

# Summit Scientific

---

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 05, 2024

Justin Onwiler

ERM

555 17th St

Denver, CO 80202

RE: Chevron Sampling

Work Order #2408377

Enclosed are the results of analyses for samples received by Summit Scientific on 08/29/24 16:07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue 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



ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling  
Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**ANALYTICAL REPORT FOR SAMPLES**

| Sample ID                | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|--------------------------|---------------|--------|----------------|----------------|
| 24380-BG-01-5-20240829   | 2408377-01    | Soil   | 08/29/24 08:50 | 08/29/24 16:07 |
| 24380-BG-02-5-20240829   | 2408377-02    | Soil   | 08/29/24 09:10 | 08/29/24 16:07 |
| 24380-BG-03-5-20240829   | 2408377-03    | Soil   | 08/29/24 09:30 | 08/29/24 16:07 |
| 24380-BG-04-5-20240829   | 2408377-04    | Soil   | 08/29/24 09:55 | 08/29/24 16:07 |
| 24380-BG-05-5-20240829   | 2408377-05    | Soil   | 08/29/24 10:48 | 08/29/24 16:07 |
| 24380-BG-06-5-20240829   | 2408377-06    | Soil   | 08/29/24 10:35 | 08/29/24 16:07 |
| 24380-BG-07-5-20240829   | 2408377-07    | Soil   | 08/29/24 10:20 | 08/29/24 16:07 |
| 24380-WH-01-E-4-20240829 | 2408377-08    | Soil   | 08/29/24 00:00 | 08/29/24 16:07 |
| 24380-WH-01-E-6-20240829 | 2408377-09    | Soil   | 08/29/24 00:00 | 08/29/24 16:07 |
| 24380-WH-01-E-8-20240829 | 2408377-10    | Soil   | 08/29/24 00:00 | 08/29/24 16:07 |
| 24380-WH-01-N-4-20240829 | 2408377-11    | Soil   | 08/29/24 00:00 | 08/29/24 16:07 |
| 24380-WH-01-N-6-20240829 | 2408377-12    | Soil   | 08/29/24 00:00 | 08/29/24 16:07 |
| 24380-WH-01-N-8-20240829 | 2408377-13    | Soil   | 08/29/24 00:00 | 08/29/24 16:07 |
| 24380-WH-01-S-4-20240829 | 2408377-14    | Soil   | 08/29/24 00:00 | 08/29/24 16:07 |
| 24380-WH-01-S-6-20240829 | 2408377-15    | Soil   | 08/29/24 00:00 | 08/29/24 16:07 |
| 24380-WH-01-S-8-20240829 | 2408377-16    | Soil   | 08/29/24 00:00 | 08/29/24 16:07 |
| 24380-WH-01-W-4-20240829 | 2408377-17    | Soil   | 08/29/24 00:00 | 08/29/24 16:07 |
| 24380-WH-01-W-6-20240829 | 2408377-18    | Soil   | 08/29/24 00:00 | 08/29/24 16:07 |
| 24380-WH-01-W-8-20240829 | 2408377-19    | Soil   | 08/29/24 00:00 | 08/29/24 16:07 |

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  
**2408377.1**  
Page 1 of 2

|   |  |                        |
|---|--|------------------------|
| Client: <b>ERM</b>                                    | Project Manager: <b>Justin Onwiler</b> | Company:               |
| Address: <b>555 17th St #1700</b>                     | E-Mail: <b>Justin.Onwiler@ERM.com</b>  | Project Name/Location: |
| City/State/Zip: <b>Denver, CO, 80202</b>              | Project Name: <b>Chevron Sampling</b>  | AFE#:                  |
| Phone: <b>303-741-5650</b>                            | Project Number: <b>0736294</b>         | PO/Billing Codes:      |
| Sampler Name: <b>Andrew Minahan &amp; Cody Kaniss</b> | Contact:                               |                        |

