



NOBLE ENERGY, INC

First Quarter 2026 Groundwater Monitoring Summary

March 5, 2026

ARISTOCRAT PC H11-22D

SENW Section 11 T3N R65W

Remediation #31342

This groundwater monitoring summary has been prepared by CDH Consulting LLC. for the former ARISTOCRAT PC H11-22D wellhead location.

Site History and Background

On November 20, 2024, during wellhead supplemental site investigation activities, groundwater was encountered within the wellhead excavation at approximately 6 feet below ground surface (bgs). One groundwater sample (GW01) was collected from within the excavation on November 21, 2024, and submitted for laboratory analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), naphthalene, 1,2,4-trimethylbenzene (TMB), 1,3,5-TMB, total dissolved solids (TDS), chloride ion, and sulfate ion. Analytical results indicated that the benzene concentration was above the applicable ECMC Table 915-1 regulatory standard in groundwater sample GW01 with a concentration of 193 mg/L, as well as the sulfate ion with a concentration of 447 mg/L. On April 15, 2025, five monitoring wells (MW01 – MW05) were installed to delineate dissolved-phase hydrocarbon impacts within and adjacent to the former excavation extent. On May 13, 2025, three background groundwater samples were collected to delineate inorganic impacts within and adjacent to the former excavation extent (BKG01@9', BKG02@9', and BKG03@9'). After further review the background groundwater samples collected (BKG02@9' and BKG03@9') were determined to be within the historic oil and gas impacted area and will not be used to determine site specific background concentrations of Chloride ion, Sulfate ion, and Total Dissolved Solids (TDS) by ECMC approved methods.

Groundwater Monitoring Activities

On January 22, 2026, groundwater monitoring was conducted at all five monitoring wells (MW01 – MW05). Five groundwater samples were submitted to Enthalpy Analytical for analysis of BTEX, naphthalene, 1,2,4-TMB, and 1,3,5-TMB by EPA Method 8260D, total dissolved solids by EPA Method 2540C, and chloride and sulfate ions by EPA Method 300.0.

First quarter 2026 analytical results indicated that organic compound concentrations were in compliance with the applicable ECMC Table 915-1 regulatory standards in all five monitoring well locations. First quarter 2026 analytical results indicated that inorganic compound concentrations exceeded applicable ECMC Table 915-1 regulatory standards but remained below 1.25 x maximum background concentrations at all five monitoring well locations. Sample locations and corresponding analytical results are illustrated on Figure 1, Figure 2, and Figure 3. Groundwater elevation data is illustrated on Figure 4. Groundwater analytical results are summarized in Tables 1 and 2. The laboratory analytical reports are included as Attachment A.

Current Remediation Strategy and Path Forward



During the first quarter 2026 sampling event, organic compound concentrations in compliance with the applicable regulatory standards were achieved. Four consecutive quarters of organic concentrations have been in compliance with regulatory standards and groundwater monitoring at Aristocrat PC H11-22D will be discontinued. The five monitoring wells will be abandoned in accordance with ECMC regulatory standards. An investigation of background inorganics in groundwater will be completed via the proposed 3 temporary monitoring wells, which will be installed in Quarter 2 of 2026. These wells will be sampled once for background groundwater evaluation and will then be abandoned.

TABLE OF CONTENTS

Tables

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

Figures

- 1 Site Overview Map
- 2 Groundwater Organic Analytical Results Map
- 3 Groundwater Inorganic Analytical Results Map
- 4 Quarter 1 Groundwater Elevation Contour Map
- 5 Supplemental Site Investigation Map

Graphs

- 1 Benzene Concentration vs Groundwater Elevation
- 2 TDS Concentrations vs Background vs Groundwater Elevation
- 3 Chloride Ion Concentrations vs Background vs Groundwater Elevation
- 4 Sulfate Ion Concentrations vs Background vs Groundwater Elevation

TABLE 1
SUMMARY OF GROUNDWATER ORGANIC CHEMISTRY DATA
NOBLE 100322
ARISTOCRAT PC H11-22D, WELD COUNTY, COLORADO
REM #31342

Sample ID	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Depth to Groundwater ⁽²⁾ (ft. bgs)	Groundwater Elevation (ft. AMSL)	LNAPL Thickness (ft.)
ECMC Table 915-1 Limits ⁽¹⁾		5.0	560	700	1,400	140	67	67			
GW01	11/21/2024	193	327	38	462	<2.00	48.7	38.2	6	NM	ND
MW01	4/22/2025	<0.001	<0.001	<0.001	<0.003	<0.005	<0.001	<0.001	3.52	97.03	ND
	7/8/2025	<0.00100	<0.00100	<0.00100	<0.00300	<0.00500	<0.00100	<0.00100	4.02	96.53	ND
	10/9/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	4.86	95.69	ND
	1/22/2026	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	4.75	95.80	ND
MW02	4/22/2025	<0.001	<0.001	<0.001	<0.003	<0.005	<0.001	<0.001	3.02	97.32	ND
	7/8/2025	<0.00100	<0.00100	<0.00100	<0.00300	<0.00500	<0.00100	<0.00100	3.44	96.76	ND
	10/9/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	4.42	95.90	ND
	1/22/2026	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	4.22	96.03	ND
MW03	4/22/2025	<0.001	<0.001	<0.001	<0.003	<0.005	<0.001	<0.001	3.19	96.81	ND
	7/8/2025	<0.00100	<0.00100	<0.00100	<0.00300	<0.00500	<0.00100	<0.00100	3.84	96.16	ND
	10/9/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	4.78	95.22	ND
	1/22/2026	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	4.44	95.56	ND
MW04	4/22/2025	<0.001	<0.001	<0.001	<0.003	<0.005	<0.001	<0.001	2.78	97.32	ND
	7/8/2025	<0.00100	<0.00100	<0.00100	<0.00300	<0.00500	<0.00100	<0.00100	3.34	96.76	ND
	10/9/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	4.20	95.90	ND
	1/22/2026	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	4.07	96.03	ND
MW05	4/22/2025	<0.001	<0.001	<0.001	<0.003	<0.005	<0.001	<0.001	2.63	96.63	ND
	7/8/2025	<0.00100	<0.00100	<0.00100	<0.00300	<0.00500	<0.00100	<0.00100	3.12	96.14	ND
	10/9/2025	<0.50	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	3.90	95.36	ND
	1/22/2026	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	3.83	95.43	ND

