

April 10, 2024

Civitas Resources Inc – Oster 1

Groundwater Monitoring Report

API # 05-123-11087

SESE Sec. 28, T4N, R65W

40.279016, -104.661437

Weld County, Colorado

Fremont Project No. C022-107

Facility #319336, Remediation # 20312

Site Overview – Site History

Historical soil impacts were observed by Apex following laboratory analysis of samples collected during the decommissioning of production equipment at the Oster 1 location. Excavation of impacted soil at and adjacent to the former Oster 1 wellhead and associated tank battery was undertaken and overseen by Apex between January 2022 and March 2022.

Groundwater was not encountered during excavation, but due to its proximity to the base of excavation, a pothole was advanced into groundwater to collect a groundwater sample. Laboratory results from groundwater sampling indicated Table 915-1 constituents were within allowable limits. Following Apex's consultation with the site's ECMC Environmental Protection Specialist on April 1, 2022, it was determined that monitoring well installation should be pursued to evaluate the site-specific groundwater conditions.

The remediation project was transferred from Apex to Fremont Environmental Inc. (Fremont) during quarter four of 2022.

Conceptual Site Model*

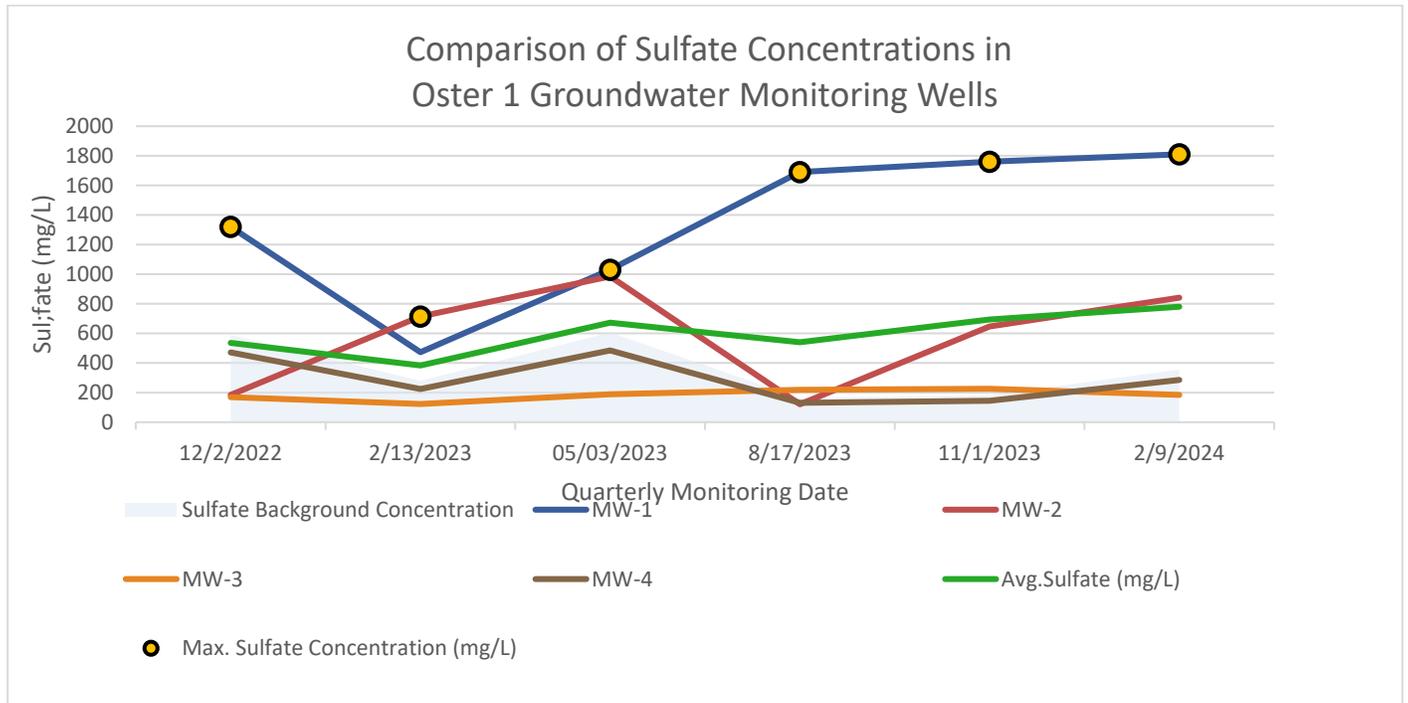
*Data presented represents the most recent sampling event

- **Land Use** – Agricultural (Crop)
- **Soil Type (USCS)** – CL - SP
- **Potential Receptors within ¼ mile** – Occupied buildings, irrigation ditch
- **Inferred Groundwater Gradient (Ft/Ft) and Flow Direction** – 0.034 ft/ft SE
- **Average Depth to Groundwater** – ~ 12.23 ft below ground surface
- **Impacted Media and Extent** – Groundwater
- **LNAPL Present** – No
- **Points of Compliance** – Yes, in all cardinal and ordinal directions, MW-4 used as local background
- **Number of Consecutive ECMC Compliant Quarters** – Four (for dissolved phase organic constituents)
- **Remediation Type** – MNA
- **Remediation System Activation Date** – NA

Contaminants of Concern (COC)

The laboratory data indicates that the inorganic constituents were reported with groundwater concentrations below the ECMC Table 915-1 standard for sulfate in two of the four wells. Two monitoring wells exceeded the ECMC Table 915-1 sulfate standard of 1.25 times the background concentration. The groundwater analytical data are summarized

in Tables 1 and 2 and illustrated on Figure 4. A copy of the laboratory’s report, quality control data, and chain-of-custody documentation is attached.