| ID | Sample Description                | Date Sampled       | Time Sampled     | # of containers | Preservative |      |              |       | Matrix |      | Analysis Requested |              |              | Special Instructions |               |
|----|-----------------------------------|--------------------|------------------|-----------------|--------------|------|--------------|-------|--------|------|--------------------|--------------|--------------|----------------------|---------------|
|    |                                   |                    |                  |                 | HCl          | HNO3 | None         | Other | Water  | Soil | Air-Canister #     | Other        | EC           |                      | EC            |
| 1  | 24380-BG-01-5-20240829            | 8/29/24            | 08:50            | 1               |              |      | X            |       |        |      |                    | ✓            | ✓            | ✓                    |               |
| 2  | 24380-BG-02-5-20240829            | 8/29/24            | 09:10            | 1               |              |      | X            |       |        |      |                    | ✓            | ✓            | ✓                    |               |
| 3  | 24380-BG-03-5-20240829            | 8/29/24            | 09:30            | 1               |              |      | X            |       |        |      |                    | ✓            | ✓            | ✓                    |               |
| 4  | 24380-BG-04-5-20240829            | 8/29/24            | 09:55            | 1               |              |      | X            |       |        |      |                    | ✓            | ✓            | ✓                    |               |
| 5  | <del>24380-BG-04-5-20240829</del> | <del>8/29/24</del> | <del>09:55</del> | <del>1</del>    |              |      | <del>X</del> |       |        |      |                    | <del>✓</del> | <del>✓</del> | <del>✓</del>         | <del>CR</del> |
| 6  | 24380-BG-05-5-20240829            | 8/29/24            | 10:48            | 1               |              |      | X            |       |        |      |                    | ✓            | ✓            | ✓                    |               |
| 7  | 24380-BG-06-5-20240829            | 8/29/24            | 10:35            | 1               |              |      | X            |       |        |      |                    | ✓            | ✓            | ✓                    |               |
| 8  | 24380-BG-07-5-20240829            | 8/29/24            | 10:20            | 1               |              |      | X            |       |        |      |                    | ✓            | ✓            | ✓                    |               |
| 9  | 24380-WH-01-E-4-20240829          | 8/29/24            |                  | 1               |              |      | X            |       |        |      |                    | ✓            | ✓            | ✓                    |               |
| 10 | 24380-WH-01-E-6-20240829          | 8/29/24            |                  | 1               |              |      | X            |       |        |      |                    | ✓            | ✓            | ✓                    |               |
| 11 | 24380-WH-01-E-8-20240829          | 8/29/24            |                  | 1               |              |      | X            |       |        |      |                    | ✓            | ✓            | ✓                    |               |
| 12 | 24380-WH-01-N-4-20240829          | 8/29/24            |                  | 1               |              |      | X            |       |        |      |                    | ✓            | ✓            | ✓                    |               |
| 13 | 24380-WH-01-N-6-20240829          | 8/29/24            |                  | 1               |              |      | X            |       |        |      |                    | ✓            | ✓            | ✓                    |               |
| 14 | 24380-WH-01-N-8-20240829          | 8/29/24            |                  | 1               |              |      | X            |       |        |      |                    | ✓            | ✓            | ✓                    |               |
| 15 | 24380-WH-01-S-4-20240829          | 8/29/24            |                  | 1               |              |      | X            |       |        |      |                    | ✓            | ✓            | ✓                    |               |

|  |                                 |                                 |                                 |                   |   |        |
|--|---------------------------------|---------------------------------|---------------------------------|-------------------|---|--------|
| Relinquished by: <b>NATHAN CHAMBERLAIN</b> | Date/Time: <b>8/29/24 16:00</b> | Received by: <b>[Signature]</b> | Date/Time: <b>8/29/24 16:07</b> | TAT Business Days | Field DO  | Notes: |
| Relinquished by:                           | Date/Time:                      | Received by:                    | Date/Time:                      | Same Day          | Field EC  |        |
| Relinquished by:                           | Date/Time:                      | Received by:                    | Date/Time:                      | 1 Day             | Field ORP                                       |        |
| Relinquished by:                           | Date/Time:                      | Received by:                    | Date/Time:                      | 2 Days            | Field pH  |        |
| Relinquished by:                           | Date/Time:                      | Received by:                    | Date/Time:                      | 3 Days            | Field Temp.                                     |        |
| Temperature Upon Receipt: <b>38</b>        | Corrected Temperature           | IR gun #: <b>2</b>              | HNO3 lot #:                     | Standard          | <input checked="" type="checkbox"/> Field Turb. |        |