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.
- TMB = Trimethylbenzene
ECMC = Colorado Energy and Carbon Management Commission
LNAPL = Light Non-Aqueous Phase Liquid
µg/L = Micrograms per liter
(<) = Analytical result is less than the indicated laboratory reporting limit.
ft. = Feet
bgs = below ground surface
AMSL = Above Mean Sea Level
NM = Not measured
ND = Not detected
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 GROUNDWATER INORGANIC CHEMISTRY DATA
NOBLE 100322
ARISTOCRAT PC H11-22D, WELD COUNTY, COLORADO
REM #31342

Sample ID	Sample Date	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)	Depth to Groundwater ⁽²⁾ (ft. bgs)	Groundwater Elevation (ft. AMSL)
ECMC Table 915-1 Limits ⁽¹⁾		<1.25 x local background	250 or <1.25 x local background	250 or <1.25 x local background	-	-
GW01	11/21/24	1,490	206	447	6.00	NM
MW01	04/22/25	1,590	276	495	3.52	97.03
	07/08/25	1270	248	375	4.02	96.53
	10/09/25	4,310	263	347	4.86	95.69
	01/22/26	1,280	256	353	4.75	95.80
MW02	04/22/25	1,250	241	322	3.02	97.32
	07/08/25	1,080	232	324	3.44	96.76
	10/09/25	1,310	251	319	4.42	95.90
	01/22/26	1,040	241	313	4.22	96.03
MW03	04/22/25	1,970	254	487	3.19	96.81
	07/08/25	1,060	206	317	3.84	96.16
	10/09/25	1,490	322	536	4.78	95.22
	01/22/26	1,080	229	327	4.44	95.56
MW04	04/22/25	1,470	273	392	2.78	97.32
	07/08/25	1,180	265	359	3.34	96.76
	10/09/25	1,680	247	294	4.20	95.90
	01/22/26	1,200	247	338	4.07	96.03
MW05	04/22/25	1,160	195	324	2.63	96.63
	07/08/25	1,090	210	289	3.12	96.14
	10/09/25	1,170	251	354	3.90	95.36
	01/22/26	1,290	262	441	3.83	95.43
BKG01@9'	05/13/25	1,830	298	388	9.00	NM
BKG02@9' ¹	05/13/25	1,960	316	424	9.00	NM
BKG03@9' ¹	05/13/25	4,400	952	1,630	9.00	NM
Maximum BKG Concentration x1.25		2,288	373	485	-	-

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.

¹ Indicates background samples were determined to be within the oil and gas impacted area and will not be used to determine site specific background parameters.

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

bgs = below ground surface

NA = Constituent not analyzed

AMSL = Above Mean Sea Level

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.

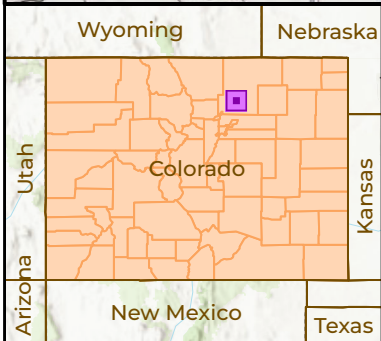
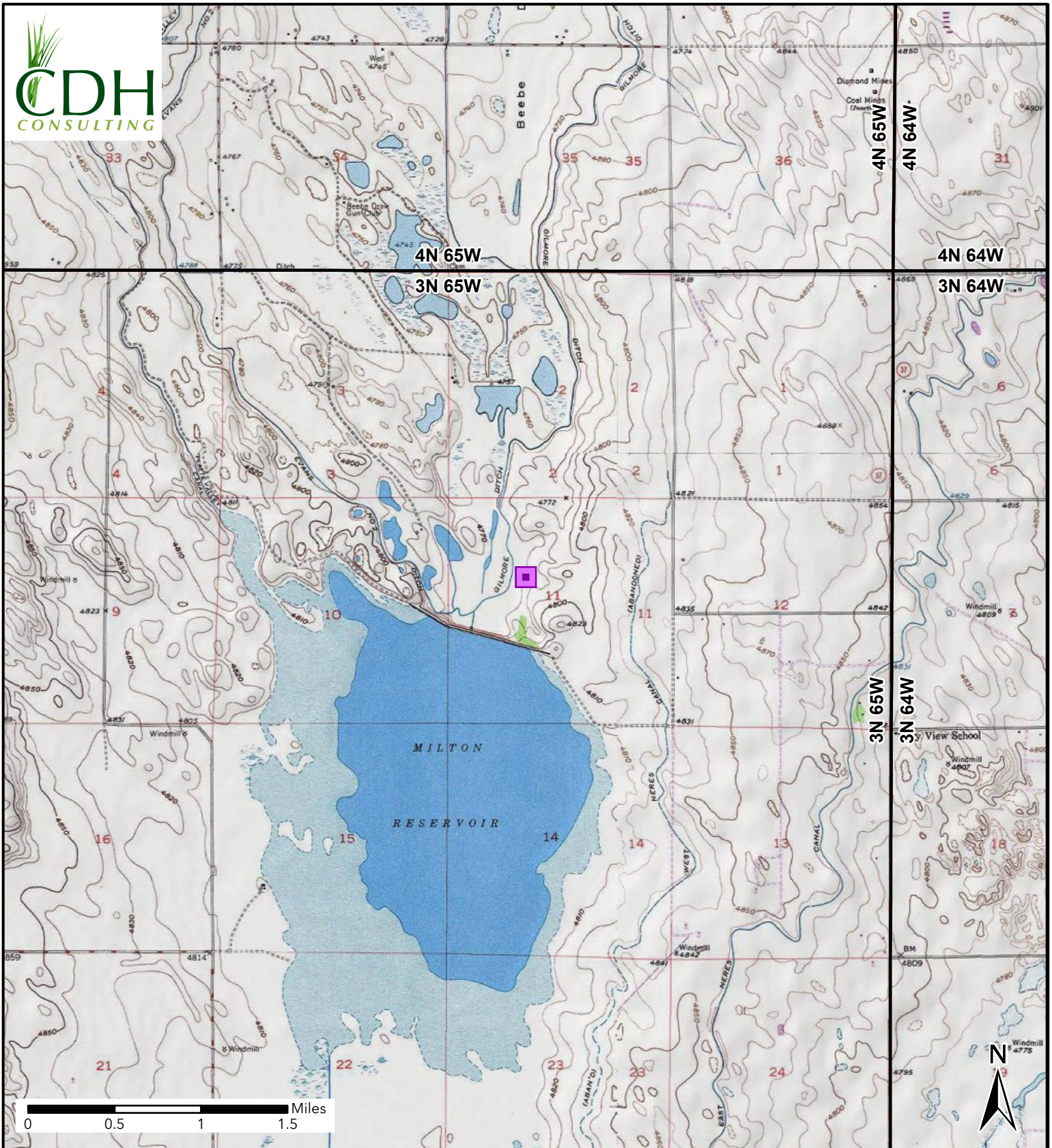