Remedial Actions

It is anticipated that over time, dispersion and dilution in groundwater will reduce the elevated concentrations of sulfate in the groundwater.

Remarks

The discussion and conclusions contained in this report represent our professional opinions. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

Please contact me at (970)213 -7488 if you require any additional information.

Fremont appreciates the opportunity to provide this service.

This report was prepared by **FREMONT ENVIRONMENTAL INC.**

4/10/2024

Date _____

Chris Lattes
Consultant

Reviewed by:



4/10/24

Date _____

Paul Henehan, PE
Senior Consultant

Attachments:

- Tables
- Figures
- Laboratory Report

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
CIVITAS RESOURCES, INC.
OSTER 1, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C022-107

| 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 (ft) | Groundwater Elevation (ft) | LNAPL Thickness (ft) |
|-------------------------|-------------|----------------|----------------|----------------------|----------------|--------------------|--------------------------------|--------------------------------|--------------------|---------------------------|----------------------------|----------------------|
| ECMC Table 915-1 Limits | | 5.0 | 560 | 700 | 1400 | 140 | 67 | 67 | | | | |
| MW-1 | 8/16/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NM | NM | NM | NP |
| | 12/2/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 97.34 | 10.89 | 86.45 | NP |
| | 2/13/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 11.86 | 85.48 | NP |
| | 5/3/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 10.95 | 86.39 | NP |
| | 8/17/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 7.88 | 89.46 | NP |
| | 11/1/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 10.87 | 86.47 | NP |
| | 2/9/2024 | NA | NA | NA | NA | NA | NA | NA | | 12.50 | 84.84 | NP |
| MW-2 | 8/16/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NM | NM | NM | NP |
| | 12/2/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 95.19 | 11.25 | 83.94 | NP |
| | 2/13/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 11.77 | 83.42 | NP |
| | 5/3/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 9.82 | 85.37 | NP |
| | 8/17/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 8.43 | 86.76 | NP |
| | 11/1/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 10.85 | 84.34 | NP |
| | 2/9/2024 | NA | NA | NA | NA | NA | NA | NA | | 12.05 | 83.14 | NP |
| MW-3 | 8/16/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NM | NM | NM | NP |
| | 12/2/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 100.00 | 13.18 | 86.82 | NP |
| | 2/13/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 10.12 | 89.88 | NP |
| | 5/3/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 8.87 | 91.13 | NP |
| | 8/17/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 9.01 | 90.99 | NP |
| | 11/1/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 11.27 | 88.73 | NP |
| | 2/9/2024 | NA | NA | NA | NA | NA | NA | NA | | 13.16 | 86.84 | NP |
| MW-4 | 8/16/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NM | NM | NM | NP |
| | 12/2/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 99.83 | 11.57 | 88.26 | NP |
| | 2/13/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | 3.9 | 5.5 | | 11.54 | 88.29 | NP |
| | 5/3/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 10.67 | 89.16 | NP |
| | 8/17/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 8.24 | 91.59 | NP |
| | 11/1/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 9.95 | 89.88 | NP |
| | 2/9/2024 | NA | NA | NA | NA | NA | NA | NA | | 11.19 | 88.64 | NP |

Bold face values exceed the ECMC limits

Red highlighted 915-1 Limits indicate the referenced groundwater screening level

NP - No measurable LNAPL

NA - Not Analyzed

TABLE 2
SUMMARY OF INORGANIC GROUNDWATER CHEMISTRY DATA
CIVITAS OIL AND GAS
OSTER 1, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C022-107

| 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 |
| Site Specific Background | | 2525 | 1228 | 356 |
| MW-1 | 8/16/2022 | 2900 | 244 | 1320 |
| | 12/2/2022 | 1910 | 272 | 1320 |
| | 2/13/2023 | 2020 | 138 | 473 |
| | 05/03/2023 | 1770 | 193 | 1030 |
| | 8/17/2023 | 2850 | 239 | 1690 |
| | 11/1/2023 | 2680 | 224 | 1760 |
| | 2/9/2024 | 2280 | 254 | 1810 |
| MW-2 | 8/16/2022 | 2650 | 290 | 1080 |
| | 12/2/2022 | 1750 | 339 | 184 |
| | 2/13/2023 | 2490 | 231 | 714 |
| | 05/03/2023 | 1790 | 381 | 985 |
| | 8/17/2023 | 479 | 62.4 | 121 |
| | 11/1/2023 | 1610 | 247 | 647 |
| | 2/9/2024 | 1540 | 324 | 841 |
| MW-3 | 8/16/2022 | 1240 | 179 | 277 |
| | 12/2/2022 | 716 | 204 | 169 |
| | 2/13/2023 | 1030 | 112 | 123 |
| | 05/03/2023 | 821 | 195 | 189 |
| | 8/17/2023 | 1030 | 226 | 219 |
| | 11/1/2023 | 1110 | 215 | 226 |
| | 2/9/2024 | 736 | 191 | 185 |
| MW-4 | 8/16/2022 | 3240 | 929 | 605 |
| | 12/2/2022 | 2260 | 1030 | 472 |

