

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80401

303.277.9310

July 24, 2023

Costin McQueen

Civitas Resources

650 Southgate Drive

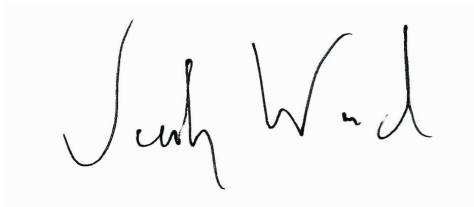
Windsor, CO 80550

RE: Alma West

Work Order # 2307296

Enclosed are the results of analyses for samples received by Summit Scientific on 07/18/23 15:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Wood". The signature is written in a cursive, flowing style. The first name "Jacob" is written with a large, looped 'J' and a small 'a'. The last name "Wood" is written with a large 'W' and a small 'd'.

Jacob Wood For Paul Shrewsbury

President



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Alma West

Project Number: 15-66-2524 PHD

Project Manager: Costin McQueen

Reported:
07/24/23 08:52

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-------------------|---------------|--------|----------------|----------------|
| ALMA WEST WC-BK01 | 2307296-01 | Soil | 07/18/23 09:30 | 07/18/23 15:25 |

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.

| | | | |
|---|--|---|--|
| Send Data To: | | Send Invoice To: | |
| Client: <i>Civitas Resources</i> | Project Manager: <i>Castin McQueen</i> | Company: <i>Civitas Resources</i> | |
| Address: <i>650 Southgate DR</i> | E-Mail: <i>cmcqueen@civitasresources.com</i> | Project Name/Location: <i>ALIMA WEST 15-66-2524</i> | |
| City/State/Zip: <i>Windsor CO 80550</i> | | AFE#: <i>CIC: P1619</i> | |
| Phone: <i>720-315-8934</i> | Project Name: <i>ALIMA WEST</i> | PO/Billing Codes: <i>10/1/15 820.162</i> | |
| Sampler Name: <i>Howard Arnold</i> | Project Number: <i>15-66-2524 PAD</i> | Contact: <i>Castin McQueen</i> | |

| | | | | Preservative | | | | Matrix | | | | Analysis Requested | | | | Special Instructions | | | |
|----|--------------------|--------------|--------------|-----------------|-----|------|------|--------|-------|------|----------------|--------------------|------------|----|-----|----------------------|-----|--|--|
| ID | Sample Description | Date Sampled | Time Sampled | # of containers | HCl | HNO3 | None | Other | Water | Soil | Air-Canister # | Other | 915 Metals | pH | SAR | EC | BOD | | |
| 1 | ALIMA WEST WC-PAD | 7-18-23 | 9:30 | 2 | | | X | | | X | | | X | X | X | X | X | | |
| 2 | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | |

| | | | | | | |
|---------------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------------|-------------|--------|
| Relinquished by: <i>Howard Arnold</i> | Date/Time: <i>7-18-23 15:25</i> | Received by: <i>[Signature]</i> | Date/Time: <i>7-18-23 15:25</i> | TAT Business Days | Field DO | Notes: |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Same Day | Field EC | |
| | | | | 1 Day | Field ORP | |
| | | | | 2 Days | Field pH | |
| | | | | 3 Days | Field Temp. | |
| | | | | Standard | Field Turb. | |
| Temperature Upon Receipt: <i>18.1</i> | Corrected Temperature: <i>0</i> | IR gun #: <i>1</i> | HNO3 lot #: | | | |

S₂

Sample Receipt Checklist

S2 Work Order# 2307294Client: CintasClient Project ID: ALMA westShipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #: ☐
☐ ☐ ☐ ☐ ☐

Matrix (Check all that apply)

Air

☐

Solid

☒

Water

☐

Other

☐

Temp (°C)

Thermometer #

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

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

7/18/23
Date/Time



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Alma West
Project Number: 15-66-2524 PHD
Project Manager: Costin McQueen

Reported:
07/24/23 08:52

ALMA WEST WC-BK01
2307296-01 (Soil)