Figure 1
Site Location Map
Aristocrat PC H11-22D
SEW-SEC 11-T3N-R65W
Weld County, Colorado
Noble Energy, Inc.

 Site Location



MW-05
 Date: 1/22/2026
 Benzene: <1.00 µg/L
 Toluene: <1.00 µg/L
 Ethyl-Benzene: <1.00 µg/L
 Xylenes: <1.00 µg/L
 Naphthalene: <2.00 µg/L
 1,2,4-Trimethyl-Benzene: <2.00 µg/L
 1,3,5-Trimethyl-Benzene: <2.00 µg/L

BKG01@9'

GW01
 Date: 11/21/2024
 Benzene: **193** µg/L
 Toluene: 327 µg/L
 Ethyl-Benzene: 38.0 µg/L
 Xylenes: 462 µg/L
 Naphthalene: <2.00 µg/L
 1,2,4-Trimethyl-Benzene: 48.7 µg/L
 1,3,5-Trimethyl-Benzene: 38.2 µg/L

MW-03
 Date: 1/22/2026
 Benzene: <1.00 µg/L
 Toluene: <1.00 µg/L
 Ethyl-Benzene: <1.00 µg/L
 Xylenes: <1.00 µg/L
 Naphthalene: <2.00 µg/L
 1,2,4-Trimethyl-Benzene: <2.00 µg/L
 1,3,5-Trimethyl-Benzene: <2.00 µg/L

MW-02
 Date: 1/22/2026
 Benzene: <1.00 µg/L
 Toluene: <1.00 µg/L
 Ethyl-Benzene: <1.00 µg/L
 Xylenes: <1.00 µg/L
 Naphthalene: <2.00 µg/L
 1,2,4-Trimethyl-Benzene: <2.00 µg/L
 1,3,5-Trimethyl-Benzene: <2.00 µg/L

MW-04
 Date: 1/22/2026
 Benzene: <1.00 µg/L
 Toluene: <1.00 µg/L
 Ethyl-Benzene: <1.00 µg/L
 Xylenes: <1.00 µg/L
 Naphthalene: <2.00 µg/L
 1,2,4-Trimethyl-Benzene: <2.00 µg/L
 1,3,5-Trimethyl-Benzene: <2.00 µg/L

MW-01
 Date: 1/22/2026
 Benzene: <1.00 µg/L
 Toluene: <1.00 µg/L
 Ethyl-Benzene: <1.00 µg/L
 Xylenes: <1.00 µg/L
 Naphthalene: <2.00 µg/L
 1,2,4-Trimethyl-Benzene: <2.00 µg/L
 1,3,5-Trimethyl-Benzene: <2.00 µg/L

NOTE:
 XXXX@X = Sample Name @ Depth in Feet
BOLD - Above ECMC Table 915-1 Standards
 µg/L = micrograms per liter

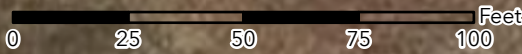


Figure 2
Groundwater Organic Analytical Results Map
ARISTOCRAT PC H11-22D
 SENW-SEC 11-T3N-R65W
 Weld County, Colorado
 Noble Energy Inc.