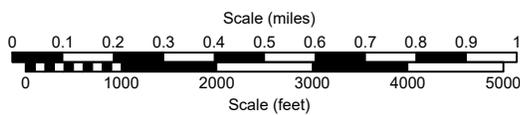
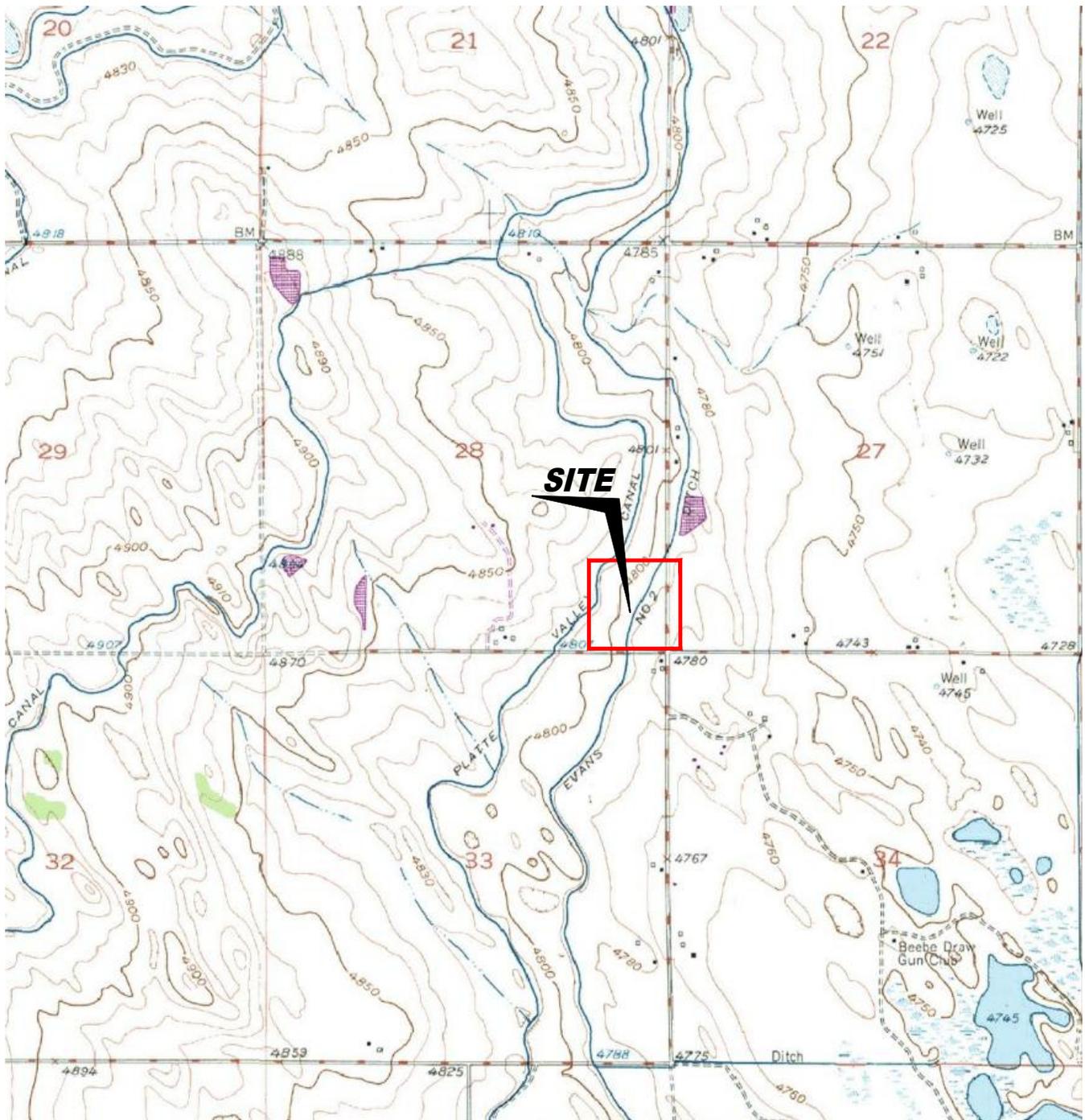
| Sample ID | Sample Date | Total Dissolved Solids (mg/L) | Chloride Ion (mg/L) | Sulfate Ion (mg/L) |
|--------------------------|-------------|-------------------------------|---------------------------------|---------------------------------|
| ECMC Table 915-1 Limits | | <1.25 x local background | 250 or <1.25 x local background | 250 or <1.25 x local background |
| Site Specific Background | | 2525 | 1228 | 356 |
| MW-4 | 2/13/2023 | 2850 | 386 | 224 |
| | 05/03/2023 | 2130 | 887 | 485 |
| | 8/17/2023 | 2320 | 940 | 131 |
| | 11/1/2023 | 2640 | 951 | 145 |
| | 2/9/2024 | 2020 | 982 | 285 |

Bold face values exceed the ECMC limits

Yellow highlighted 915-1 Limits indicate the referenced groundwater screening level

