

# Summit Scientific

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4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

April 22, 2025

Paul Henchan

Fremont Environmental

PO Box 1289

Wellington, CO 80549

RE: Chevron - Branch 1-3 (Facility and Flowline)

Work Order #2502093

Enclosed are the results of analyses for samples received by Summit Scientific on 02/06/25 11:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Natalie Tessier". The signature is fluid and cursive, written in a professional style.

Natalie Tessier For Paul Shrewsbury

President



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Branch 1-3 (Facility and Flowline)

Project Number: C022-187  
Project Manager: Paul Henchan

**Reported:**  
04/22/25 14:43

### ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-----------|---------------|--------|----------------|----------------|
| MW-1      | 2502093-01    | Water  | 02/05/25 17:19 | 02/06/25 11:00 |
| MW-2      | 2502093-02    | Water  | 02/05/25 17:19 | 02/06/25 11:00 |
| MW-3      | 2502093-03    | Water  | 02/05/25 17:19 | 02/06/25 11:00 |
| MW-4      | 2502093-04    | Water  | 02/05/25 17:19 | 02/06/25 11:00 |
| MW-5      | 2502093-05    | Water  | 02/05/25 17:19 | 02/06/25 11:00 |

### Case Narrative

Method 300.0 was analyzed outside of the allotted holding time.

Summit Scientific

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# SUMMIT SCIENTIFIC

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

|         |             |
|---------|-------------|
| Lab ID  | Page 1 of 1 |
| 2502093 |             |

|                                   |  |   |  |                              |  |
|-----------------------------------|--|---|--|------------------------------|--|
| Client: Fremont                   |  | Project Manager: Paul Henehan                           |  | Company: <i>Chevron</i>      |  |
| Address:                          |  | E-Mail:   |  | Project Name/Location:       |  |
| City/State/Zip:                   |  |   |  | AFE#:                        |  |
| Phone:                            |  | Project Name: <i>Branch 1-3 Facility &amp; Flowline</i> |  | PO/Billing Codes:            |  |
| Sampler Name: <i>Aaron Ollier</i> |  | Project Number: <i>C022-066</i>                         |  | Contact: <i>Don Peterson</i> |  |

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative |      |      |       | Matrix |      |                | Analysis Requested |                  |  |  | Special Instructions |  |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|----------------|--------------------|------------------|--|--|----------------------|--|
|    |                    |              |              |                 | HCl          | HNO3 | None | Other | Water  | Soil | Air-Canister # | Other              | Full Table 915-1 |  |  |                      |  |
| 1  | MW-1               | 2/5/25       |              | 4               | 3            |      | -    |       | X      |      |                |                    | X                |  |  |                      |  |
| 2  | MW-2               |              |              |                 |              |      |      |       |        |      |                |                    |                  |  |  |                      |  |
| 3  | MW-3               |              |              |                 |              |      |      |       |        |      |                |                    |                  |  |  |                      |  |
| 4  | MW-4               |              |              |                 |              |      |      |       |        |      |                |                    |                  |  |  |                      |  |
| 5  | MW-5               |              |              |                 |              |      |      |       |        |      |                |                    |                  |  |  |                      |  |
| 6  |                    |              |              |                 |              |      |      |       |        |      |                |                    |                  |  |  |                      |  |
| 7  |                    |              |              |                 |              |      |      |       |        |      |                |                    |                  |  |  |                      |  |
| 8  |                    |              |              |                 |              |      |      |       |        |      |                |                    |                  |  |  |                      |  |
| 9  |                    |              |              |                 |              |      |      |       |        |      |                |                    |                  |  |  |                      |  |
| 10 |                    |              |              |                 |              |      |      |       |        |      |                |                    |                  |  |  |                      |  |
| 11 |                    |              |              |                 |              |      |      |       |        |      |                |                    |                  |  |  |                      |  |
| 12 |                    |              |              |                 |              |      |      |       |        |      |                |                    |                  |  |  |                      |  |
| 13 |                    |              |              |                 |              |      |      |       |        |      |                |                    |                  |  |  |                      |  |
| 14 |                    |              |              |                 |              |      |      |       |        |      |                |                    |                  |  |  |                      |  |
| 15 |                    |              |              |                 |              |      |      |       |        |      |                |                    |                  |  |  |                      |  |