- Background Sample
- Grab Groundwater Sample
- ◆ Monitoring Well
- Flowline Removed
- Existing Excavation

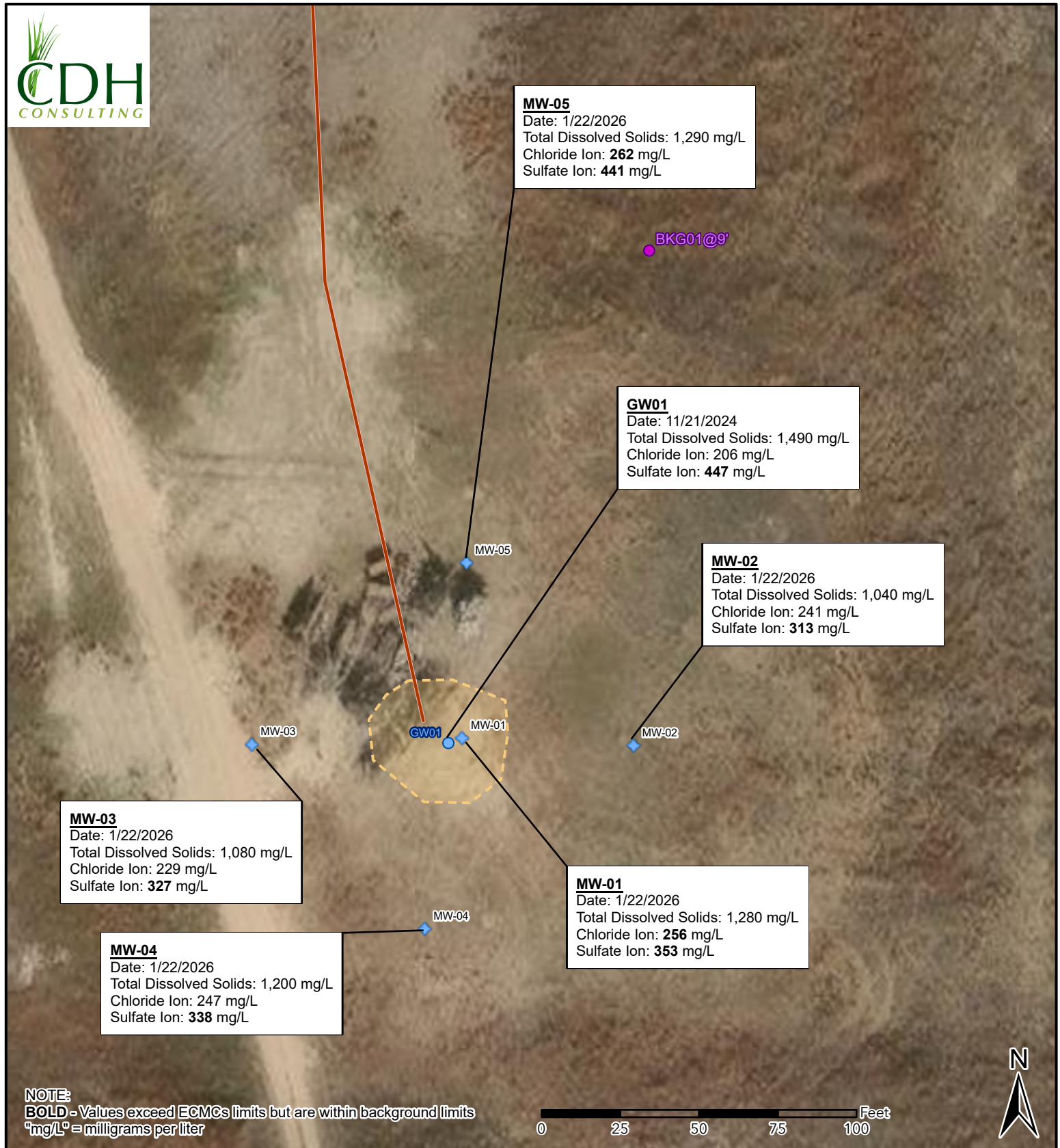
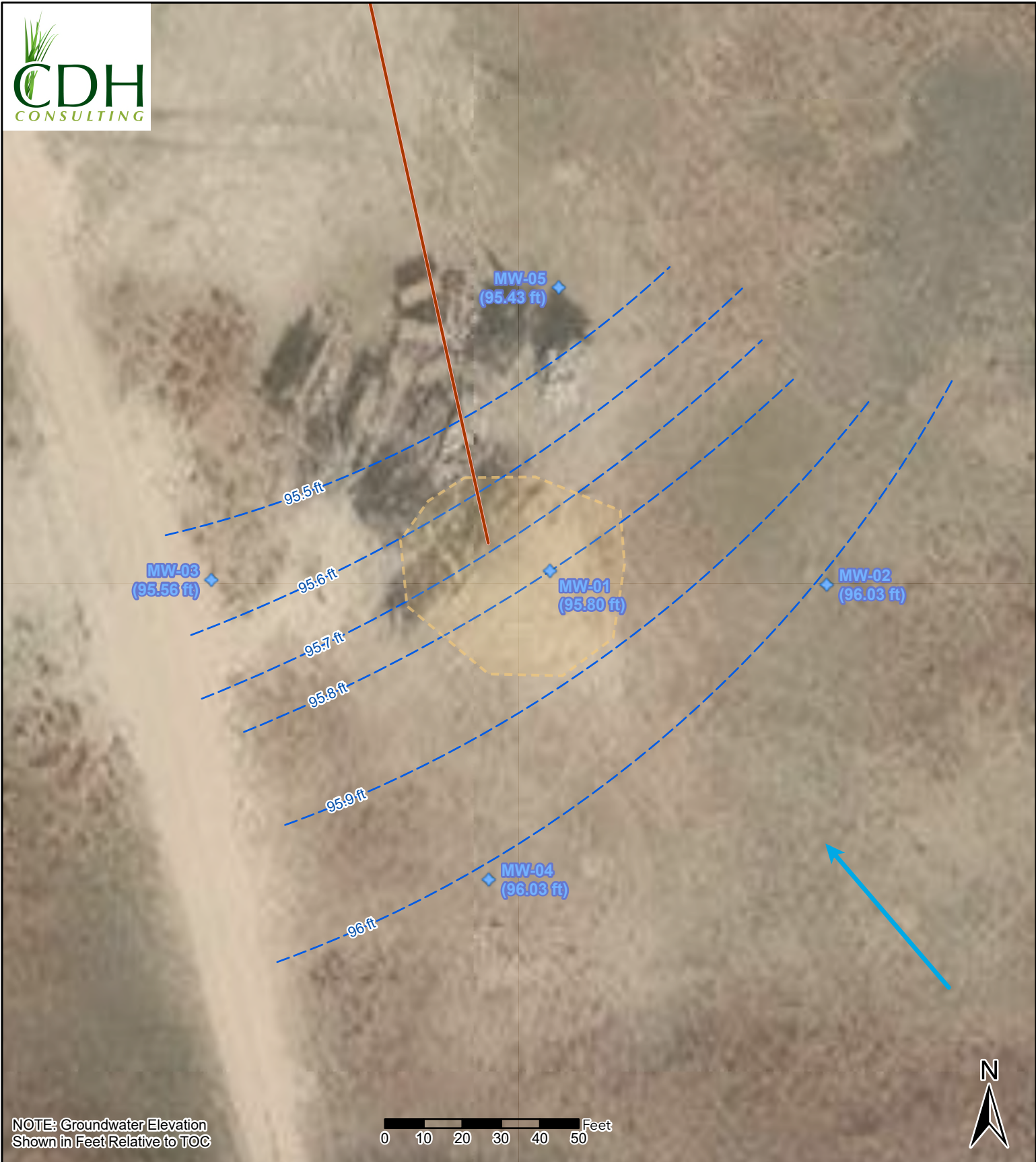