MW-4 used as upgradient/crossgradient background well

DES - Destroyed



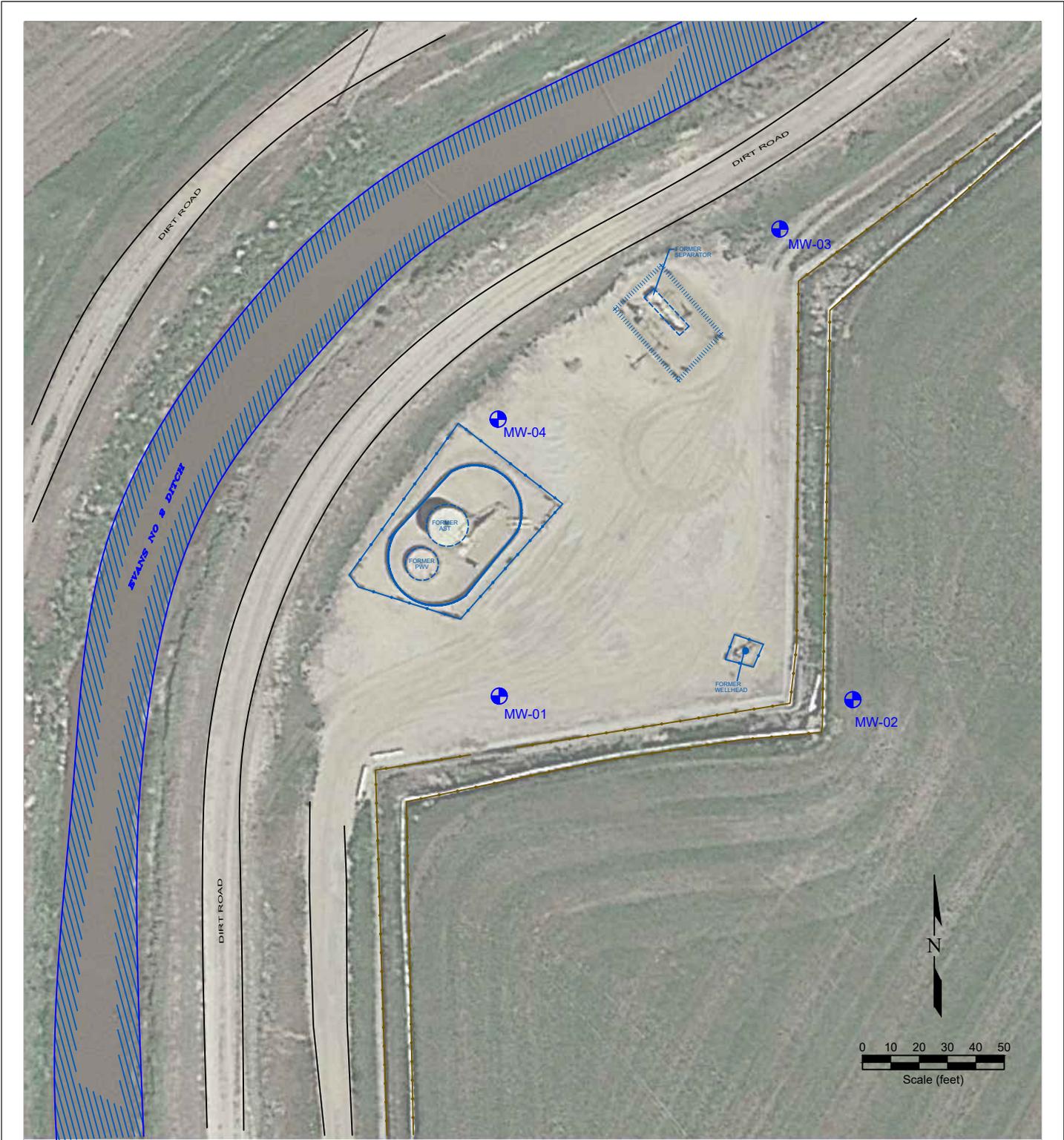
USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP

Civitas Resources ~ Oster 1 Tank Battery
SESE Sec. 28, T4N, R65W, 6th PM
Weld County, Colorado
40.279037°, -104.661762°

| | | |
|------------------------------|------------------------------|---------------------------|
| Project # C022-107 | Location ID 319336 | Drawn By TA |
| Date 3/27/24 | Reviewed By PH | Filename 22107T |