|                                      |                          |   |                        |                   |               |        |
|--------------------------------------|--------------------------|---|------------------------|-------------------|---------------|--------|
| Relinquished by: <i>Aaron Ollier</i> | Date/Time: 2/5/25 1719   | Received by: <i>Summit North Office</i> | Date/Time: 2/5/25 1719 | TAT Business Days | Field DO      | Notes: |
| Relinquished by: <i>SL</i>           | Date/Time: 2/5/25 1100   | Received by: <i>[Signature]</i>         | Date/Time: 2/5/25 1100 | Same Day          | Field EC      |        |
|                                      |                          |   |                        | 1 Day             | Field ORP     |        |
|                                      |                          |   |                        | 2 Days            | Field pH      |        |
|                                      |                          |   |                        | 3 Days            | Field Temp.   |        |
| Relinquished by:                     | Date/Time:               | Received by:                            | Date/Time:             | Standard          | X Field Turb. |        |
| Temperature Upon Receipt: 4.9        | Corrected Temperature: 8 | IR gun #: 1                             | HNO3 lot #:            |                   |               |        |

S<sub>2</sub>

S2 Work Order# 2502093

Sample Receipt Checklist

Client: Frament Client Project ID: Branch 1-3 Facility/Flowm

Received Via: H.D./R.U./FedEx/UPS/USPS/Other  Airbill #: \_\_\_\_\_

Matrix (Circle all that apply) Air/Soil/Water/Other  Temp (°C) 4.9 Thermometer # 1

Bottle ware (Circle all that apply) Glass Jar/Voa/Amber/Poly/Other

|  | Yes | No | N/A | Comments (if any) |
|--|-----|----|-----|-------------------|
| If samples require cooling, is the temperature < 6°C? <sup>(1)</sup><br><b>NOTE:</b> If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.                                     | -   |    |     | on ICE            |
| If custody seals are present, are they intact? <sup>(1)</sup>  | -   |    |     |                   |
| Are samples due within 48 hours?   |     | -  |     |                   |
| Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe <sup>2+</sup> ), Hexavalent Chromium (Cr <sup>6+</sup> , Cr VI), COD, Total Residual Chlorine (TRC) |     | -  |     |                   |
| Is a chain-of-custody (COC) form present and filled out Completely? <sup>(1)</sup>   |     | -  |     |                   |
| Is the COC properly relinquished by the client w/ date and time recorded? <sup>(1)</sup>   |     | -  |     | No TIMSS          |
| Were all samples received intact? <sup>(1)</sup>   | ✓   |    |     |                   |
| Was adequate sample volume provided? <sup>(1)</sup>  | ✓   |    |     |                   |
| Were samples provided in appropriate bottle ware?  | ✓   |    |     |                   |
| Does the COC agree with the number and type of sample bottles received? <sup>(1)</sup>   | ✓   |    |     |                   |
| Do the sample IDs on the bottle labels match the COC? <sup>(1)</sup>   | ✓   |    |     |                   |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative.   |     | ✓  |     |                   |
| Are any samples/bottles preserved (excluding cooling)? <sup>(1)</sup><br>Note the type of preservative in the comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , etc.  | ✓   |    |     | HCl               |
| If samples are acid preserved for metals, is the pH ≤ 2? <sup>(1)</sup><br>Record the pH in Comments.  |     |    | ✓   |                   |
| If dissolved metals are requested, were samples field filtered?  |     |    | ✓   |                   |
| Are there requested analysis that cannot be performed by S2? Note analysis in the comments column  |     | ✓  |     |                   |
| Additional Comments (if any):  |     |    |     |                   |
|  |     |    |     |                   |
|  |     |    |     |                   |
| <sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.  |     |    |     |                   |

Control Form #: SRC-001

AS  
Custodian Printed Name

2/6/25  
Date/Time



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Branch 1-3 (Facility and Flowline)