Figure 3
Groundwater Inorganic Analytical Results Map
ARISTOCRAT PC H11-22D
SENW-SEC 11-T3N-R65W
Weld County, Colorado
Noble Energy Inc.

- Background Sample
- Grab Groundwater Sample
- ◆ Monitoring Well
- Flowline Removed
- Existing Excavation

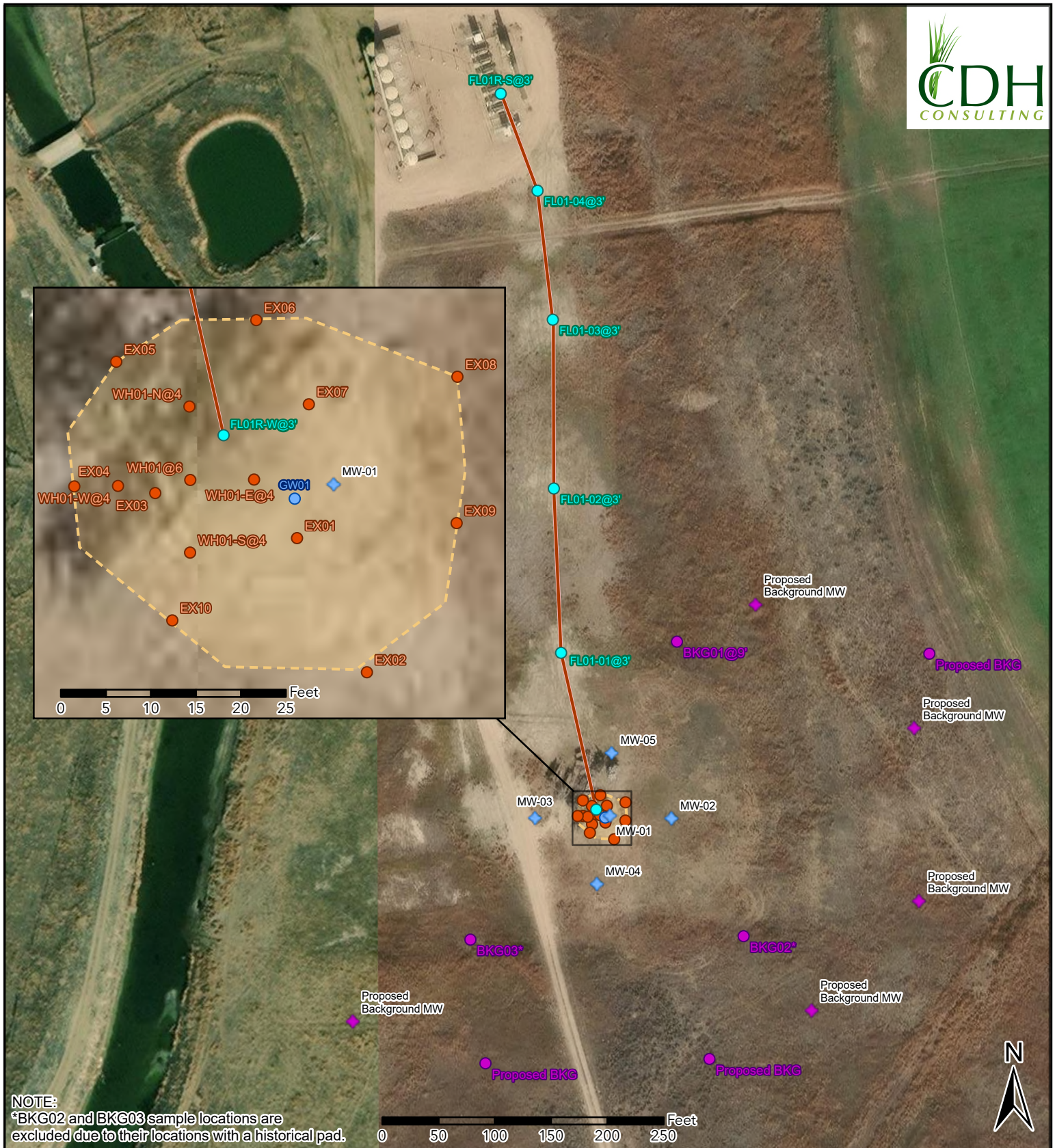


NOTE: Groundwater Elevation Shown in Feet Relative to TOC



Figure 4
Q1 2026 Groundwater Elevation Map
 Aristocrat PC H11-22D
 SENW-SEC 11-T3N-R65W
 Weld County, Colorado
 Noble Energy Inc.