# SUMMIT SCIENTIFIC

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

|           |             |
|-----------|-------------|
| Lab ID    | Page 2 of 2 |
| 2408377.2 |             |

|                 |                  |                        |                         |
|-----------------|------------------|------------------------|-------------------------|
|                 |                  | <b>Send Data To:</b>   | <b>Send Invoice To:</b> |
| Client:         | Project Manager: | Company:               |                         |
| Address:        | E-Mail:          | Project Name/Location: |                         |
| City/State/Zip: |                  | AFE#:                  |                         |
| Phone:          | Project Name:    | PO/Billing Codes:      |                         |
| Sampler Name:   | Project Number:  | Contact:               |                         |

| 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  | 24320-WH-01-S-6-20240829 | 8/29/24      |              | 1               |              |      | X    |       |        |      |                |                    |  |  |  |                      |  |  |
| 2  | 24320-WH-01-S-8-20240829 | 8/29/24      |              | 1               |              |      | X    |       |        |      |                |                    |  |  |  |                      |  |  |
| 3  | 24320-WH-01-W-4-20240829 | 8/29/24      |              | 1               |              |      | X    |       |        |      |                |                    |  |  |  |                      |  |  |
| 4  | 24320-WH-01-W-6-20240829 | 8/29/24      |              | 1               |              |      | X    |       |        |      |                |                    |  |  |  |                      |  |  |
| 5  | 24320-WH-01-W-8-20240829 | 8/29/24      |              | 1               |              |      | X    |       |        |      |                |                    |  |  |  |                      |  |  |
| 6  |                          |              |              |                 |              |      |      |       |        |      |                |                    |  |  |  |                      |  |  |
| 7  |                          |              |              |                 |              |      |      |       |        |      |                |                    |  |  |  |                      |  |  |
| 8  |                          |              |              |                 |              |      |      |       |        |      |                |                    |  |  |  |                      |  |  |
| 9  |                          |              |              |                 |              |      |      |       |        |      |                |                    |  |  |  |                      |  |  |
| 10 |                          |              |              |                 |              |      |      |       |        |      |                |                    |  |  |  |                      |  |  |
| 11 |                          |              |              |                 |              |      |      |       |        |      |                |                    |  |  |  |                      |  |  |
| 12 |                          |              |              |                 |              |      |      |       |        |      |                |                    |  |  |  |                      |  |  |
| 13 |                          |              |              |                 |              |      |      |       |        |      |                |                    |  |  |  |                      |  |  |
| 14 |                          |              |              |                 |              |      |      |       |        |      |                |                    |  |  |  |                      |  |  |
| 15 |                          |              |              |                 |              |      |      |       |        |      |                |                    |  |  |  |                      |  |  |

|                           |               |                       |               |                   |   |             |
|---------------------------|---------------|-----------------------|---------------|-------------------|---|-------------|
| Relinquished by:          | Date/Time:    | Received by:          | Date/Time:    | TAT Business Days | Field DO  | Notes:      |
| <i>Nathan Cooper</i>      | 8/29/24 16:06 | <i>Chris Smith</i>    | 8/29/24 16:07 | Same Day          | Field EC  |             |
| Relinquished by:          | Date/Time:    | Received by:          | Date/Time:    | 1 Day             | Field ORP                                       |             |
|                           |               |                       |               | 2 Days            | Field pH  |             |
| Relinquished by:          | Date/Time:    | Received by:          | Date/Time:    | 3 Days            | Field Temp.                                     |             |
|                           |               |                       |               | Standard          | <input checked="" type="checkbox"/> Field Turb. |             |
| Temperature Upon Receipt: | <u>3.8</u>    | Corrected Temperature |               | IR gun #:         | <u>1</u>  | HNO3 lot #: |