Project Number: C022-187  
Project Manager: Paul Henchan

**Reported:**  
04/22/25 14:43

**MW-1**  
**2502093-01 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **02/05/25 17:19**

| Analyte                | Result | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|------------------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
|                        |        | Limit     |  |       |          |         |          |          |           |       |
| Benzene                | ND     | 1.0       |  | ug/l  | 1        | BIB0804 | 02/14/25 | 02/17/25 | EPA 8260B |       |
| Toluene                | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene           | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)        | ND     | 2.0       |  | "     | "        | "       | "        | "        | "         |       |
| Naphthalene            | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **02/05/25 17:19**

| Analyte                          | Result | Reporting |  | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |  |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 12.4   | 93.4 %    |  | 23-173 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 13.7   | 102 %     |  | 20-170 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 13.5   | 101 %     |  | 21-167 |          | "     | "        | "        | "      |       |

**Anions by EPA Method 300.0**

Date Sampled: **02/05/25 17:19**

| Analyte  | Result      | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------|-------------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
|          |             | Limit     |  |       |          |         |          |          |           |       |
| Chloride | <b>1580</b> | 0.0600    |  | mg/L  | 50       | BIB0335 | 02/07/25 | 03/06/25 | EPA 300.0 | I-02  |
| Sulfate  | <b>1960</b> | 0.300     |  | "     | "        | "       | "        | "        | "         | I-02  |

**Total Dissolved Solids by SM2540C**

Date Sampled: **02/05/25 17:19**

| Analyte                       | Result      | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method  | Notes |
|-------------------------------|-------------|-----------|--|-------|----------|---------|----------|----------|---------|-------|
|                               |             | Limit     |  |       |          |         |          |          |         |       |
| <b>Total Dissolved Solids</b> | <b>6870</b> | 10.0      |  | mg/L  | 1        | BIB0339 | 02/07/25 | 02/13/25 | SM2540C |       |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Branch 1-3 (Facility and Flowline)

Project Number: C022-187  
Project Manager: Paul Henchan

**Reported:**  
04/22/25 14:43

**MW-2**  
**2502093-02 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **02/05/25 17:19**

| Analyte                | Result | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|------------------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
|                        |        | Limit     |  |       |          |         |          |          |           |       |
| Benzene                | ND     | 1.0       |  | ug/l  | 1        | BIB0804 | 02/14/25 | 02/17/25 | EPA 8260B |       |
| Toluene                | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene           | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)        | ND     | 2.0       |  | "     | "        | "       | "        | "        | "         |       |
| Naphthalene            | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **02/05/25 17:19**

| Analyte                          | Result | Reporting |  | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |  |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 12.1   | 90.6 %    |  | 23-173 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 13.6   | 102 %     |  | 20-170 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 13.5   | 101 %     |  | 21-167 |          | "     | "        | "        | "      |       |

**Anions by EPA Method 300.0**

Date Sampled: **02/05/25 17:19**

| Analyte  | Result      | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------|-------------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
|          |             | Limit     |  |       |          |         |          |          |           |       |
| Chloride | <b>1310</b> | 0.0600    |  | mg/L  | 50       | BIB0335 | 02/07/25 | 03/06/25 | EPA 300.0 | I-02  |
| Sulfate  | <b>2290</b> | 0.300     |  | "     | "        | "       | "        | "        | "         | I-02  |

**Total Dissolved Solids by SM2540C**

Date Sampled: **02/05/25 17:19**

| Analyte                       | Result      | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method  | Notes |
|-------------------------------|-------------|-----------|--|-------|----------|---------|----------|----------|---------|-------|
|                               |             | Limit     |  |       |          |         |          |          |         |       |
| <b>Total Dissolved Solids</b> | <b>7210</b> | 10.0      |  | mg/L  | 1        | BIB0339 | 02/07/25 | 02/13/25 | SM2540C |       |

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PO Box 1289  
Wellington CO, 80549

Project: Chevron - Branch 1-3 (Facility and Flowline)

Project Number: C022-187  
Project Manager: Paul Henchan

**Reported:**  
04/22/25 14:43

**MW-3**  
**2502093-03 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **02/05/25 17:19**

| Analyte                | Result | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|------------------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
|                        |        | Limit     |  |       |          |         |          |          |           |       |
| Benzene                | ND     | 1.0       |  | ug/l  | 1        | BIB0804 | 02/14/25 | 02/17/25 | EPA 8260B |       |
| Toluene                | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene           | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)        | ND     | 2.0       |  | "     | "        | "       | "        | "        | "         |       |
| Naphthalene            | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **02/05/25 17:19**

| Analyte                          | Result | Reporting |  | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |  |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 13.1   | 98.4 %    |  | 23-173 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 14.0   | 105 %     |  | 20-170 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 14.2   | 107 %     |  | 21-167 |          | "     | "        | "        | "      |       |