LEGEND

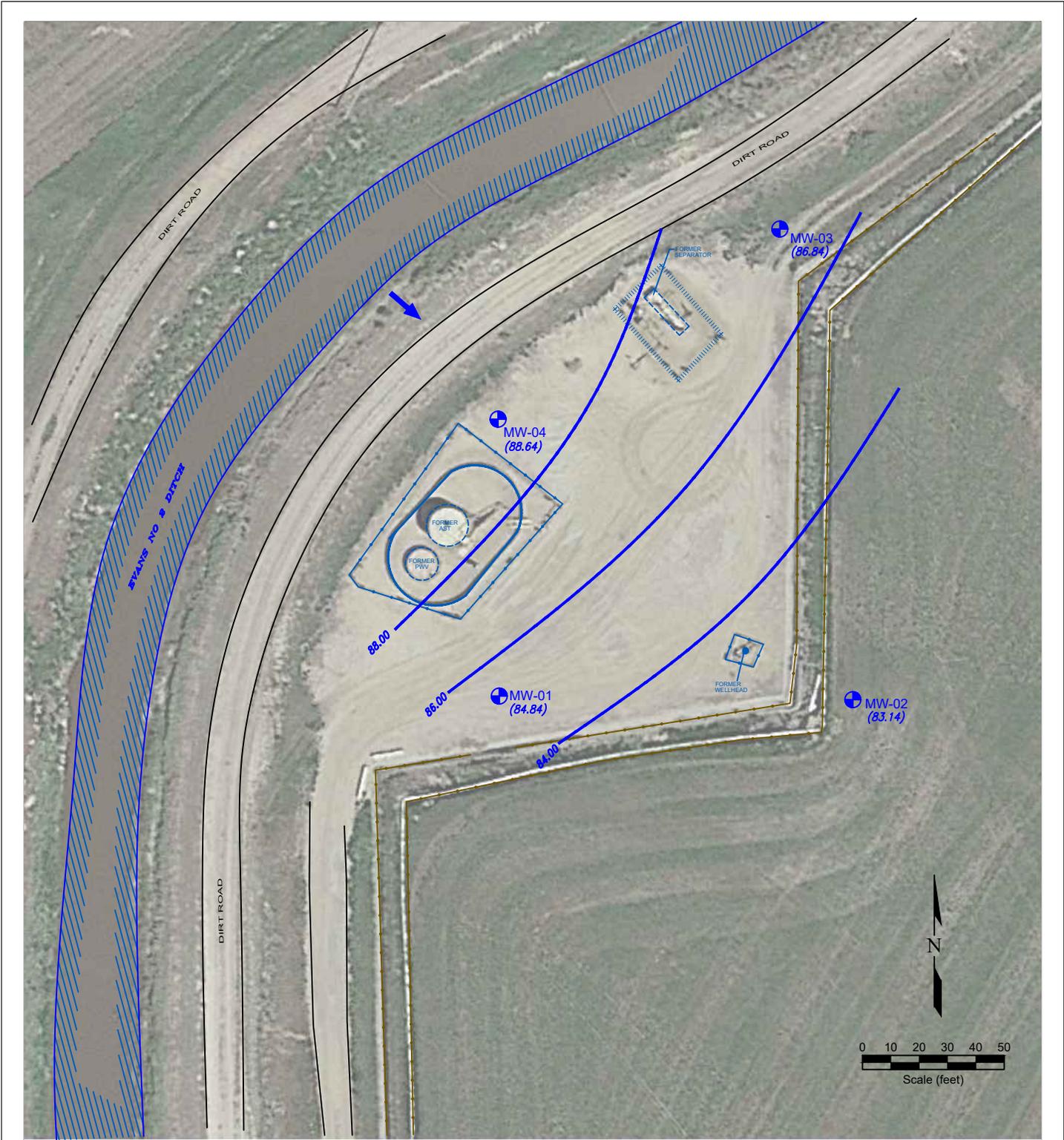
- WELL HEAD LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- ▤ CONTAINMENT BERM
- CONTAINMENT WALL
- FLOW LINE
- ⊕ MONITORING WELL

**Figure 2
SITE MAP**

Civitas Resources ~ Oster 1 Tank Battery
 SESE Sec. 28, T4N, R65W, 6th PM
 Weld County, Colorado
 40.279037°, -104.661762°

| | | |
|--------------------------------|------------------------------|---------------------------|
| Project No. C022-107 | Location ID 319336 | Drawn By TA |
| Date 3/27/24 | Reviewed By PH | Filename 22107Q |