S<sub>2</sub>

2/2

S2 Work Order# 2408377

Sample Receipt Checklist

Client: ERM Client Project ID: Chertron Sampling

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

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

Temp (°C) 3.0 Thermometer # 2

|   | Yes                                 | No                                  | N/A                                 | Comments (if any)              |
|---|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------|
| If samples require cooling, is the temperature < 6°C? <sup>(1)</sup><br>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? <sup>(1)</sup>   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" 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?<br>Note the short hold analysis in the comments column<br>- pH, Nitrate/Nitrite, Ferrous Iron (Fe <sup>2+</sup> ), Hexavalent Chromium (Cr <sup>6+</sup> , 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? <sup>(1)</sup>  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | missing some sample times      |
| Is the COC properly relinquished by the client w/ date and time recorded? <sup>(1)</sup>  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |                                |
| Were all samples received intact? <sup>(1)</sup>  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |                                |
| Was adequate sample volume provided? <sup>(1)</sup>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |                                |
| Does the COC agree with the number and type of sample bottles received? <sup>(1)</sup>  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |                                |
| Do the sample IDs on the bottle labels match the COC? <sup>(1)</sup>  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | some time stamps did not match |
| 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)? <sup>(1)</sup> Note the type of preservative in the comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , etc.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                                |
| If samples are acid preserved for metals, is the pH ≤ 2? <sup>(1)</sup> 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):   |                                     |                                     |                                     |                                |
|   |                                     |                                     |                                     |                                |
|   |                                     |                                     |                                     |                                |

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

AB

Custodian Printed Name

8/29/24  
Date/Time



ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling  
Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-BG-01-5-20240829**

**2408377-01 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **08/29/24 08:50**

| Analyte   | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |        | Limit     | Units    |          |         |          |          |           |       |
| Calcium   | 27.3   | 0.0500    | mg/L dry | 1        | BHI0022 | 09/03/24 | 09/05/24 | EPA 6020B |       |
| Magnesium | 19.0   | 0.0500    | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 310    | 0.0500    | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **08/29/24 08:50**

| Analyte                 | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------|-------|----------|---------|----------|----------|-------------|-------|
|                         |        | Limit     | Units |          |         |          |          |             |       |
| Sodium Adsorption Ratio | 11.1   | 0.00100   | units | 1        | BHI0120 | 09/05/24 | 09/05/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **08/29/24 08:50**

| Analyte  | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|----------|--------|-----------|-------|----------|---------|----------|----------|-------------|-------|
|          |        | Limit     | Units |          |         |          |          |             |       |
| % Solids | 75.7   |           | %     | 1        | BHH0970 | 08/30/24 | 08/30/24 | Calculation |       |

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **08/29/24 08:50**

| Analyte                   | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|                           |        | Limit     | Units    |          |         |          |          |           |       |
| Specific Conductance (EC) | 1.36   | 0.0100    | mmhos/cm | 1        | BHI0031 | 09/03/24 | 09/04/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 08:50**

| Analyte | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|         |        | Limit     | Units    |          |         |          |          |           |       |
| pH      | 8.32   |           | pH Units | 1        | BHI0030 | 09/03/24 | 09/04/24 | EPA 9045D |       |

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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling  
Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-BG-02-5-20240829**  
**2408377-02 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **08/29/24 09:10**

| Analyte   | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |        | Limit     | Units    |          |         |          |          |           |       |
| Calcium   | 19.4   | 0.0500    | mg/L dry | 1        | BHI0022 | 09/03/24 | 09/05/24 | EPA 6020B |       |
| Magnesium | 8.51   | 0.0500    | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 127    | 0.0500    | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **08/29/24 09:10**

| Analyte                 | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------|-------|----------|---------|----------|----------|-------------|-------|
|                         |        | Limit     | Units |          |         |          |          |             |       |
| Sodium Adsorption Ratio | 6.05   | 0.00100   | units | 1        | BHI0120 | 09/05/24 | 09/05/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **08/29/24 09:10**

| Analyte  | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|----------|--------|-----------|-------|----------|---------|----------|----------|-------------|-------|
|          |        | Limit     | Units |          |         |          |          |             |       |
| % Solids | 83.4   |           | %     | 1        | BHH0970 | 08/30/24 | 08/30/24 | Calculation |       |

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **08/29/24 09:10**

| Analyte                   | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|                           |        | Limit     | Units    |          |         |          |          |           |       |
| Specific Conductance (EC) | 0.680  | 0.0100    | mmhos/cm | 1        | BHI0031 | 09/03/24 | 09/04/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 09:10**

| Analyte | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|         |        | Limit     | Units    |          |         |          |          |           |       |
| pH      | 8.51   |           | pH Units | 1        | BHI0030 | 09/03/24 | 09/04/24 | EPA 9045D |       |

