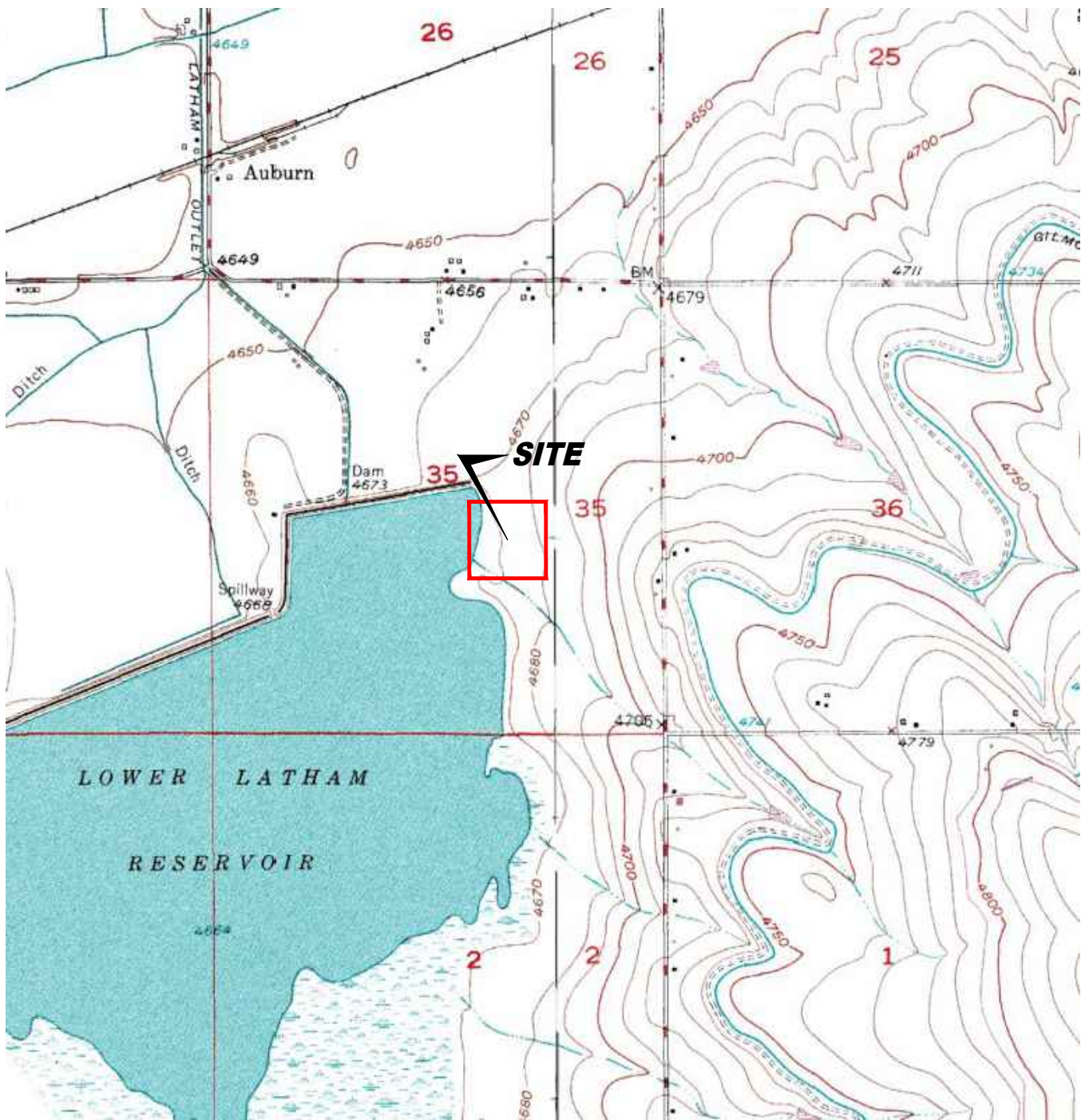
TABLE 2
SUMMARY OF INORGANIC GROUNDWATER CHEMISTRY DATA
NOBLE 100322
LOWER LATHAM 35-10B, 11B, WELD COUNTY, COLORADO
REM # 11923

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	12/17/24	1540	365	385
	3/19/25	1100	372	358
	6/6/25	1610	441	434
	9/3/25	1250	305	345
MW-11	12/17/24	1850	441	477
	3/19/25	1190	377	406
	6/6/25	1800	469	455
	9/3/25	2080	607	594
MW-12	12/17/24	2350	561	630
	3/19/25	1300	362	407
	6/6/25	1830	450	446
	9/3/25	2490	706	680
Maximum BKG Concentration x1.25		2850	891.3	806.3

Notes:

- Groundwater standards referenced from 2 CCR 404-1, Table 915-1, January 15, 2021.
 - 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
NM = Not measured
NA = Constituent not analyzed
IW = Insufficient water
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.