**Anions by EPA Method 300.0**

Date Sampled: **02/05/25 17:19**

| Analyte  | Result | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
|          |        | Limit     |  |       |          |         |          |          |           |       |
| Chloride | 1490   | 0.0600    |  | mg/L  | 50       | BIB0335 | 02/07/25 | 03/06/25 | EPA 300.0 | I-02  |
| Sulfate  | 2620   | 0.300     |  | "     | "        | "       | "        | "        | "         | I-02  |

**Total Dissolved Solids by SM2540C**

Date Sampled: **02/05/25 17:19**

| Analyte                | Result | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method  | Notes |
|------------------------|--------|-----------|--|-------|----------|---------|----------|----------|---------|-------|
|                        |        | Limit     |  |       |          |         |          |          |         |       |
| Total Dissolved Solids | 7600   | 10.0      |  | mg/L  | 1        | BIB0339 | 02/07/25 | 02/13/25 | SM2540C |       |

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Project: Chevron - Branch 1-3 (Facility and Flowline)

Project Number: C022-187  
Project Manager: Paul Henchan

**Reported:**  
04/22/25 14:43

**MW-4**  
**2502093-04 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **02/05/25 17:19**

| Analyte                | Result | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|------------------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
|                        |        | Limit     |  |       |          |         |          |          |           |       |
| Benzene                | ND     | 1.0       |  | ug/l  | 1        | BIB0804 | 02/14/25 | 02/17/25 | EPA 8260B |       |
| Toluene                | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene           | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)        | ND     | 2.0       |  | "     | "        | "       | "        | "        | "         |       |
| Naphthalene            | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **02/05/25 17:19**

| Analyte                          | Result | Reporting |  | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |  |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 12.7   | 95.0 %    |  | 23-173 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 13.7   | 103 %     |  | 20-170 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 13.6   | 102 %     |  | 21-167 |          | "     | "        | "        | "      |       |

**Anions by EPA Method 300.0**

Date Sampled: **02/05/25 17:19**

| Analyte  | Result | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
|          |        | Limit     |  |       |          |         |          |          |           |       |
| Chloride | 1550   | 0.0600    |  | mg/L  | 50       | BIB0335 | 02/07/25 | 03/06/25 | EPA 300.0 | I-02  |
| Sulfate  | 2060   | 0.300     |  | "     | "        | "       | "        | "        | "         | I-02  |

**Total Dissolved Solids by SM2540C**

Date Sampled: **02/05/25 17:19**

| Analyte                | Result | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method  | Notes |
|------------------------|--------|-----------|--|-------|----------|---------|----------|----------|---------|-------|
|                        |        | Limit     |  |       |          |         |          |          |         |       |
| Total Dissolved Solids | 7490   | 10.0      |  | mg/L  | 1        | BIB0339 | 02/07/25 | 02/13/25 | SM2540C |       |

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PO Box 1289  
Wellington CO, 80549

Project: Chevron - Branch 1-3 (Facility and Flowline)

Project Number: C022-187  
Project Manager: Paul Henchan

**Reported:**  
04/22/25 14:43

**MW-5**  
**2502093-05 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **02/05/25 17:19**

| Analyte                | Result | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|------------------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
|                        |        | Limit     |  |       |          |         |          |          |           |       |
| Benzene                | ND     | 1.0       |  | ug/l  | 1        | BIB0804 | 02/14/25 | 02/18/25 | EPA 8260B |       |
| Toluene                | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene           | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)        | ND     | 2.0       |  | "     | "        | "       | "        | "        | "         |       |
| Naphthalene            | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene | ND     | 1.0       |  | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **02/05/25 17:19**

| Analyte                          | Result | Reporting |  | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |  |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 12.9   | 96.7 %    |  | 23-173 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 13.5   | 101 %     |  | 20-170 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 13.5   | 101 %     |  | 21-167 |          | "     | "        | "        | "      |       |