Summit Scientific

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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling  
Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-BG-03-5-20240829**  
**2408377-03 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **08/29/24 09:30**

| Analyte   | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |        | Limit     | Units    |          |         |          |          |           |       |
| Calcium   | 11.5   | 0.0500    | mg/L dry | 1        | BHI0022 | 09/03/24 | 09/05/24 | EPA 6020B |       |
| Magnesium | 12.4   | 0.0500    | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 134    | 0.0500    | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **08/29/24 09:30**

| Analyte                 | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------|-------|----------|---------|----------|----------|-------------|-------|
|                         |        | Limit     | Units |          |         |          |          |             |       |
| Sodium Adsorption Ratio | 6.53   | 0.00100   | units | 1        | BHI0120 | 09/05/24 | 09/05/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **08/29/24 09:30**

| Analyte  | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|----------|--------|-----------|-------|----------|---------|----------|----------|-------------|-------|
|          |        | Limit     | Units |          |         |          |          |             |       |
| % Solids | 80.3   |           | %     | 1        | BHH0970 | 08/30/24 | 08/30/24 | Calculation |       |

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **08/29/24 09:30**

| Analyte                   | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|                           |        | Limit     | Units    |          |         |          |          |           |       |
| Specific Conductance (EC) | 0.661  | 0.0100    | mmhos/cm | 1        | BHI0031 | 09/03/24 | 09/04/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 09:30**

| Analyte | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|         |        | Limit     | Units    |          |         |          |          |           |       |
| pH      | 8.80   |           | pH Units | 1        | BHI0030 | 09/03/24 | 09/04/24 | EPA 9045D |       |

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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling  
Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-BG-04-5-20240829**  
**2408377-04 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **08/29/24 09:55**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| Calcium   | <b>16.5</b> | 0.0500    | mg/L dry | 1        | BHI0022 | 09/03/24 | 09/05/24 | EPA 6020B |       |
| Magnesium | <b>20.6</b> | 0.0500    | "        | "        | "       | "        | "        | "         |       |
| Sodium    | <b>148</b>  | 0.0500    | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **08/29/24 09:55**

| Analyte                 | Result      | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|-------------|-----------|-------|----------|---------|----------|----------|-------------|-------|
|                         |             | Limit     | Units |          |         |          |          |             |       |
| Sodium Adsorption Ratio | <b>5.74</b> | 0.00100   | units | 1        | BHI0120 | 09/05/24 | 09/05/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **08/29/24 09:55**

| Analyte  | Result      | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-------------|-------|
|          |             | Limit     | Units |          |         |          |          |             |       |
| % Solids | <b>82.9</b> |           | %     | 1        | BHH0970 | 08/30/24 | 08/30/24 | Calculation |       |

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **08/29/24 09:55**

| Analyte                   | Result       | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|                           |              | Limit     | Units    |          |         |          |          |           |       |
| Specific Conductance (EC) | <b>0.808</b> | 0.0100    | mmhos/cm | 1        | BHI0031 | 09/03/24 | 09/04/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 09:55**

| Analyte | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|         |             | Limit     | Units    |          |         |          |          |           |       |
| pH      | <b>8.35</b> |           | pH Units | 1        | BHI0030 | 09/03/24 | 09/04/24 | EPA 9045D |       |

Summit Scientific

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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling  
Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-BG-05-5-20240829**  
**2408377-05 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **08/29/24 10:48**

| Analyte   | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |        | Limit     | Units    |          |         |          |          |           |       |
| Calcium   | 54.1   | 0.0500    | mg/L dry | 1        | BHI0022 | 09/03/24 | 09/05/24 | EPA 6020B |       |
| Magnesium | 38.2   | 0.0500    | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 427    | 0.0500    | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **08/29/24 10:48**

| Analyte                 | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------|-------|----------|---------|----------|----------|-------------|-------|
|                         |        | Limit     | Units |          |         |          |          |             |       |
| Sodium Adsorption Ratio | 10.9   | 0.00100   | units | 1        | BHI0120 | 09/05/24 | 09/05/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **08/29/24 10:48**

| Analyte  | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|----------|--------|-----------|-------|----------|---------|----------|----------|-------------|-------|
|          |        | Limit     | Units |          |         |          |          |             |       |
| % Solids | 69.0   |           | %     | 1        | BHH0970 | 08/30/24 | 08/30/24 | Calculation |       |