- ◆ Monitoring Well
- - - Groundwater Elevation
- ➔ Groundwater Flow
- Flowline Removed
- Existing Excavation



NOTE:
 *BKG02 and BKG03 sample locations are excluded due to their locations with a historical pad.

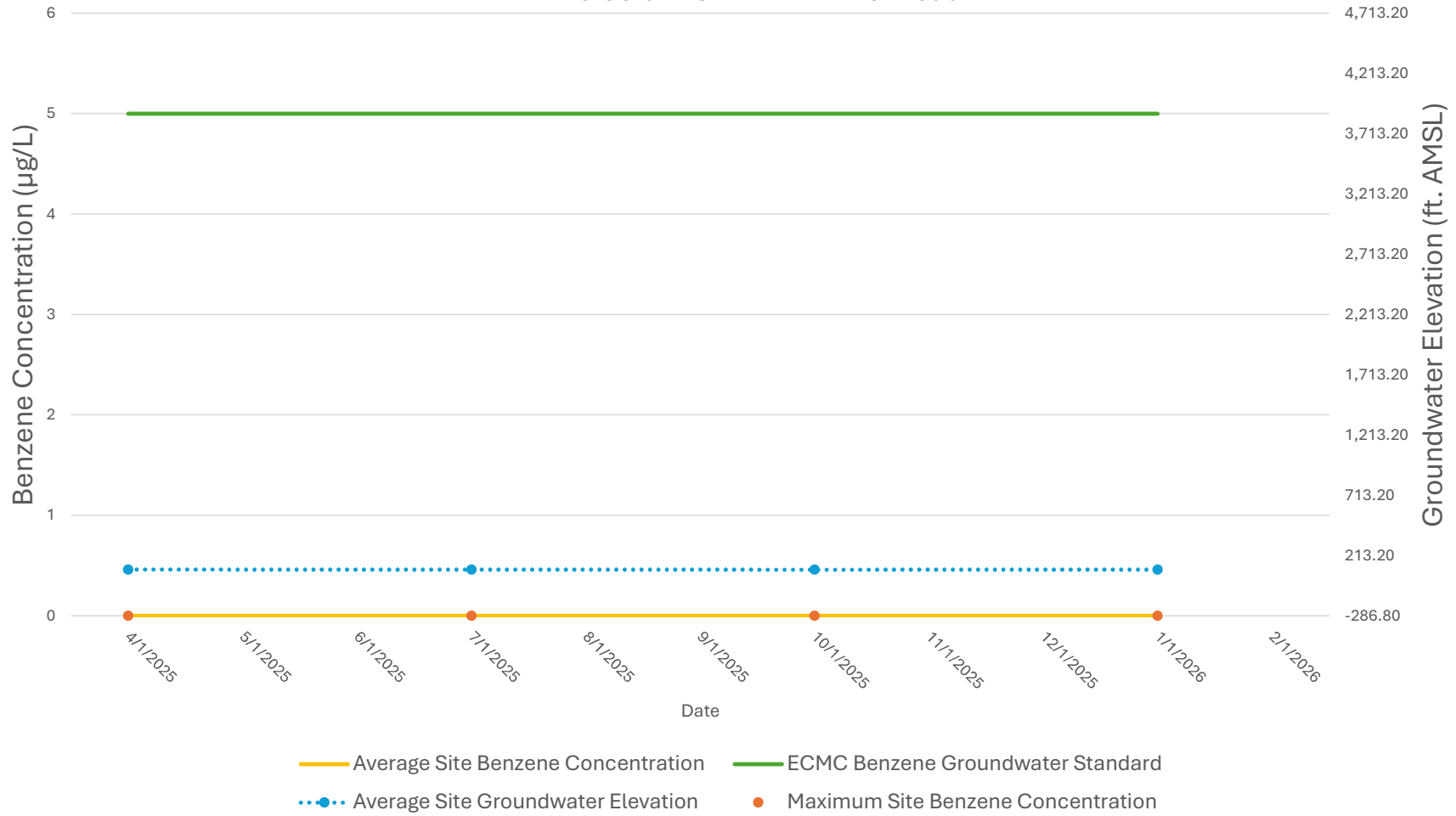


Figure 5
Supplemental Site Investigation Map
 ARISTOCRAT PC H11-22D
 SENW-SEC 11-T3N-R65W
 Weld County, Colorado
 Noble Energy Inc.

- Soil Sample
- Grab Groundwater Sample
- Planned Confirmation Soil Sample
- Background Sample
- ◆ Monitoring Well
- ◆ Background Monitoring Well
- Flowline Removed
- Existing Excavation

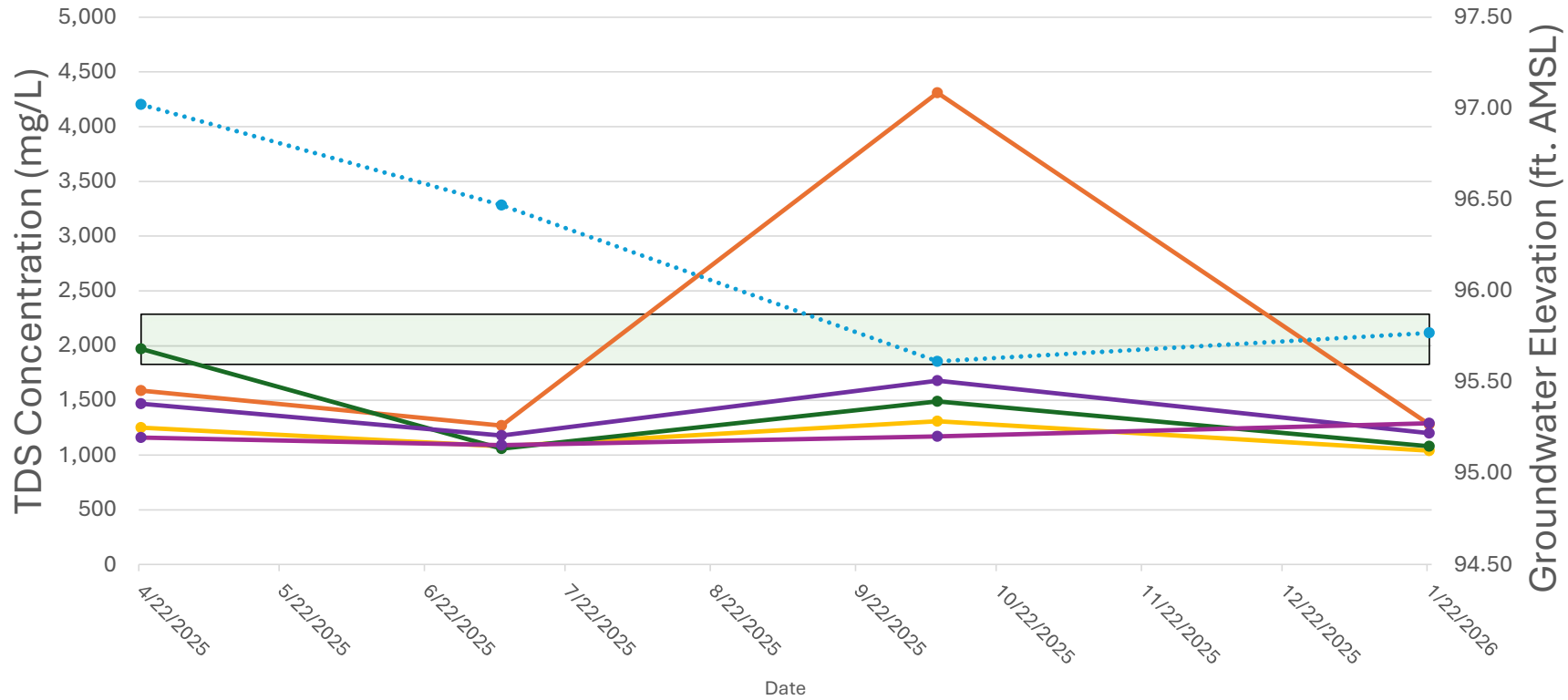


Graph 1: Benzene Concentration vs Groundwater Elevation
Aristocrat PC H11-22D Wellhead



Notes:
ug/L = micrograms per liter
ECMC = Colorado Energy and Carbon Management Commission

Graph 2: TDS Concentration vs Background vs Groundwater Elevation
Aristocrat PC H11-22D Wellhead



Notes:

TDS = Total Dissolved Solids

ug/L = micrograms per liter

ECMC = Colorado Energy and Carbon Management Commission

Historic 1.25x Max and Min BKG

MW02

MW04

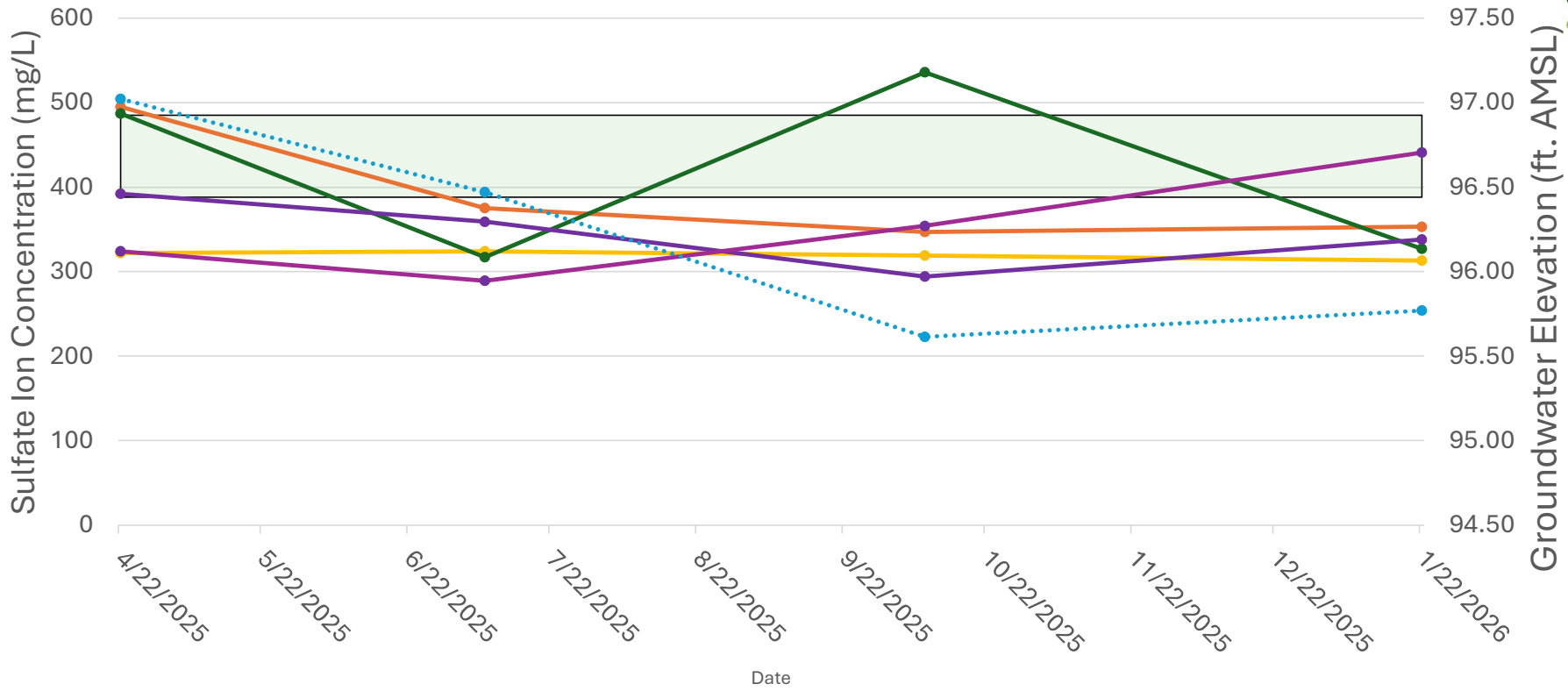
Average Site Groundwater Elevation

MW01

MW03

MW05

Graph 3: Sulfate Ion Concentration vs Background vs Groundwater Elevation
Aristocrat PC H11-22D Wellhead

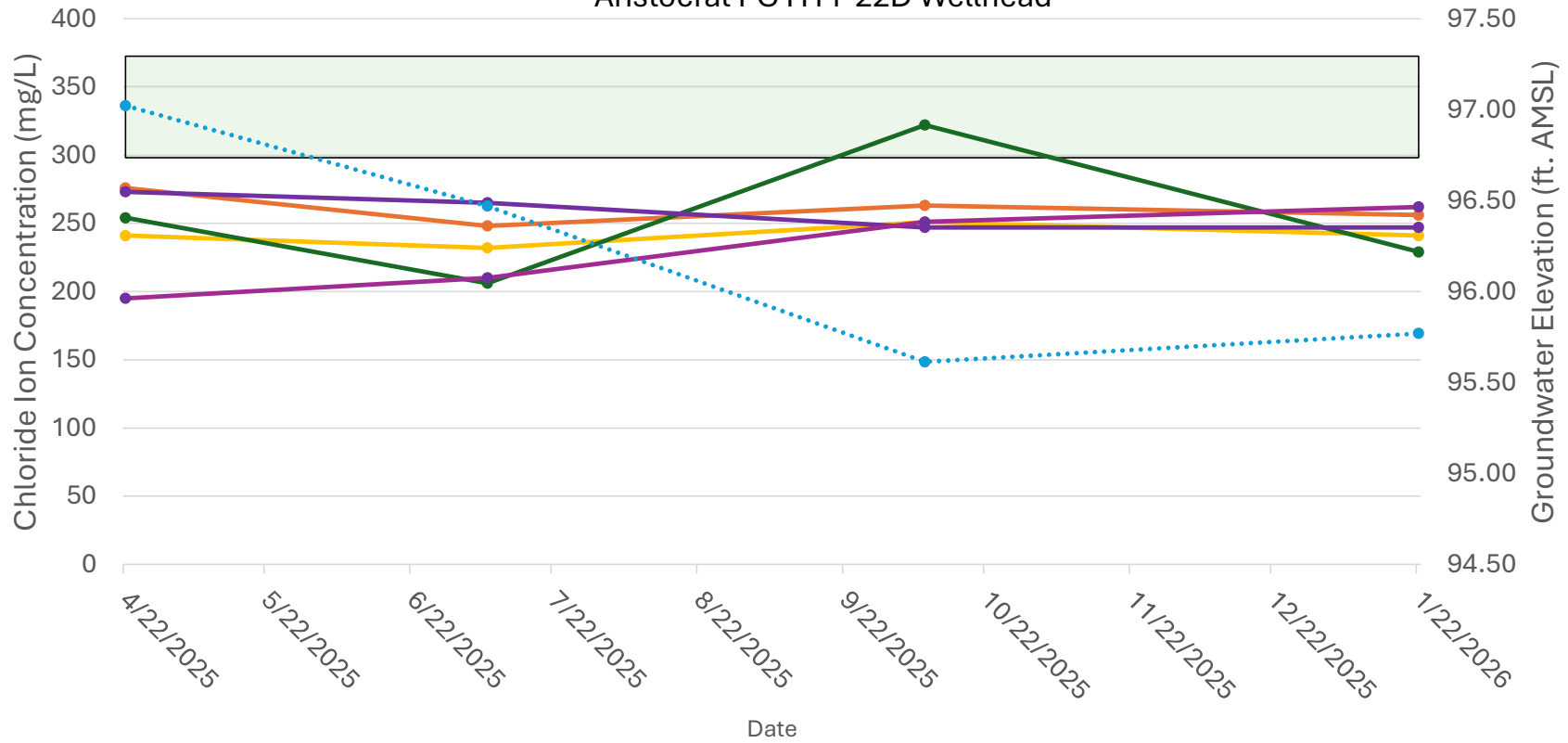


Historic 1.25x Max and Min BKG
 MW02
 MW04
 Average Site Groundwater Elevation

MW01
 MW03
 MW05

Notes:
 mg/L = Milligrams per liter
 BKG = Background
 ECMC = Colorado Energy and Carbon Management Commission

Graph 4: Chloride Ion Concentration vs Background vs Groundwater Elevation
Aristocrat PC H11-22D Wellhead



Notes:
 mg/L = Milligrams per liter
 BKG = Background
 ECMC = Colorado Energy and Carbon Management Commission

- Historic 1.25x Max and Min BKG
- MW01
- MW02
- MW03
- MW04
- MW05