**Anions by EPA Method 300.0**

Date Sampled: **02/05/25 17:19**

| Analyte  | Result | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
|          |        | Limit     |  |       |          |         |          |          |           |       |
| Chloride | 1440   | 0.0600    |  | mg/L  | 50       | BIB0335 | 02/07/25 | 03/06/25 | EPA 300.0 | I-02  |
| Sulfate  | 1910   | 0.300     |  | "     | "        | "       | "        | "        | "         | I-02  |

**Total Dissolved Solids by SM2540C**

Date Sampled: **02/05/25 17:19**

| Analyte                | Result | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method  | Notes |
|------------------------|--------|-----------|--|-------|----------|---------|----------|----------|---------|-------|
|                        |        | Limit     |  |       |          |         |          |          |         |       |
| Total Dissolved Solids | 6620   | 10.0      |  | mg/L  | 1        | BIB0339 | 02/07/25 | 02/13/25 | SM2540C |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Branch 1-3 (Facility and Flowline)

Project Number: C022-187  
Project Manager: Paul Henchan

**Reported:**  
04/22/25 14:43

### Volatile Organic Compounds by EPA Method 8260B - Quality Control

#### Summit Scientific

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

#### Batch BIB0804 - EPA 5030 Water MS

##### Blank (BIB0804-BLK1)

Prepared: 02/14/25 Analyzed: 02/17/25

|                                  |      |     |      |      |  |      |        |  |  |  |
|----------------------------------|------|-----|------|------|--|------|--------|--|--|--|
| Benzene                          | ND   | 1.0 | ug/l |      |  |      |        |  |  |  |
| Toluene                          | ND   | 1.0 | "    |      |  |      |        |  |  |  |
| Ethylbenzene                     | ND   | 1.0 | "    |      |  |      |        |  |  |  |
| Xylenes (total)                  | ND   | 2.0 | "    |      |  |      |        |  |  |  |
| Naphthalene                      | ND   | 1.0 | "    |      |  |      |        |  |  |  |
| 1,2,4-Trimethylbenzene           | ND   | 1.0 | "    |      |  |      |        |  |  |  |
| 1,3,5-Trimethylbenzene           | ND   | 1.0 | "    |      |  |      |        |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 12.5 |     | "    | 13.3 |  | 93.5 | 23-173 |  |  |  |
| Surrogate: Toluene-d8            | 13.6 |     | "    | 13.3 |  | 102  | 20-170 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 13.4 |     | "    | 13.3 |  | 101  | 21-167 |  |  |  |

##### LCS (BIB0804-BS1)

Prepared: 02/14/25 Analyzed: 02/17/25

|                                  |      |     |      |      |  |      |        |  |  |  |
|----------------------------------|------|-----|------|------|--|------|--------|--|--|--|
| Benzene                          | 34.7 | 1.0 | ug/l | 33.3 |  | 104  | 51-132 |  |  |  |
| Toluene                          | 34.6 | 1.0 | "    | 33.3 |  | 104  | 51-138 |  |  |  |
| Ethylbenzene                     | 30.4 | 1.0 | "    | 33.3 |  | 91.1 | 58-146 |  |  |  |
| m,p-Xylene                       | 61.9 | 2.0 | "    | 66.7 |  | 92.8 | 57-144 |  |  |  |
| o-Xylene                         | 30.3 | 1.0 | "    | 33.3 |  | 91.0 | 53-146 |  |  |  |
| Naphthalene                      | 29.3 | 1.0 | "    | 33.3 |  | 88.0 | 70-130 |  |  |  |
| 1,2,4-Trimethylbenzene           | 30.0 | 1.0 | "    | 33.3 |  | 90.2 | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 29.4 | 1.0 | "    | 33.3 |  | 88.2 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 12.2 |     | "    | 13.3 |  | 91.5 | 23-173 |  |  |  |
| Surrogate: Toluene-d8            | 13.7 |     | "    | 13.3 |  | 103  | 20-170 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 13.6 |     | "    | 13.3 |  | 102  | 21-167 |  |  |  |