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **08/29/24 10:48**

| Analyte                   | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|                           |        | Limit     | Units    |          |         |          |          |           |       |
| Specific Conductance (EC) | 1.83   | 0.0100    | mmhos/cm | 1        | BHI0031 | 09/03/24 | 09/04/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 10:48**

| Analyte | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|         |        | Limit     | Units    |          |         |          |          |           |       |
| pH      | 8.39   |           | pH Units | 1        | BHI0030 | 09/03/24 | 09/04/24 | EPA 9045D |       |

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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling  
Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-BG-06-5-20240829**  
**2408377-06 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **08/29/24 10:35**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| Calcium   | <b>143</b>  | 0.0500    | mg/L dry | 1        | BHI0022 | 09/03/24 | 09/05/24 | EPA 6020B |       |
| Magnesium | <b>91.3</b> | 0.0500    | "        | "        | "       | "        | "        | "         |       |
| Sodium    | <b>802</b>  | 0.0500    | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **08/29/24 10:35**

| Analyte                 | Result      | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|-------------|-----------|-------|----------|---------|----------|----------|-------------|-------|
|                         |             | Limit     | Units |          |         |          |          |             |       |
| Sodium Adsorption Ratio | <b>12.9</b> | 0.00100   | units | 1        | BHI0120 | 09/05/24 | 09/05/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **08/29/24 10:35**

| Analyte  | Result      | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-------------|-------|
|          |             | Limit     | Units |          |         |          |          |             |       |
| % Solids | <b>67.2</b> |           | %     | 1        | BHH0970 | 08/30/24 | 08/30/24 | Calculation |       |

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **08/29/24 10:35**

| Analyte                   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|                           |             | Limit     | Units    |          |         |          |          |           |       |
| Specific Conductance (EC) | <b>3.36</b> | 0.0100    | mmhos/cm | 1        | BHI0031 | 09/03/24 | 09/04/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 10:35**

| Analyte | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|         |             | Limit     | Units    |          |         |          |          |           |       |
| pH      | <b>8.19</b> |           | pH Units | 1        | BHI0030 | 09/03/24 | 09/04/24 | EPA 9045D |       |

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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling  
Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-BG-07-5-20240829**  
**2408377-07 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **08/29/24 10:20**

| Analyte   | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |        | Limit     | Units    |          |         |          |          |           |       |
| Calcium   | 53.8   | 0.0500    | mg/L dry | 1        | BHI0022 | 09/03/24 | 09/05/24 | EPA 6020B |       |
| Magnesium | 41.0   | 0.0500    | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 264    | 0.0500    | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **08/29/24 10:20**

| Analyte                 | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------|-------|----------|---------|----------|----------|-------------|-------|
|                         |        | Limit     | Units |          |         |          |          |             |       |
| Sodium Adsorption Ratio | 6.60   | 0.00100   | units | 1        | BHI0120 | 09/05/24 | 09/05/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **08/29/24 10:20**

| Analyte  | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|----------|--------|-----------|-------|----------|---------|----------|----------|-------------|-------|
|          |        | Limit     | Units |          |         |          |          |             |       |
| % Solids | 76.9   |           | %     | 1        | BHH0970 | 08/30/24 | 08/30/24 | Calculation |       |

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **08/29/24 10:20**

| Analyte                   | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|                           |        | Limit     | Units    |          |         |          |          |           |       |
| Specific Conductance (EC) | 1.41   | 0.0100    | mmhos/cm | 1        | BHI0031 | 09/03/24 | 09/04/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 10:20**

| Analyte | Result | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|         |        | Limit     | Units    |          |         |          |          |           |       |
| pH      | 8.37   |           | pH Units | 1        | BHI0030 | 09/03/24 | 09/04/24 | EPA 9045D |       |

Summit Scientific

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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling

Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-WH-01-E-4-20240829**  
**2408377-08 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 00:00**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>8.47</b> |           | pH Units | 1        | BHI0047 | 09/04/24 | 09/04/24 | EPA 9045D |       |

Summit Scientific



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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling

Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-WH-01-E-6-20240829**  
**2408377-09 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 00:00**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>8.66</b> |           | pH Units | 1        | BHI0047 | 09/04/24 | 09/04/24 | EPA 9045D |       |

Summit Scientific



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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling  
Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-WH-01-E-8-20240829**  
**2408377-10 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 00:00**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>8.30</b> |           | pH Units | 1        | BHI0047 | 09/04/24 | 09/04/24 | EPA 9045D |       |

Summit Scientific



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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling

Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-WH-01-N-4-20240829**  
**2408377-11 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 00:00**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>8.92</b> |           | pH Units | 1        | BHI0047 | 09/04/24 | 09/04/24 | EPA 9045D |       |

Summit Scientific



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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling

Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-WH-01-N-6-20240829**  
**2408377-12 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 00:00**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>8.80</b> |           | pH Units | 1        | BHI0047 | 09/04/24 | 09/04/24 | EPA 9045D |       |

Summit Scientific



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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling

Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-WH-01-N-8-20240829**  
**2408377-13 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 00:00**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>8.96</b> |           | pH Units | 1        | BHI0047 | 09/04/24 | 09/04/24 | EPA 9045D |       |

Summit Scientific



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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling  
Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-WH-01-S-4-20240829**  
**2408377-14 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 00:00**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>8.39</b> |           | pH Units | 1        | BHI0047 | 09/04/24 | 09/04/24 | EPA 9045D |       |

Summit Scientific



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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling

Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-WH-01-S-6-20240829**  
**2408377-15 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 00:00**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>8.48</b> |           | pH Units | 1        | BHI0047 | 09/04/24 | 09/04/24 | EPA 9045D |       |

Summit Scientific



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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling

Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-WH-01-S-8-20240829**  
**2408377-16 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 00:00**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>9.02</b> |           | pH Units | 1        | BHI0047 | 09/04/24 | 09/04/24 | EPA 9045D |       |

Summit Scientific



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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling

Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-WH-01-W-4-20240829**  
**2408377-17 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 00:00**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>8.19</b> |           | pH Units | 1        | BHI0047 | 09/04/24 | 09/04/24 | EPA 9045D |       |

Summit Scientific



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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling

Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-WH-01-W-6-20240829**  
**2408377-18 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 00:00**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>8.77</b> |           | pH Units | 1        | BHI0047 | 09/04/24 | 09/04/24 | EPA 9045D |       |

Summit Scientific



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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling  
Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**24380-WH-01-W-8-20240829**  
**2408377-19 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **08/29/24 00:00**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>8.73</b> |           | pH Units | 1        | BHI0047 | 09/04/24 | 09/04/24 | EPA 9045D |       |

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.*



|  |   |                             |
|--|---|-----------------------------|
| ERM<br>555 17th St<br>Denver CO, 80202 | Project: Chevron Sampling<br>Project Number: 0736294<br>Project Manager: Justin Onwiler | Reported:<br>09/05/24 12:24 |
|--|---|-----------------------------|

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control**

**Summit Scientific**

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

**Batch BHI0022 - General Preparation**

**Blank (BHI0022-BLK1)**

Prepared: 09/03/24 Analyzed: 09/05/24

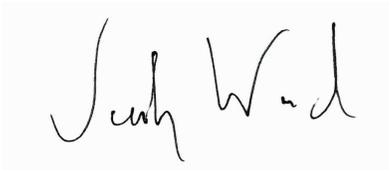
|           |    |        |          |  |  |  |  |  |  |  |
|-----------|----|--------|----------|--|--|--|--|--|--|--|
| Calcium   | ND | 0.0500 | mg/L wet |  |  |  |  |  |  |  |
| Magnesium | ND | 0.0500 | "        |  |  |  |  |  |  |  |
| Sodium    | ND | 0.0500 | "        |  |  |  |  |  |  |  |

**LCS (BHI0022-BS1)**

Prepared: 09/03/24 Analyzed: 09/05/24

|           |      |        |          |      |      |        |  |  |  |  |
|-----------|------|--------|----------|------|------|--------|--|--|--|--|
| Calcium   | 5.66 | 0.0500 | mg/L wet | 5.00 | 113  | 70-130 |  |  |  |  |
| Magnesium | 4.86 | 0.0500 | "        | 5.00 | 97.2 | 70-130 |  |  |  |  |
| Sodium    | 5.09 | 0.0500 | "        | 5.00 | 102  | 70-130 |  |  |  |  |