FIGURES



USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1

SITE LOCATION MAP

Noble Energy, Inc. ~ Lower Latham 35-10B, 11B

Q3 2025 Groundwater Monitoring

NWSE Section 35, T5N, R65W, 6th PM

Weld County, Colorado

40.354020°, -104.625980°

Project No. C018-070	Prepared by TA	Drawn by TA	
Date 12/11/2025	Reviewed by MP	Filename 18070T	



LEGEND

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

**Figure 2
SITE MAP**

**Noble Energy, Inc. ~ Lower Latham 35-10B, 11B
Q3 2025 Groundwater Monitoring
NWSE Section 35, T5N, R65W, 6th PM
Weld County, Colorado
40.354020°, -104.625980°**

Project No. C018-070	Prepared by	Drawn by TA
Date 12/11/2025	Reviewed by MP	Filename 18070Q1



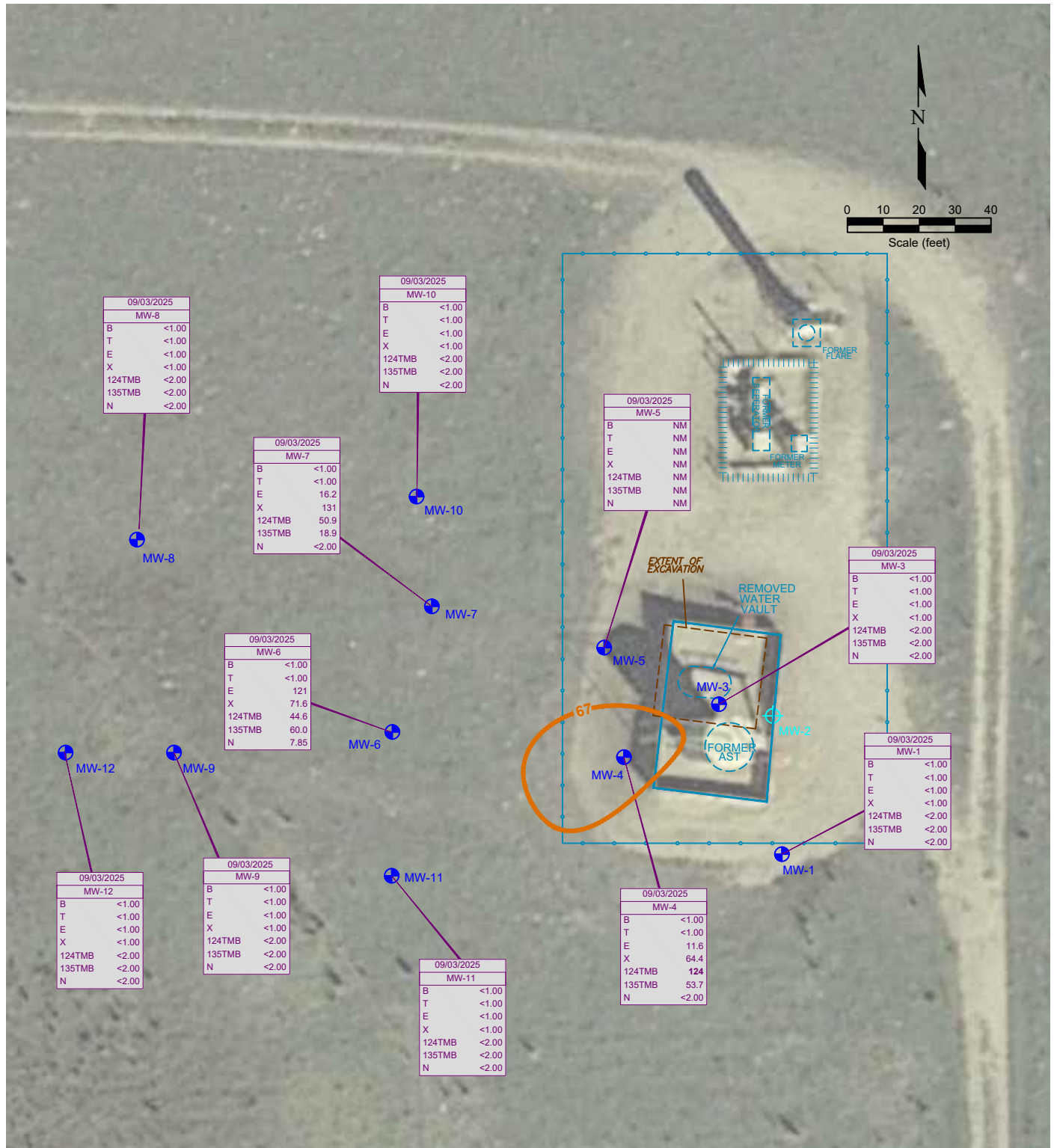