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Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **07/18/23 09:30**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-----|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | MDL | | | | | | | |
| Boron | ND | 0.0100 | | mg/L | 1 | BGG0558 | 07/19/23 | 07/20/23 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **07/18/23 09:30**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|-------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | MDL | | | | | | | |
| Arsenic | 1.02 | 0.212 | | mg/kg dry | 1 | BGG0563 | 07/19/23 | 07/20/23 | EPA 6020B | |
| Barium | 58.6 | 0.424 | | " | " | " | " | " | " | |
| Cadmium | ND | 0.212 | | " | " | " | " | " | " | |
| Copper | 3.00 | 0.424 | | " | " | " | " | " | " | |
| Lead | 4.76 | 0.212 | | " | " | " | " | " | " | |
| Nickel | 2.24 | 0.424 | | " | " | " | " | " | " | |
| Selenium | ND | 0.275 | 0.185 | " | " | " | " | " | " | |
| Silver | 0.0331 | 0.0212 | | " | " | " | " | " | " | |
| Zinc | 9.27 | 0.424 | | " | " | " | " | " | " | |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **07/18/23 09:30**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------|-----|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | MDL | | | | | | | |
| Chromium, Hexavalent | ND | 0.30 | | mg/kg dry | 1 | BGG0565 | 07/19/23 | 07/19/23 | EPA 7196A | |

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

Date Sampled: **07/18/23 09:30**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------|-----|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | MDL | | | | | | | |
| Calcium | 238 | 0.0530 | | mg/L dry | 1 | BGG0551 | 07/18/23 | 07/19/23 | EPA 6020B | |
| Magnesium | 51.7 | 0.0530 | | " | " | " | " | " | " | |
| Sodium | 12.9 | 0.0530 | | " | " | " | " | " | " | |

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650 Southgate Drive
Windsor CO, 80550

Project: Alma West
Project Number: 15-66-2524 PHD
Project Manager: Costin McQueen

Reported:
07/24/23 08:52

ALMA WEST WC-BK01
2307296-01 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **07/18/23 09:30**

| Analyte | Result | Reporting Limit | MDL | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------------|--------------------|-----|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.198 | 0.00100 | | units | 1 | BGG0645 | 07/20/23 | 07/20/23 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **07/18/23 09:30**

| Analyte | Result | Reporting Limit | MDL | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|--------------------|-----|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 94.4 | | | % | 1 | BGG0559 | 07/19/23 | 07/19/23 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **07/18/23 09:30**

| Analyte | Result | Reporting Limit | MDL | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------------|--------------------|-----|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.219 | 0.0100 | | mmhos/cm | 1 | BGG0574 | 07/19/23 | 07/19/23 | EPA 120.1 | |

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

Date Sampled: **07/18/23 09:30**

| Analyte | Result | Reporting Limit | MDL | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-------------|--------------------|-----|----------|----------|---------|----------|----------|-----------|-------|
| pH | 7.71 | | | pH Units | 1 | BGG0573 | 07/19/23 | 07/19/23 | EPA 9045D | |

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Civitas Resources
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Windsor CO, 80550

Project: Alma West

Project Number: 15-66-2524 PHD

Project Manager: Costin McQueen

Reported:
07/24/23 08:52

Total Metals by EPA 6020B Hot Water Soluble Extraction - Quality Control

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

Batch BGG0558 - EPA 3050B

Blank (BGG0558-BLK1)

Prepared: 07/19/23 Analyzed: 07/20/23

| | | | |
|-------|----|--------|------|
| Boron | ND | 0.0100 | mg/L |
|-------|----|--------|------|

LCS (BGG0558-BS1)

Prepared: 07/19/23 Analyzed: 07/20/23

| | | | | | | |
|-------|------|--------|------|------|-----|--------|
| Boron | 5.04 | 0.0100 | mg/L | 5.00 | 101 | 80-120 |
|-------|------|--------|------|------|-----|--------|