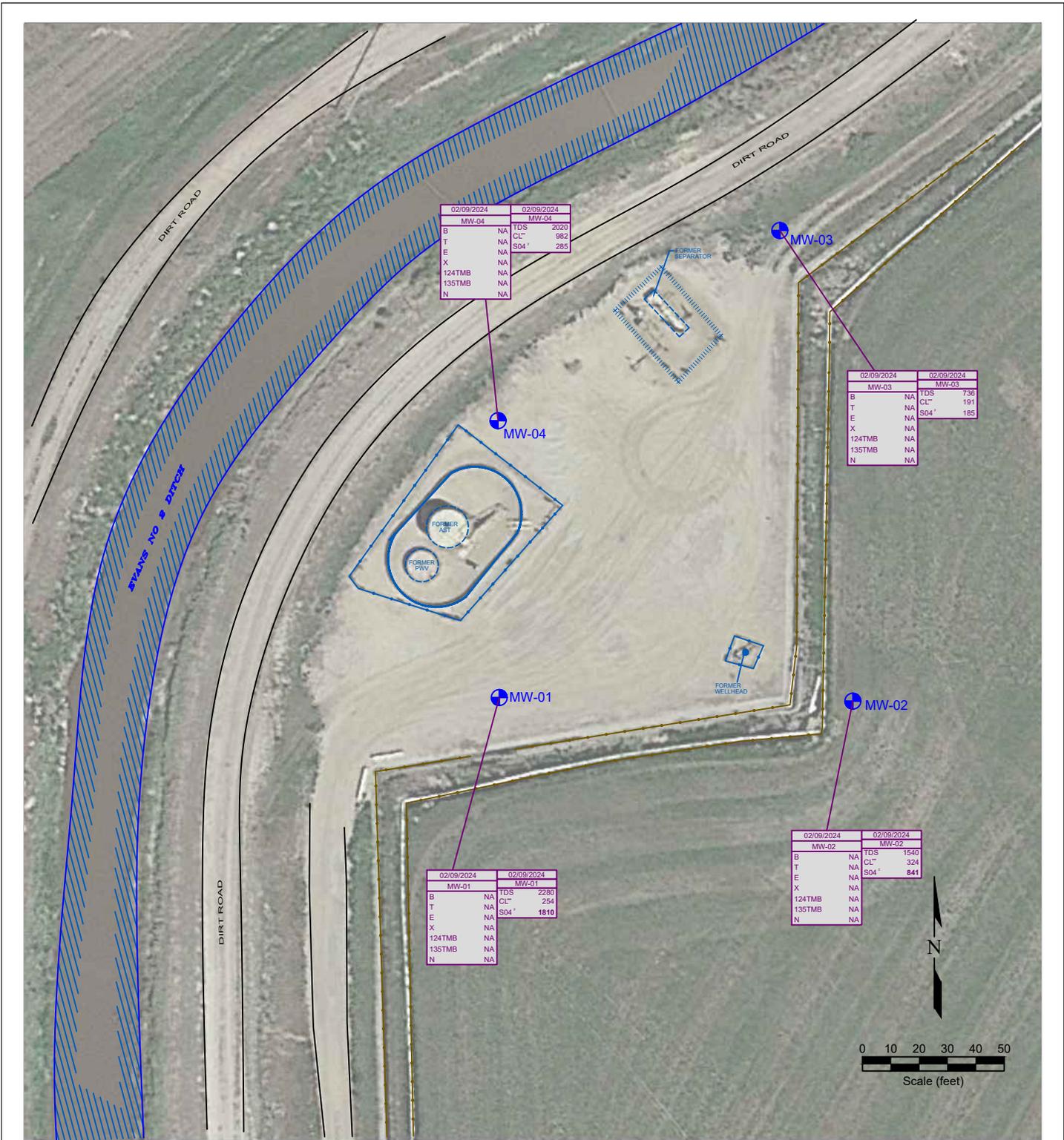
LEGEND

- WELL HEAD LOCATION
- ⊕ MONITORING WELL
- ABOVE GROUND STORAGE TANK
- ▭ FORMER FACILITY
- ▨ CONTAINMENT BERM
- ▩ CONTAINMENT WALL
- FLOW LINE
- (84.84) GROUND WATER ELEVATION (ft above arbitrary datum)
- 84.00 WATER TABLE CONTOUR
- ← GROUND WATER FLOW DIRECTION

Figure 3
GROUNDWATER CONTOUR MAP
February 9, 2024
Civitas Resources ~ Oster 1 Tank Battery
SESE Sec. 28, T4N, R65W, 6th PM
Weld County, Colorado
40.279037°, -104.661762°

| | | |
|--------------------------------|------------------------------|---------------------------|
| Project No. C022-107 | Location ID 319336 | Drawn By TA |
| Date 3/27/24 | Reviewed By PH | Filename 22107Q |





| 02/09/2024 | | 02/09/2024 | |
|------------|----|------------------|-----|
| MW-03 | | MW-03 | |
| B | NA | TDS | 736 |
| T | NA | CL ⁻ | 191 |
| E | NA | SO4 ⁻ | 185 |
| X | NA | | |
| 124TMB | NA | | |
| 135TMB | NA | | |
| N | NA | | |

| 02/09/2024 | | 02/09/2024 | |
|------------|----|------------------|------|
| MW-04 | | MW-04 | |
| B | NA | TDS | 2020 |
| T | NA | CL ⁻ | 982 |
| E | NA | SO4 ⁻ | 285 |
| X | NA | | |
| 124TMB | NA | | |
| 135TMB | NA | | |
| N | NA | | |

| 02/09/2024 | | 02/09/2024 | |
|------------|----|------------------|------|
| MW-01 | | MW-01 | |
| B | NA | TDS | 2280 |
| T | NA | CL ⁻ | 254 |
| E | NA | SO4 ⁻ | 1810 |
| X | NA | | |
| 124TMB | NA | | |
| 135TMB | NA | | |
| N | NA | | |

| 02/09/2024 | | 02/09/2024 | |
|------------|----|------------------|------|
| MW-02 | | MW-02 | |
| B | NA | TDS | 1540 |
| T | NA | CL ⁻ | 324 |
| E | NA | SO4 ⁻ | 841 |
| X | NA | | |
| 124TMB | NA | | |
| 135TMB | NA | | |
| N | NA | | |

LEGEND

- WELL HEAD LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- ▨ CONTAINMENT BERM
- ▬ CONTAINMENT WALL
- FLOW LINE
- MONITORING WELL

| 02/09/2024 | | DATE SAMPLED | |
|------------|----|-------------------------------|--|
| MW-01 | | MW-01 | |
| B | NA | BENZENE (ug/L) | |
| T | NA | TOLUENE (ug/L) | |
| E | NA | ETHYLBENZENE (ug/L) | |
| X | NA | TOTAL XYLENES (ug/L) | |
| 124TMB | NA | 1,2,4-TRIMETHYLBENZENE (ug/L) | |
| 135TMB | NA | 1,3,5-TRIMETHYLBENZENE (ug/L) | |
| N | NA | NAPHTHALENE (ug/L) | |

| 02/09/2024 | | DATE SAMPLED | |
|------------------|------|-------------------------------|--|
| MW-01 | | MW-01 | |
| TDS | 2020 | TOTAL DISSOLVED SOLIDS (mg/L) | |
| CL ⁻ | 198 | CHLORIDE ION (mg/L) | |
| SO4 ⁻ | 473 | SULFATE ION (mg/L) | |

NA NOT ANALYZED

Figure 4
GROUNDWATER CHEMISTRY MAP
February 9, 2024
Civitas Resources ~ Oster 1 Tank Battery
SESE Sec. 28, T4N, R65W, 6th PM
Weld County, Colorado
40.279037°, -104.661762°

| | | |
|--------------------------------|------------------------------|---------------------------|
| Project No. C022-107 | Location ID 319336 | Drawn By TA |
| Date 3/27/24 | Reviewed By PH | Filename 22107Q |



Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

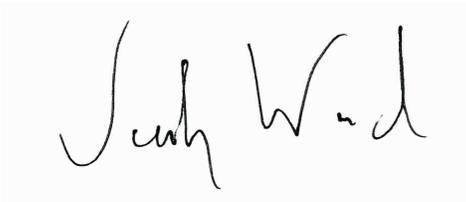
February 22, 2024

Paul Henchan
Fremont Environmental
PO Box 1289
Wellington, CO 80549

RE: Civitas - Oster 1 Tank Battery
Work Order #2402281

Enclosed are the results of analyses for samples received by Summit Scientific on 02/14/24 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Jacob Wood". The signature is written in a cursive style with a large initial "J" and a distinct "W".