LEGEND

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

Figure 3
INFERRED GROUNDWATER CONTOUR MAP
 September 3, 2025
 Noble Energy, Inc. ~ Lower Latham 35-10B, 11B
 Q3 2025 Groundwater Monitoring
 NWSE Section 35, T5N, R65W, 6th PM
 Weld County, Colorado
 40.354020°, -104.625980°

Project No. C018-070	Prepared by 	Drawn by TA	
Date 12/11/2025	Reviewed by MP	Filename 18070Q1	



LEGEND

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

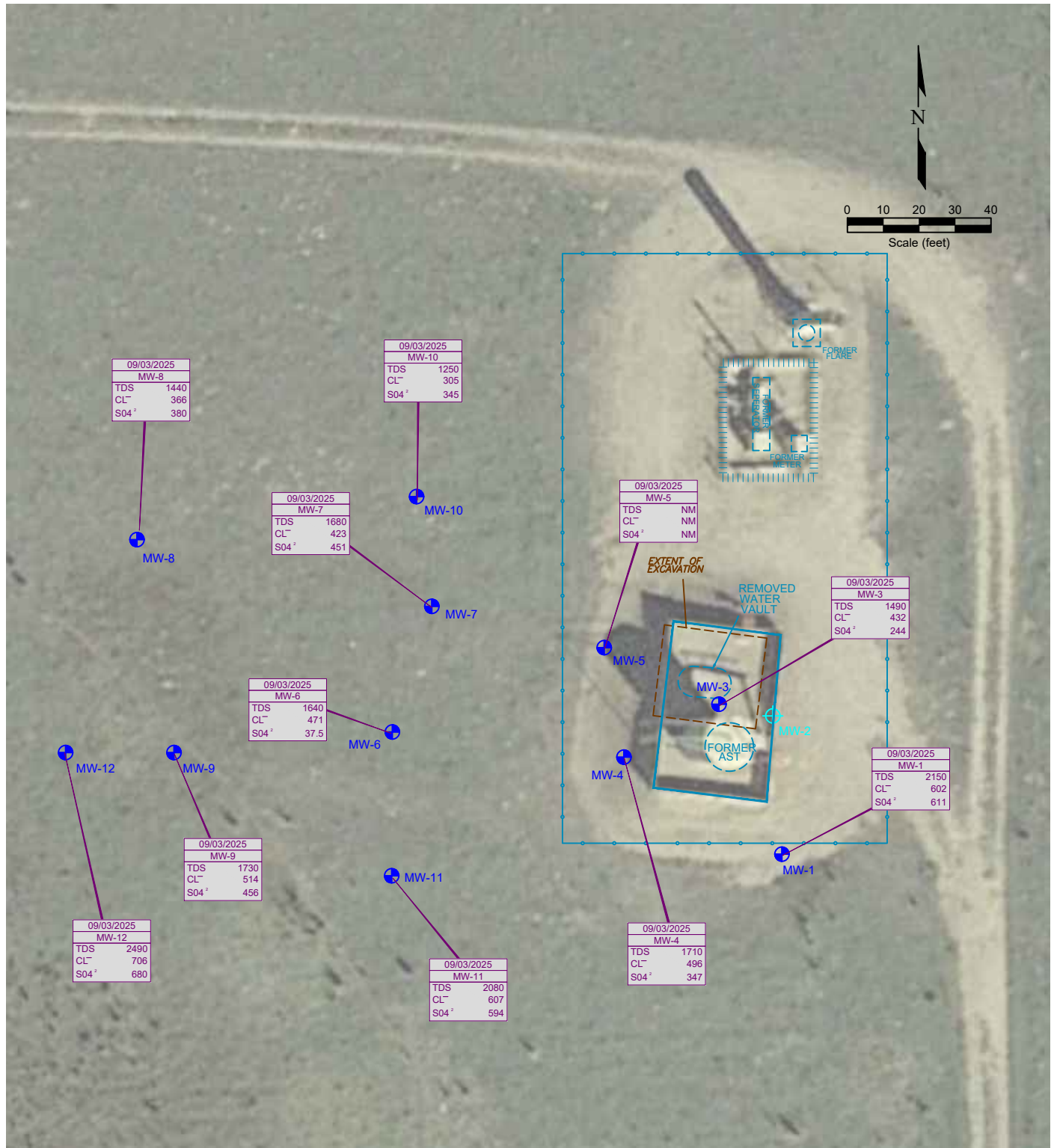
09/03/2025	DATE SAMPLED
MW-1	SAMPLE ID
B	BENZENE (ug/L)
T	TOLUENE (ug/L)
E	ETHYLBENZENE (ug/L)
X	TOTAL XYLENES (ug/L)
124TMB	1,2,4-TRIMETHYLBENZENE (ug/L)
135TMB	1,3,5-TRIMETHYLBENZENE (ug/L)
N	NAPHTHALENE (ug/L)