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|  |   |                                    |
|--|---|------------------------------------|
| ERM<br>555 17th St<br>Denver CO, 80202 | Project: Chevron Sampling<br>Project Number: 0736294<br>Project Manager: Justin Onwiler | <b>Reported:</b><br>09/05/24 12:24 |
|--|---|------------------------------------|

**Physical Parameters by APHA/ASTM/EPA Methods - Quality Control**

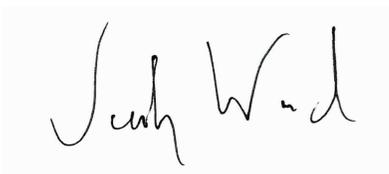
**Summit Scientific**

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

**Batch BHH0970 - General Preparation**

|                                 |                           |  |   |  |      |  |  |  |        |  |    |  |
|---------------------------------|---------------------------|--|---|--|------|--|--|--|--------|--|----|--|
| <b>Duplicate (BHH0970-DUP1)</b> | <b>Source: 2408375-01</b> |  |   | <b>Prepared &amp; Analyzed: 08/30/24</b> |      |  |  |  |        |  |    |  |
| % Solids                        | 95.9                      |  | % |  | 95.9 |  |  |  | 0.0164 |  | 20 |  |

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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling

Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control**

**Summit Scientific**

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

**Batch BHI0031 - General Preparation**

**Blank (BHI0031-BLK1)**

Prepared: 09/03/24 Analyzed: 09/04/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BHI0031-BS1)**

Prepared: 09/03/24 Analyzed: 09/04/24

Specific Conductance (EC) 0.153 0.0100 mmhos/cm 0.150 102 95-105

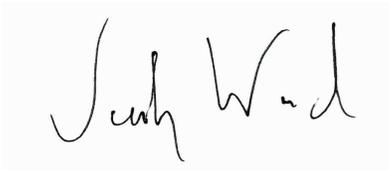
**Duplicate (BHI0031-DUP1)**

**Source: 2408377-01**

Prepared: 09/03/24 Analyzed: 09/04/24

Specific Conductance (EC) 1.36 0.0100 mmhos/cm 1.36 0.147 20

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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling

Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control**

**Summit Scientific**

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

**Batch BHI0030 - General Preparation**

| LCS (BHI0030-BS1)        |      |  |          |      |  |        |  |       |    |  |
|--------------------------|------|--|----------|------|--|--------|--|-------|----|--|
|                          |      |  |          |      | Prepared: 09/03/24 Analyzed: 09/04/24                    |        |  |       |    |  |
| pH                       | 9.24 |  | pH Units | 9.18 | 101  | 95-105 |  |       |    |  |
| Duplicate (BHI0030-DUP1) |      |  |          |      |  |        |  |       |    |  |
|                          |      |  |          |      | Source: 2408377-01 Prepared: 09/03/24 Analyzed: 09/04/24 |        |  |       |    |  |
| pH                       | 8.30 |  | pH Units | 8.32 |  |        |  | 0.241 | 20 |  |

**Batch BHI0047 - General Preparation**

| LCS (BHI0047-BS1)        |      |  |          |      |  |        |  |       |    |  |
|--------------------------|------|--|----------|------|--|--------|--|-------|----|--|
|                          |      |  |          |      | Prepared & Analyzed: 09/04/24                    |        |  |       |    |  |
| pH                       | 9.24 |  | pH Units | 9.18 | 101  | 95-105 |  |       |    |  |
| Duplicate (BHI0047-DUP1) |      |  |          |      |  |        |  |       |    |  |
|                          |      |  |          |      | Source: 2408377-08 Prepared & Analyzed: 09/04/24 |        |  |       |    |  |
| pH                       | 8.44 |  | pH Units | 8.47 |  |        |  | 0.355 | 20 |  |

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ERM  
555 17th St  
Denver CO, 80202

Project: Chevron Sampling  
Project Number: 0736294  
Project Manager: Justin Onwiler

**Reported:**  
09/05/24 12:24

### 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