##### LCS Dup (BIB0804-BSD1)

Prepared: 02/14/25 Analyzed: 02/17/25

|                                  |      |     |      |      |  |      |        |       |    |  |
|----------------------------------|------|-----|------|------|--|------|--------|-------|----|--|
| Benzene                          | 35.7 | 1.0 | ug/l | 33.3 |  | 107  | 51-132 | 2.98  | 20 |  |
| Toluene                          | 36.0 | 1.0 | "    | 33.3 |  | 108  | 51-138 | 3.80  | 20 |  |
| Ethylbenzene                     | 31.0 | 1.0 | "    | 33.3 |  | 93.0 | 58-146 | 2.09  | 20 |  |
| m,p-Xylene                       | 62.3 | 2.0 | "    | 66.7 |  | 93.4 | 57-144 | 0.628 | 20 |  |
| o-Xylene                         | 31.0 | 1.0 | "    | 33.3 |  | 93.0 | 53-146 | 2.12  | 20 |  |
| Naphthalene                      | 31.1 | 1.0 | "    | 33.3 |  | 93.2 | 70-130 | 5.83  | 20 |  |
| 1,2,4-Trimethylbenzene           | 30.5 | 1.0 | "    | 33.3 |  | 91.4 | 70-130 | 1.39  | 20 |  |
| 1,3,5-Trimethylbenzene           | 30.3 | 1.0 | "    | 33.3 |  | 90.8 | 70-130 | 2.95  | 20 |  |
| Surrogate: 1,2-Dichloroethane-d4 | 12.2 |     | "    | 13.3 |  | 91.9 | 23-173 |       |    |  |
| Surrogate: Toluene-d8            | 13.9 |     | "    | 13.3 |  | 105  | 20-170 |       |    |  |
| Surrogate: 4-Bromofluorobenzene  | 13.3 |     | "    | 13.3 |  | 100  | 21-167 |       |    |  |

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Fremont Environmental  
 PO Box 1289  
 Wellington CO, 80549

Project: Chevron - Branch 1-3 (Facility and Flowline)

Project Number: C022-187  
 Project Manager: Paul Henchan

**Reported:**  
 04/22/25 14:43

**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 BIB0335 - General Preparation**

**Blank (BIB0335-BLK1)**

Prepared: 02/07/25 Analyzed: 03/06/25

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

**LCS (BIB0335-BS1)**

Prepared: 02/07/25 Analyzed: 03/06/25

|          |      |        |      |      |      |        |  |  |
|----------|------|--------|------|------|------|--------|--|--|
| Chloride | 2.89 | 0.0600 | mg/L | 3.00 | 96.5 | 90-110 |  |  |
| Sulfate  | 14.7 | 0.300  | "    | 15.0 | 98.2 | 90-110 |  |  |

**Duplicate (BIB0335-DUP1)**

Source: 2502093-01

Prepared: 02/07/25 Analyzed: 03/06/25

|          |      |        |      |      |  |  |       |    |
|----------|------|--------|------|------|--|--|-------|----|
| Chloride | 1560 | 0.0600 | mg/L | 1580 |  |  | 1.04  | 20 |
| Sulfate  | 1950 | 0.300  | "    | 1960 |  |  | 0.902 | 20 |

**Matrix Spike (BIB0335-MS1)**

Source: 2502093-01

Prepared: 02/07/25 Analyzed: 03/06/25

|          |      |        |      |     |      |      |        |  |
|----------|------|--------|------|-----|------|------|--------|--|
| Chloride | 1700 | 0.0600 | mg/L | 150 | 1580 | 81.1 | 80-120 |  |
| Sulfate  | 2660 | 0.300  | "    | 750 | 1960 | 92.7 | 80-120 |  |

Summit Scientific

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 Wellington CO, 80549

Project: Chevron - Branch 1-3 (Facility and Flowline)

Project Number: C022-187  
 Project Manager: Paul Henchan

**Reported:**  
 04/22/25 14:43

**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 BIB0339 - General Preparation**

**Blank (BIB0339-BLK1)**

Prepared: 02/07/25 Analyzed: 02/13/25

Total Dissolved Solids      ND      10.0      mg/L

**Duplicate (BIB0339-DUP1)**

Source: 2502093-01

Prepared: 02/07/25 Analyzed: 02/13/25

Total Dissolved Solids      6890      10.0      mg/L      6870      0.291      20

Summit Scientific

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Wellington CO, 80549

Project: Chevron - Branch 1-3 (Facility and Flowline)

Project Number: C022-187  
Project Manager: Paul Henchan

**Reported:**  
04/22/25 14:43

### Notes and Definitions

I-02 Sample was prepared and/or analyzed outside of holding time.

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