ISO-CONCENTRATION OF 1,2,4-TRIMETHYLBENZENE (ug/L)

Figure 4
ORGANIC GROUNDWATER CHEMISTRY MAP
 September 3, 2025
 Noble Energy, Inc. ~ Lower Latham 35-10B, 11B
 Q3 2025 Groundwater Monitoring
 NWSE Section 35, T5N, R65W, 6th PM
 Weld County, Colorado
 40.354020°, -104.625980°

Project No. C018-070	Prepared by MP	Drawn by TA
Date 12/11/2025	Reviewed by MP	Filename 18070Q1





09/03/2025
MW-8
TDS 1440
CL ⁻ 366
S04 ²⁻ 380

09/03/2025
MW-10
TDS 1250
CL ⁻ 305
S04 ²⁻ 345

09/03/2025
MW-7
TDS 1680
CL ⁻ 423
S04 ²⁻ 451

09/03/2025
MW-5
TDS NM
CL ⁻ NM
S04 ²⁻ NM

09/03/2025
MW-3
TDS 1490
CL ⁻ 432
S04 ²⁻ 244

09/03/2025
MW-6
TDS 1640
CL ⁻ 471
S04 ²⁻ 37.5

09/03/2025
MW-1
TDS 2150
CL ⁻ 602
S04 ²⁻ 611

09/03/2025
MW-12
TDS 2490
CL ⁻ 706
S04 ²⁻ 680

09/03/2025
MW-9
TDS 1730
CL ⁻ 514
S04 ²⁻ 456

09/03/2025
MW-11
TDS 2080
CL ⁻ 607
S04 ²⁻ 594

09/03/2025
MW-4
TDS 1710
CL ⁻ 496
S04 ²⁻ 347

LEGEND

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

09/03/2025	DATE SAMPLED
MW-1	SAMPLE ID
TDS 2930	TOTAL DISSOLVED SOLIDS (mg/L)
CL ⁻ 132	CHLORIDE ION (mg/L)
S04 ²⁻ 2530	SULFATE ION (mg/L)

Figure 5

INORGANIC GROUNDWATER CHEMISTRY MAP
September 3, 2025

Noble Energy, Inc. ~ Lower Latham 35-10B, 11B
Q3 2025 Groundwater Monitoring
 NWSE Section 35, T5N, R65W, 6th PM
 Weld County, Colorado
 40.354020°, -104.625980°

Project No. C018-070	Prepared by TA	Drawn by TA
Date 12/11/2025	Reviewed by MP	Filename 18070Q1





LEGEND

	MONITORING WELL		CONTAINMENT BERM
	DESTROYED MONITORING WELL		EXTENT OF EXCAVATION
	AIR SPARGE WELL		FENCE LINE
	ABOVE GROUND STORAGE TANK		SYSTEM TRENCH
	FORMER FACILITY		

Figure 6
AIR SPARGE REMEDIATION SYSTEM LAYOUT

Noble Energy, Inc.
Lower Latham 35-10B, 11B
 NWSE Section 35, T5N, R65W, 6th PM
 Weld County, Colorado

Project No. C018-070	Prepared by	Drawn by TA
Date 8/31/22	Reviewed by EB	Filename 18070Q



GRAPHS

Graph 1:
1,2,4 Trimethylbenzene Concentrations in
Lower Latham 35-10B,11B Groundwater Monitoring Wells Over Time