Jacob Wood For Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Civitas - Oster 1 Tank Battery

Project Number: [none]
Project Manager: Paul Henchan

Reported:
02/22/24 08:57

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW-1 | 2402281-01 | Water | 02/09/24 00:00 | 02/14/24 16:30 |
| MW-2 | 2402281-02 | Water | 02/09/24 00:00 | 02/14/24 16:30 |
| MW-3 | 2402281-03 | Water | 02/09/24 00:00 | 02/14/24 16:30 |
| MW-4 | 2402281-04 | Water | 02/09/24 00:00 | 02/14/24 16:30 |
| BKG-SURF | 2402281-05 | Water | 02/09/24 00:00 | 02/14/24 16:30 |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SUMMIT SCIENTIFIC

4653 Table Mountain Drive
Golden, CO 80403
303-277-9310

| | |
|---------|-------------|
| Lab ID | Page 1 of 1 |
| 2402281 | |

| | | |
|----------------------------|-------------------------------|-------------------------|
| Send Data To: | | Send Invoice To: |
| Client: Fremont | Project Manager: Paul Henehan | Company: CIVITAS |
| Address: | E-Mail: | Project Name/Location: |
| City/State/Zip: | | AFE#: |
| Phone: | Project Name: Oster ITB | PO/Billing Codes: |
| Sampler Name: Aaron Ollier | Project Number: C022-107 | Contact: Jacob Evans |

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | | Analysis Requested | | | | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|----------------|--------------------|--------------|--|--|----------------------|
| | | | | | HCl | HNO3 | None | Other | Water | Soil | Air-Canister # | Other | | | | |
| 1 | MW-1 | 2/9/24 | | - | | | - | | X | | | X | TDS, Cl, SO4 | | | |
| 2 | MW-2 | | | | | | | | | | | | | | | |
| 3 | MW-3 | | | | | | | | | | | | | | | |
| 4 | MW-4 | | | | | | | | | | | | | | | |
| 5 | BKG-SURF | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | |

| | | | | | | |
|--------------------------------------|--------------------------|----------------------------------|-------------------------|-------------------|---------------|--------|
| Relinquished by: <i>Aaron Ollier</i> | Date/Time: 2/13/24 1750 | Received by: Summit North Office | Date/Time: 2/13/24 1750 | TAT Business Days | Field DO | Notes: |
| | | | | Same Day | Field EC | |
| Relinquished by: 52 | Date/Time: 2/14/24 1630 | Received by: <i>[Signature]</i> | Date/Time: 2/14/24 1630 | 1 Day | Field ORP | |
| | | | | 2 Days | Field pH | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | 3 Days | Field Temp. | |
| | | | | Standard | X Field Turb. | |
| Temperature Upon Receipt: 5.8 | Corrected Temperature: 6 | IR gun #: | | HNO3 lot #: | | |

S₂

Sample Receipt Checklist

S2 Work Order# 2402281

Client: Fremont Client Project ID: Oster 1 TB

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other Airbill #:

-

Matrix (Check all that apply) Air Soil/Solid Water Other

Temp (°C) Thermometer #

| | Yes | No | N/A | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------|
| If samples require cooling, is the temperature < 6°C? (1) NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | on ice |
| If custody seals are present, are they intact? (1) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are samples due within 48 hours present? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Is a chain-of-custody (COC) form present and filled out Completely? (1) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | no sample times |
| Is the COC properly relinquished by the client w/ date and time recorded? (1) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Were all samples received intact? (1) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided? (1) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received? (1) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC? (1) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are samples preserved that require preservation (excluding cooling)? (1) Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| If samples are acid preserved for metals, is the pH ≤ 2? (1) Record the pH in Comments. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| If dissolved metals are requested, were samples field filtered? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Additional Comments (if any): | | | | |
| | | | | |

(1) If NO, then contact the client before proceeding with analysis and note in case narrative.

AS
Custodian Printed Name
2/14/24
Date/Time



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Civitas - Oster 1 Tank Battery

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 02/22/24 08:57

MW-1
2402281-01 (Water)

Summit Scientific

Anions by EPA Method 300.0

Date Sampled: **02/09/24 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Chloride | 254 | 12.0 | mg/L | 200 | BHB0574 | 02/19/24 | 02/19/24 | EPA 300.0 | |
| Sulfate | 1810 | 60.0 | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **02/09/24 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|-------------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | Units | | | | | | |
| Total Dissolved Solids | 2280 | 10.0 | mg/L | 1 | BHB0519 | 02/15/24 | 02/15/24 | SM2540C | |

Summit Scientific



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Civitas - Oster 1 Tank Battery

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 02/22/24 08:57

MW-2
2402281-02 (Water)

Summit Scientific

Anions by EPA Method 300.0

Date Sampled: **02/09/24 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Chloride | 324 | 12.0 | | mg/L | 200 | BHB0574 | 02/19/24 | 02/19/24 | EPA 300.0 | |
| Sulfate | 841 | 60.0 | | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **02/09/24 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | | | | | | | | |
| Total Dissolved Solids | 1540 | 10.0 | | mg/L | 1 | BHB0519 | 02/15/24 | 02/15/24 | SM2540C | |

Summit Scientific



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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Civitas - Oster 1 Tank Battery

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 02/22/24 08:57

MW-3
2402281-03 (Water)