Duplicate (BGG0558-DUP1)

Source: 2307295-01

Prepared: 07/19/23 Analyzed: 07/20/23

| | | | | | | | |
|-------|--------|--------|------|--------|------|----|-------|
| Boron | 0.0325 | 0.0100 | mg/L | 0.0156 | 70.3 | 20 | QR-01 |
|-------|--------|--------|------|--------|------|----|-------|

Matrix Spike (BGG0558-MS1)

Source: 2307295-01

Prepared: 07/19/23 Analyzed: 07/20/23

| | | | | | | | |
|-------|------|--------|------|------|--------|------|--------|
| Boron | 4.98 | 0.0100 | mg/L | 5.00 | 0.0156 | 99.3 | 75-125 |
|-------|------|--------|------|------|--------|------|--------|

Matrix Spike Dup (BGG0558-MSD1)

Source: 2307295-01

Prepared: 07/19/23 Analyzed: 07/20/23

| | | | | | | | | | |
|-------|------|--------|------|------|--------|-----|--------|-------|----|
| Boron | 5.03 | 0.0100 | mg/L | 5.00 | 0.0156 | 100 | 75-125 | 0.905 | 25 |
|-------|------|--------|------|------|--------|-----|--------|-------|----|

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Alma West
Project Number: 15-66-2524 PHD
Project Manager: Costin McQueen

Reported:
07/24/23 08:52

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BGG0563 - EPA 3050B

Blank (BGG0563-BLK1)

Prepared: 07/19/23 Analyzed: 07/20/23

| | | | |
|----------|----|--------|-----------|
| Arsenic | ND | 0.200 | mg/kg wet |
| Barium | ND | 0.400 | " |
| Cadmium | ND | 0.200 | " |
| Copper | ND | 0.400 | " |
| Lead | ND | 0.200 | " |
| Nickel | ND | 0.400 | " |
| Selenium | ND | 0.260 | " |
| Silver | ND | 0.0200 | " |
| Zinc | ND | 0.400 | " |

LCS (BGG0563-BS1)

Prepared: 07/19/23 Analyzed: 07/20/23

| | | | | | | |
|----------|------|--------|-----------|------|------|--------|
| Arsenic | 36.9 | 0.200 | mg/kg wet | 40.0 | 92.3 | 80-120 |
| Barium | 33.8 | 0.400 | " | 40.0 | 84.6 | 80-120 |
| Cadmium | 1.73 | 0.200 | " | 2.00 | 86.6 | 80-120 |
| Copper | 36.0 | 0.400 | " | 40.0 | 89.9 | 80-120 |
| Lead | 18.5 | 0.200 | " | 20.0 | 92.5 | 80-120 |
| Nickel | 35.6 | 0.400 | " | 40.0 | 89.0 | 80-120 |
| Selenium | 3.91 | 0.260 | " | 4.00 | 97.8 | 80-120 |
| Silver | 1.64 | 0.0200 | " | 2.00 | 82.2 | 80-120 |
| Zinc | 40.6 | 0.400 | " | 40.0 | 102 | 80-120 |


Duplicate (BGG0563-DUP1)

Source: 2307283-02

Prepared: 07/19/23 Analyzed: 07/20/23

| | | | | | | | |
|----------|--------|--------|-----------|--------|------|----|-------|
| Arsenic | 1.21 | 0.235 | mg/kg dry | 1.11 | 8.64 | 20 | |
| Barium | 129 | 0.469 | " | 95.8 | 29.7 | 20 | QR-04 |
| Cadmium | 0.241 | 0.235 | " | 0.190 | 23.8 | 20 | QR-01 |
| Copper | 1.33 | 0.469 | " | 1.23 | 8.31 | 20 | |
| Lead | 4.46 | 0.235 | " | 3.75 | 17.3 | 20 | |
| Nickel | 1.66 | 0.469 | " | 1.56 | 6.13 | 20 | |
| Selenium | ND | 0.305 | " | ND | | 20 | |
| Silver | 0.0263 | 0.0235 | " | 0.0206 | 24.0 | 20 | QR-01 |
| Zinc | 5.30 | 0.469 | " | 4.96 | 6.60 | 20 | |

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Windsor CO, 80550

Project: Alma West
Project Number: 15-66-2524 PHD
Project Manager: Costin McQueen

Reported:
07/24/23 08:52

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BGG0563 - EPA 3050B

| Matrix Spike (BGG0563-MS1) | | Source: 2307283-02 | | | Prepared: 07/19/23 Analyzed: 07/20/23 | | | | | |
|----------------------------|------|--------------------|-----------|------|---------------------------------------|------|--------|--|--|-------|
| Arsenic | 15.9 | 0.235 | mg/kg dry | 46.9 | 1.11 | 31.5 | 75-125 | | | QM-01 |
| Barium | 173 | 0.469 | " | 46.9 | 95.8 | 164 | 75-125 | | | QM-01 |
| Cadmium | 1.82 | 0.235 | " | 2.35 | 0.190 | 69.3 | 75-125 | | | QM-01 |
| Copper | 16.0 | 0.469 | " | 46.9 | 1.23 | 31.5 | 75-125 | | | QM-01 |
| Lead | 19.3 | 0.235 | " | 23.5 | 3.75 | 66.1 | 75-125 | | | QM-01 |
| Nickel | 16.6 | 0.469 | " | 46.9 | 1.56 | 32.1 | 75-125 | | | QM-01 |
| Selenium | 4.31 | 0.305 | " | 4.69 | ND | 91.9 | 75-125 | | | |
| Silver | 1.65 | 0.0235 | " | 2.35 | 0.0206 | 69.4 | 75-125 | | | QM-01 |
| Zinc | 21.4 | 0.469 | " | 46.9 | 4.96 | 35.0 | 75-125 | | | QM-01 |

| Matrix Spike Dup (BGG0563-MSD1) | | Source: 2307283-02 | | | Prepared: 07/19/23 Analyzed: 07/20/23 | | | | | |
|---------------------------------|------|--------------------|-----------|------|---------------------------------------|------|--------|-------|----|-------|
| Arsenic | 16.2 | 0.235 | mg/kg dry | 46.9 | 1.11 | 32.1 | 75-125 | 1.77 | 25 | QM-01 |
| Barium | 188 | 0.469 | " | 46.9 | 95.8 | 196 | 75-125 | 8.38 | 25 | QM-01 |
| Cadmium | 2.03 | 0.235 | " | 2.35 | 0.190 | 78.3 | 75-125 | 11.0 | 25 | |
| Copper | 16.1 | 0.469 | " | 46.9 | 1.23 | 31.7 | 75-125 | 0.620 | 25 | QM-01 |
| Lead | 21.0 | 0.235 | " | 23.5 | 3.75 | 73.6 | 75-125 | 8.74 | 25 | QM-01 |
| Nickel | 16.6 | 0.469 | " | 46.9 | 1.56 | 32.1 | 75-125 | 0.186 | 25 | QM-01 |
| Selenium | 3.47 | 0.305 | " | 4.69 | ND | 74.0 | 75-125 | 21.6 | 25 | QM-01 |
| Silver | 1.78 | 0.0235 | " | 2.35 | 0.0206 | 75.0 | 75-125 | 7.63 | 25 | |
| Zinc | 21.2 | 0.469 | " | 46.9 | 4.96 | 34.7 | 75-125 | 0.671 | 25 | QM-01 |

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Windsor CO, 80550

Project: Alma West
Project Number: 15-66-2524 PHD
Project Manager: Costin McQueen

Reported:
07/24/23 08:52

Hexavalent Chromium by EPA Method 7196 - Quality Control
Summit Scientific

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

Batch BGG0565 - 3060A Mod

Blank (BGG0565-BLK1)

Prepared & Analyzed: 07/19/23

Chromium, Hexavalent ND 0.30 mg/kg wet

LCS (BGG0565-BS1)

Prepared & Analyzed: 07/19/23

Chromium, Hexavalent 23.9 0.30 mg/kg wet 25.0 95.6 80-120

Duplicate (BGG0565-DUP1)

Source: 2307295-01

Prepared & Analyzed: 07/19/23

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

Matrix Spike (BGG0565-MS1)

Source: 2307295-01

Prepared & Analyzed: 07/19/23

Chromium, Hexavalent 23.6 0.30 mg/kg dry 25.4 ND 93.0 75-125

Matrix Spike Dup (BGG0565-MSD1)

Source: 2307295-01

Prepared & Analyzed: 07/19/23

Chromium, Hexavalent 22.4 0.30 mg/kg dry 25.4 ND 88.0 75-125 5.52 20

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Project: Alma West

Project Number: 15-66-2524 PHD

Project Manager: Costin McQueen

Reported:
07/24/23 08:52

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

Summit Scientific

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

Batch BGG0551 - General Preparation

Blank (BGG0551-BLK1)

Prepared: 07/18/23 Analyzed: 07/19/23

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

LCS (BGG0551-BS1)

Prepared: 07/18/23 Analyzed: 07/19/23

| | | | | | | |
|-----------|------|--------|----------|------|-----|--------|
| Calcium | 5.47 | 0.0500 | mg/L wet | 5.00 | 109 | 70-130 |
| Magnesium | 5.82 | 0.0500 | " | 5.00 | 116 | 70-130 |
| Sodium | 5.93 | 0.0500 | " | 5.00 | 119 | 70-130 |

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Project: Alma West

Project Number: 15-66-2524 PHD

Project Manager: Costin McQueen

Reported:
07/24/23 08:52

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

Summit Scientific

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

Batch BGG0559 - General Preparation

| Duplicate (BGG0559-DUP1) | | Source: 2307295-01 | | Prepared & Analyzed: 07/19/23 | | | | | | |
|--------------------------|------|--------------------|---|-------------------------------|------|--|--------|--|----|--|
| % Solids | 98.3 | | % | | 98.3 | | 0.0101 | | 20 | |

Summit Scientific

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



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Alma West
Project Number: 15-66-2524 PHD
Project Manager: Costin McQueen

Reported:
07/24/23 08:52

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

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

Batch BGG0574 - General Preparation

Blank (BGG0574-BLK1)

Prepared & Analyzed: 07/19/23

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (BGG0574-BS1)

Prepared & Analyzed: 07/19/23

Specific Conductance (EC) 0.155 0.0100 mmhos/cm 0.150 104 95-105

Duplicate (BGG0574-DUP1)

Source: 2307295-01

Prepared & Analyzed: 07/19/23

Specific Conductance (EC) 0.131 0.0100 mmhos/cm 0.132 1.22 20

Summit Scientific

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Alma West

Project Number: 15-66-2524 PHD

Project Manager: Costin McQueen

Reported:
07/24/23 08:52

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

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

Batch BGG0573 - General Preparation

LCS (BGG0573-BS1)

Prepared & Analyzed: 07/19/23

| | | | | | |
|----|------|----------|------|------|--------|
| pH | 9.03 | pH Units | 9.18 | 98.4 | 95-105 |
|----|------|----------|------|------|--------|

Duplicate (BGG0573-DUP1)

Source: 2307295-01

Prepared & Analyzed: 07/19/23

| | | | | | |
|----|------|----------|------|-------|----|
| pH | 6.17 | pH Units | 6.14 | 0.487 | 20 |
|----|------|----------|------|-------|----|

Summit Scientific

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Alma West

Project Number: 15-66-2524 PHD

Project Manager: Costin McQueen

Reported:
07/24/23 08:52

Notes and Definitions

| | |
|-------|---|
| QR-04 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| QR-01 | Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results. |
| QM-01 | The spike recovery for this QC sample is outside of established control limits due to sample matrix interference. |
| 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 |