Summit Scientific

Anions by EPA Method 300.0

Date Sampled: **02/09/24 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Chloride | 191 | 12.0 | | mg/L | 200 | BHB0574 | 02/19/24 | 02/19/24 | EPA 300.0 | |
| Sulfate | 185 | 60.0 | | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **02/09/24 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | | | | | | | | |
| Total Dissolved Solids | 736 | 10.0 | | mg/L | 1 | BHB0519 | 02/15/24 | 02/15/24 | SM2540C | |

Summit Scientific



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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Civitas - Oster 1 Tank Battery

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 02/22/24 08:57

MW-4
2402281-04 (Water)

Summit Scientific

Anions by EPA Method 300.0

Date Sampled: **02/09/24 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|------------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Chloride | 982 | 12.0 | | mg/L | 200 | BHB0574 | 02/19/24 | 02/19/24 | EPA 300.0 | |
| Sulfate | 285 | 60.0 | | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **02/09/24 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|-------------|-----------|--|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | | | | | | | | |
| Total Dissolved Solids | 2020 | 10.0 | | mg/L | 1 | BHB0519 | 02/15/24 | 02/15/24 | SM2540C | |

Summit Scientific



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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Civitas - Oster 1 Tank Battery

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 02/22/24 08:57

BKG-SURF
2402281-05 (Water)

Summit Scientific

Anions by EPA Method 300.0

Date Sampled: **02/09/24 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|------------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Chloride | 226 | 12.0 | | mg/L | 200 | BHB0574 | 02/19/24 | 02/19/24 | EPA 300.0 | |
| Sulfate | 246 | 60.0 | | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **02/09/24 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|------------|-----------|--|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | | | | | | | | |
| Total Dissolved Solids | 807 | 10.0 | | mg/L | 1 | BHB0519 | 02/15/24 | 02/15/24 | SM2540C | |

Summit Scientific



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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Civitas - Oster 1 Tank Battery

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 02/22/24 08:57

Anions by EPA Method 300.0 - Quality Control

Summit Scientific

| Analyte | Result | Reporting | | Spike Level | Source | | %REC | | RPD | | Notes |
|---------|--------|-----------|-------|-------------|--------|------|--------|-----|-------|--|-------|
| | | Limit | Units | | Result | %REC | Limits | RPD | Limit | | |

Batch BHB0574 - General Preparation

Blank (BHB0574-BLK1)

Prepared & Analyzed: 02/19/24

| | | | | | | | | | | |
|----------|----|--------|------|--|--|--|--|--|--|--|
| Chloride | ND | 0.0600 | mg/L | | | | | | | |
| Sulfate | ND | 0.300 | " | | | | | | | |

LCS (BHB0574-BS1)

Prepared & Analyzed: 02/19/24

| | | | | | | | | | | |
|----------|------|--------|------|------|------|--------|--|--|--|--|
| Chloride | 3.04 | 0.0600 | mg/L | 3.00 | 101 | 90-110 | | | | |
| Sulfate | 14.7 | 0.300 | " | 15.0 | 97.7 | 90-110 | | | | |

Duplicate (BHB0574-DUP1)

Source: 2402281-01

Prepared & Analyzed: 02/19/24

| | | | | | | | | | | |
|----------|------|------|------|--|------|--|------|----|--|--|
| Chloride | 248 | 12.0 | mg/L | | 254 | | 2.23 | 20 | | |
| Sulfate | 1760 | 60.0 | " | | 1810 | | 2.76 | 20 | | |

Matrix Spike (BHB0574-MS1)

Source: 2402281-01

Prepared & Analyzed: 02/19/24

| | | | | | | | | | | |
|----------|------|------|------|------|------|------|--------|--|--|--|
| Chloride | 863 | 12.0 | mg/L | 600 | 254 | 101 | 80-120 | | | |
| Sulfate | 4780 | 60.0 | " | 3000 | 1810 | 99.0 | 80-120 | | | |

Matrix Spike (BHB0574-MS2)

Source: 2402299-06

Prepared & Analyzed: 02/19/24

| | | | | | | | | | | |
|----------|------|------|------|------|-----|------|--------|--|--|--|
| Chloride | 770 | 12.0 | mg/L | 600 | 149 | 104 | 80-120 | | | |
| Sulfate | 3290 | 60.0 | " | 3000 | 314 | 99.2 | 80-120 | | | |

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Civitas - Oster 1 Tank Battery

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 02/22/24 08:57

Total Dissolved Solids by SM2540C - Quality Control

Summit Scientific

| Analyte | Result | Reporting | | Spike Level | Source | | %REC | | RPD | | Notes |
|---------|--------|-----------|-------|-------------|--------|------|--------|-----|-------|--|-------|
| | | Limit | Units | | Result | %REC | Limits | RPD | Limit | | |

Batch BHB0519 - General Preparation

Blank (BHB0519-BLK1)

Prepared & Analyzed: 02/15/24

Total Dissolved Solids ND 10.0 mg/L

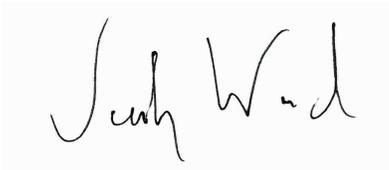
Duplicate (BHB0519-DUP1)

Source: 2402262-01

Prepared & Analyzed: 02/15/24

Total Dissolved Solids 1480 10.0 mg/L 1460 1.36 20

Summit Scientific



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Civitas - Oster 1 Tank Battery

Project Number: [none]
Project Manager: Paul Henchan

Reported:
02/22/24 08:57

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference