



STATE OF  
COLORADO

Gagnon - DNR, Nikie <nikie.gagnon@state.co.us>

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## Amen Water level and WQ data

1 message

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**Peter Wayland** <pwayland@weilandinc.com>  
To: "Gagnon - DNR, Nikie" <nikie.gagnon@state.co.us>

Fri, Aug 29, 2025 at 2:40 PM

Nickie,

I have attached water level for 24-25 and the WQ monitoring from 1/24 and 7/24.

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Peter Wayland

Weiland, Inc.

PO Box 18087

Boulder, CO 80308

M 303.518-2182

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### 3 attachments

**Amen Water Levels 24-25.pdf**  
77K

**240118065\_23.3048\_Results.pdf**  
786K

**240718075\_23.3048\_Results.pdf**  
1202K

# Amen Aggregate Resource Water Level Monitoring Data 7/20/2023 - 6/20/2025

| DATE       | MW-1    | EW-1    | MW-2    | MW-3    | MW-4    | MW-5    |
|------------|---------|---------|---------|---------|---------|---------|
| 7/20/2023  | 4802.55 | 4801.70 | 4800.74 | 4796.91 | 4787.40 | 4789.12 |
| 8/20/2023  | 4802.80 | 4801.90 | 4801.34 | 4797.92 | 4788.93 | 4790.62 |
| 9/20/2023  | 4803.05 | 4802.20 | 4800.87 | 4796.64 | 4786.80 | 4788.37 |
| 10/20/2023 | 4802.85 | 4802.20 | 4801.14 | 4797.54 | 4788.30 | 4790.21 |
| 11/20/2023 | 4802.20 | 4801.50 | 4801.04 | 4797.69 | 4788.60 | 4790.51 |
| 12/20/2023 | 4802.05 | 4801.30 | 4799.84 | 4796.98 | 4787.40 | 4789.06 |
| 1/20/2024  | 4801.90 | 4801.20 | 4800.04 | 4798.22 | 4789.50 | 4791.59 |
| 2/20/2024  | 4802.00 | 4801.20 | 4799.94 | 4796.71 | 4786.90 | 4788.50 |
| 3/20/2024  | 4802.31 | 4801.60 | 4800.04 | 4797.05 | 4787.50 | 4789.20 |
| 4/20/2024  | 4802.67 | 4801.90 | 4799.94 | 4800.45 | 4793.20 | 4796.14 |
| 5/20/2024  | 4802.90 | 4802.20 | 4800.14 | 4801.54 | 4793.80 | 4798.35 |
| 6/20/2024  | 4803.01 | 4802.30 | 4800.24 | 4799.18 | 4791.05 | 4793.54 |
| 7/20/2024  | 4802.07 | 4802.10 | 4798.31 | 4798.21 | 4790.10 | 4792.31 |
| 8/20/2024  | 4801.75 | 4802.00 | 4797.99 | 4796.40 | 4790.20 | 4792.10 |
| 9/20/2024  | 4800.74 | 4801.70 | 4797.98 | 4796.20 | 4790.50 | 4792.10 |
| 10/20/2024 | 4800.86 | 4802.48 | 4798.10 | 4796.10 | 4790.30 | 4792.17 |
| 11/20/2024 | 4801.05 | 4801.55 | 4798.29 | 4797.50 | 4790.59 | 4792.29 |
| 12/20/2024 | 4801.01 | 4801.80 | 4798.25 | 4797.40 | 4790.58 | 4792.27 |
| 1/20/2025  | 4800.85 | 4802.10 | 4798.09 | 4796.10 | 4790.10 | 4792.17 |
| 2/20/2025  | 4801.00 | 4801.30 | 4798.24 | 4797.50 | 4790.20 | 4792.26 |
| 3/20/2025  | 4801.01 | 4801.10 | 4798.25 | 4797.80 | 4790.58 | 4792.27 |
| 4/20/2025  | 4801.43 | 4801.70 | 4798.67 | 4797.10 | 4790.80 | 4791.80 |
| 5/20/2025  | 4800.51 | 4801.70 | 4797.75 | 4796.64 | 4790.20 | 4791.95 |
| 6/20/2025  | 4800.65 | 4801.40 | 4797.89 | 4796.10 | 4790.50 | 4792.04 |

Notes:

Water levels in feet referenced to the Johnsons Corner NGS Vertical datum NGVD 1988

## Analytical Results

**TASK NO: 240118065**

**Report To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240118065

**Client PO:**

**Client Project:** 23.3048

**Date Received:** 1/18/24

**Date Reported:** 1/26/24

**Matrix:** Water - Ground

**Customer Sample ID** MW-1

**Sample Date/Time:** 1/18/24 9:00 AM

**Lab Number:** 240118065-01

| Test                      | Result / Units | Method        | RL    | MDL    | Date Analyzed | QC Batch ID | Analyzed By |
|---------------------------|----------------|---------------|-------|--------|---------------|-------------|-------------|
| Chloride                  | 41.5 mg/L      | EPA 300.0     | 1.00  | 0.007  | 1/18/24       | QC70728     | AMJ         |
| Chromium - Hexavalent     | ND mg/L        | SM 3500-Cr B  | 0.02  | 0.01   | 1/23/24       | QC70804     | AMJ         |
| Cyanide-Free              | ND mg/L        | ASTM D4282-15 | 0.005 | 0.0005 | 1/22/24       | QC70763     | JCB         |
| Fluoride                  | 0.83 mg/L      | EPA 300.0     | 0.10  | 0.024  | 1/18/24       | QC70729     | AMJ         |
| Nitrate Nitrogen          | 5.65 mg/L      | EPA 300.0     | 0.05  | 0.02   | 1/18/24       | QC70730     | AMJ         |
| Nitrate/ Nitrite Nitrogen | 5.65 mg/L      | Calculation   | 0.05  | 0.02   | 1/19/24       | -           | AMJ         |
| Nitrite Nitrogen          | ND mg/L        | EPA 300.0     | 0.03  | 0.01   | 1/18/24       | QC70731     | AMJ         |
| Sulfate                   | 385 mg/L       | EPA 300.0     | 1.00  | 0.012  | 1/18/24       | QC70732     | AMJ         |
| Total Coliform            | 10 mpn/100ml   | SM 9221-B     | 10    | 1      | 1/19/24       | -           | AMJ         |

### Dissolved

|            |             |           |        |          |         |         |     |
|------------|-------------|-----------|--------|----------|---------|---------|-----|
| Aluminum   | 0.012 mg/L  | EPA 200.8 | 0.010  | 0.00003  | 1/24/24 | QC70834 | MBN |
| Antimony   | ND mg/L     | EPA 200.8 | 0.0120 | 0.00012  | 1/24/24 | QC70834 | MBN |
| Arsenic    | ND mg/L     | EPA 200.8 | 0.0060 | 0.00006  | 1/24/24 | QC70834 | MBN |
| Barium     | 0.0284 mg/L | EPA 200.8 | 0.0070 | 0.00007  | 1/24/24 | QC70834 | MBN |
| Beryllium  | ND mg/L     | EPA 200.8 | 0.0010 | 0.000008 | 1/24/24 | QC70834 | MBN |
| Cadmium    | 0.0010 mg/L | EPA 200.8 | 0.0010 | 0.000006 | 1/24/24 | QC70834 | MBN |
| Chromium   | ND mg/L     | EPA 200.8 | 0.0150 | 0.00015  | 1/24/24 | QC70834 | MBN |
| Cobalt     | ND mg/L     | EPA 200.8 | 0.0020 | 0.00005  | 1/24/24 | QC70834 | MBN |
| Copper     | ND mg/L     | EPA 200.8 | 0.0080 | 0.00001  | 1/24/24 | QC70834 | MBN |
| Lead       | ND mg/L     | EPA 200.8 | 0.0010 | 0.000006 | 1/24/24 | QC70834 | MBN |
| Manganese  | 0.3392 mg/L | EPA 200.8 | 0.0080 | 0.00001  | 1/24/24 | QC70834 | MBN |
| Molybdenum | ND mg/L     | EPA 200.8 | 0.0050 | 0.00005  | 1/24/24 | QC70834 | MBN |
| Nickel     | ND mg/L     | EPA 200.8 | 0.0090 | 0.00005  | 1/24/24 | QC70834 | MBN |
| Selenium   | 0.0198 mg/L | EPA 200.8 | 0.0080 | 0.00008  | 1/24/24 | QC70834 | MBN |
| Silver     | ND mg/L     | EPA 200.8 | 0.0050 | 0.000003 | 1/24/24 | QC70834 | MBN |

### Abbreviations/ References:

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MDL = Method Detection Limit

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ug/L = Micrograms Per Liter or PPB

mpn/100 mls = Most Probable Number Index/ 100 mls

Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.

(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

**10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313**

**Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507**

## Analytical Results

**TASK NO: 240118065**

**Report To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240118065  
**Client PO:**  
**Client Project:** 23.3048

**Date Received:** 1/18/24  
**Date Reported:** 1/26/24  
**Matrix:** Water - Ground

**Customer Sample ID** MW-1

**Sample Date/Time:** 1/18/24 9:00 AM

**Lab Number:** 240118065-01

| Test             | Result / Units | Method    | RL     | MDL      | Date Analyzed | QC Batch ID | Analyzed By |
|------------------|----------------|-----------|--------|----------|---------------|-------------|-------------|
| <u>Dissolved</u> |                |           |        |          |               |             |             |
| Thallium         | ND mg/L        | EPA 200.8 | 0.0020 | 0.000003 | 1/24/24       | QC70834     | MBN         |
| Uranium          | 0.0154 mg/L    | EPA 200.8 | 0.0020 | 0.000002 | 1/24/24       | QC70834     | MBN         |
| Vanadium         | ND mg/L        | EPA 200.8 | 0.010  | 0.0001   | 1/24/24       | QC70834     | MBN         |
| Zinc             | ND mg/L        | EPA 200.8 | 0.010  | 0.00003  | 1/24/24       | QC70834     | MBN         |
| Boron            | 0.21 mg/L      | EPA 200.7 | 0.05   | 0.01     | 1/23/24       | QC70797     | MBN         |
| Iron             | ND mg/L        | EPA 200.7 | 0.005  | 0.0005   | 1/23/24       | QC70797     | MBN         |

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Date Analyzed = Date Test Completed

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ND = Not Detected at Reporting Limit.

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3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240118065

**Client PO:**

**Client Project:** 23.3048

**Date Received:** 1/18/24

**Date Reported:** 1/26/24

**Matrix:** Water - Ground

**Customer Sample ID** MW-2

**Sample Date/Time:** 1/18/24 9:40 AM

**Lab Number:** 240118065-02

| Test                      | Result / Units | Method        | RL    | MDL    | Date Analyzed | QC Batch ID | Analyzed By |
|---------------------------|----------------|---------------|-------|--------|---------------|-------------|-------------|
| Chloride                  | 87.3 mg/L      | EPA 300.0     | 1.00  | 0.007  | 1/18/24       | QC70728     | AMJ         |
| Chromium - Hexavalent     | ND mg/L        | SM 3500-Cr B  | 0.02  | 0.01   | 1/23/24       | QC70804     | AMJ         |
| Cyanide-Free              | ND mg/L        | ASTM D4282-15 | 0.005 | 0.0005 | 1/22/24       | QC70763     | JCB         |
| Fluoride                  | 0.88 mg/L      | EPA 300.0     | 0.10  | 0.024  | 1/18/24       | QC70729     | AMJ         |
| Nitrate Nitrogen          | 0.83 mg/L      | EPA 300.0     | 0.05  | 0.02   | 1/18/24       | QC70730     | AMJ         |
| Nitrate/ Nitrite Nitrogen | 0.83 mg/L      | Calculation   | 0.05  | 0.02   | 1/19/24       | -           | AMJ         |
| Nitrite Nitrogen          | ND mg/L        | EPA 300.0     | 0.03  | 0.01   | 1/18/24       | QC70731     | AMJ         |
| Sulfate                   | 433 mg/L       | EPA 300.0     | 1.00  | 0.012  | 1/18/24       | QC70732     | AMJ         |
| Total Coliform            | 336 mpn/100ml  | SM 9221-B     | 10    | 1      | 1/19/24       | -           | AMJ         |

### Dissolved

|            |             |           |        |          |         |         |     |
|------------|-------------|-----------|--------|----------|---------|---------|-----|
| Aluminum   | 0.040 mg/L  | EPA 200.8 | 0.010  | 0.00003  | 1/24/24 | QC70834 | MBN |
| Antimony   | ND mg/L     | EPA 200.8 | 0.0120 | 0.00012  | 1/24/24 | QC70834 | MBN |
| Arsenic    | ND mg/L     | EPA 200.8 | 0.0060 | 0.00006  | 1/24/24 | QC70834 | MBN |
| Barium     | 0.0409 mg/L | EPA 200.8 | 0.0070 | 0.00007  | 1/24/24 | QC70834 | MBN |
| Beryllium  | ND mg/L     | EPA 200.8 | 0.0010 | 0.000008 | 1/24/24 | QC70834 | MBN |
| Cadmium    | 0.0010 mg/L | EPA 200.8 | 0.0010 | 0.000006 | 1/24/24 | QC70834 | MBN |
| Chromium   | ND mg/L     | EPA 200.8 | 0.0150 | 0.00015  | 1/24/24 | QC70834 | MBN |
| Cobalt     | ND mg/L     | EPA 200.8 | 0.0020 | 0.00005  | 1/24/24 | QC70834 | MBN |
| Copper     | ND mg/L     | EPA 200.8 | 0.0080 | 0.00001  | 1/24/24 | QC70834 | MBN |
| Lead       | ND mg/L     | EPA 200.8 | 0.0010 | 0.000006 | 1/24/24 | QC70834 | MBN |
| Manganese  | 0.0991 mg/L | EPA 200.8 | 0.0080 | 0.00001  | 1/24/24 | QC70834 | MBN |
| Molybdenum | 0.0058 mg/L | EPA 200.8 | 0.0050 | 0.00005  | 1/24/24 | QC70834 | MBN |
| Nickel     | ND mg/L     | EPA 200.8 | 0.0090 | 0.00005  | 1/24/24 | QC70834 | MBN |
| Selenium   | 0.0108 mg/L | EPA 200.8 | 0.0080 | 0.00008  | 1/24/24 | QC70834 | MBN |
| Silver     | ND mg/L     | EPA 200.8 | 0.0050 | 0.000003 | 1/24/24 | QC70834 | MBN |

### Abbreviations/ References:

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MDL = Method Detection Limit

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Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.

(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

**10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313**

**Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507**

## Analytical Results

**TASK NO: 240118065**

**Report To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240118065  
**Client PO:**  
**Client Project:** 23.3048

**Date Received:** 1/18/24  
**Date Reported:** 1/26/24  
**Matrix:** Water - Ground

**Customer Sample ID** MW-2  
**Sample Date/Time:** 1/18/24 9:40 AM  
**Lab Number:** 240118065-02

| Test             | Result / Units | Method    | RL     | MDL      | Date Analyzed | QC Batch ID | Analyzed By |
|------------------|----------------|-----------|--------|----------|---------------|-------------|-------------|
| <u>Dissolved</u> |                |           |        |          |               |             |             |
| Thallium         | ND mg/L        | EPA 200.8 | 0.0020 | 0.000003 | 1/24/24       | QC70834     | MBN         |
| Uranium          | 0.0252 mg/L    | EPA 200.8 | 0.0020 | 0.000002 | 1/24/24       | QC70834     | MBN         |
| Vanadium         | ND mg/L        | EPA 200.8 | 0.010  | 0.0001   | 1/24/24       | QC70834     | MBN         |
| Zinc             | ND mg/L        | EPA 200.8 | 0.010  | 0.00003  | 1/24/24       | QC70834     | MBN         |
| Boron            | 0.16 mg/L      | EPA 200.7 | 0.05   | 0.01     | 1/23/24       | QC70797     | MBN         |
| Iron             | ND mg/L        | EPA 200.7 | 0.005  | 0.0005   | 1/23/24       | QC70797     | MBN         |

### Abbreviations/ References:

RL = Reporting Limit = Minimum Level  
MDL = Method Detection Limit  
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Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.  
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## Analytical Results

**TASK NO: 240118065**

**Report To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240118065

**Client PO:**

**Client Project:** 23.3048

**Date Received:** 1/18/24

**Date Reported:** 1/26/24

**Matrix:** Water - Ground

**Customer Sample ID** MW-3

**Sample Date/Time:** 1/18/24 10:15 AM

**Lab Number:** 240118065-03

| Test                      | Result / Units | Method        | RL    | MDL    | Date Analyzed | QC Batch ID | Analyzed By |
|---------------------------|----------------|---------------|-------|--------|---------------|-------------|-------------|
| Chloride                  | 74.1 mg/L      | EPA 300.0     | 1.00  | 0.007  | 1/18/24       | QC70728     | AMJ         |
| Chromium - Hexavalent     | ND mg/L        | SM 3500-Cr B  | 0.02  | 0.01   | 1/23/24       | QC70804     | AMJ         |
| Cyanide-Free              | ND mg/L        | ASTM D4282-15 | 0.005 | 0.0005 | 1/22/24       | QC70763     | JCB         |
| Fluoride                  | 0.71 mg/L      | EPA 300.0     | 0.10  | 0.024  | 1/18/24       | QC70729     | AMJ         |
| Nitrate Nitrogen          | ND mg/L        | EPA 300.0     | 0.05  | 0.02   | 1/18/24       | QC70730     | AMJ         |
| Nitrate/ Nitrite Nitrogen | ND mg/L        | Calculation   | 0.05  | 0.02   | 1/19/24       | -           | AMJ         |
| Nitrite Nitrogen          | ND mg/L        | EPA 300.0     | 0.03  | 0.01   | 1/18/24       | QC70731     | AMJ         |
| Sulfate                   | 610 mg/L       | EPA 300.0     | 1.00  | 0.012  | 1/18/24       | QC70732     | AMJ         |
| Total Coliform            | ND mpn/100ml   | SM 9221-B     | 10    | 1      | 1/19/24       | -           | AMJ         |

### Dissolved

|            |             |           |        |          |         |         |     |
|------------|-------------|-----------|--------|----------|---------|---------|-----|
| Aluminum   | 0.020 mg/L  | EPA 200.8 | 0.010  | 0.00003  | 1/24/24 | QC70834 | MBN |
| Antimony   | ND mg/L     | EPA 200.8 | 0.0120 | 0.00012  | 1/24/24 | QC70834 | MBN |
| Arsenic    | ND mg/L     | EPA 200.8 | 0.0060 | 0.00006  | 1/24/24 | QC70834 | MBN |
| Barium     | 0.0480 mg/L | EPA 200.8 | 0.0070 | 0.00007  | 1/24/24 | QC70834 | MBN |
| Beryllium  | ND mg/L     | EPA 200.8 | 0.0010 | 0.000008 | 1/24/24 | QC70834 | MBN |
| Cadmium    | ND mg/L     | EPA 200.8 | 0.0010 | 0.000006 | 1/24/24 | QC70834 | MBN |
| Chromium   | ND mg/L     | EPA 200.8 | 0.0150 | 0.00015  | 1/24/24 | QC70834 | MBN |
| Cobalt     | ND mg/L     | EPA 200.8 | 0.0020 | 0.00005  | 1/24/24 | QC70834 | MBN |
| Copper     | ND mg/L     | EPA 200.8 | 0.0080 | 0.00001  | 1/24/24 | QC70834 | MBN |
| Lead       | ND mg/L     | EPA 200.8 | 0.0010 | 0.000006 | 1/24/24 | QC70834 | MBN |
| Manganese  | 0.3058 mg/L | EPA 200.8 | 0.0080 | 0.00001  | 1/24/24 | QC70834 | MBN |
| Molybdenum | ND mg/L     | EPA 200.8 | 0.0050 | 0.00005  | 1/24/24 | QC70834 | MBN |
| Nickel     | ND mg/L     | EPA 200.8 | 0.0090 | 0.00005  | 1/24/24 | QC70834 | MBN |
| Selenium   | ND mg/L     | EPA 200.8 | 0.0080 | 0.00008  | 1/24/24 | QC70834 | MBN |
| Silver     | ND mg/L     | EPA 200.8 | 0.0050 | 0.000003 | 1/24/24 | QC70834 | MBN |

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Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.

(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

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## Analytical Results

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**Report To:** Ken Coulson

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3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240118065  
**Client PO:**  
**Client Project:** 23.3048

**Date Received:** 1/18/24  
**Date Reported:** 1/26/24  
**Matrix:** Water - Ground

**Customer Sample ID** MW-3  
**Sample Date/Time:** 1/18/24 10:15 AM  
**Lab Number:** 240118065-03

| Test             | Result / Units | Method    | RL     | MDL      | Date Analyzed | QC Batch ID | Analyzed By |
|------------------|----------------|-----------|--------|----------|---------------|-------------|-------------|
| <u>Dissolved</u> |                |           |        |          |               |             |             |
| Thallium         | ND mg/L        | EPA 200.8 | 0.0020 | 0.000003 | 1/24/24       | QC70834     | MBN         |
| Uranium          | 0.0329 mg/L    | EPA 200.8 | 0.0020 | 0.000002 | 1/24/24       | QC70834     | MBN         |
| Vanadium         | ND mg/L        | EPA 200.8 | 0.010  | 0.0001   | 1/24/24       | QC70834     | MBN         |
| Zinc             | ND mg/L        | EPA 200.8 | 0.010  | 0.00003  | 1/24/24       | QC70834     | MBN         |
| Boron            | ND mg/L        | EPA 200.7 | 0.05   | 0.01     | 1/23/24       | QC70797     | MBN         |
| Iron             | 0.020 mg/L     | EPA 200.7 | 0.005  | 0.0005   | 1/23/24       | QC70797     | MBN         |

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**Client Project:** 23.3048

**Date Received:** 1/18/24

**Date Reported:** 1/26/24

**Matrix:** Water - Ground

**Customer Sample ID** MW-4

**Sample Date/Time:** 1/18/24 11:15 AM

**Lab Number:** 240118065-04

| Test                      | Result / Units | Method        | RL    | MDL    | Date Analyzed | QC Batch ID | Analyzed By |
|---------------------------|----------------|---------------|-------|--------|---------------|-------------|-------------|
| Chloride                  | 70.4 mg/L      | EPA 300.0     | 1.00  | 0.007  | 1/18/24       | QC70728     | AMJ         |
| Chromium - Hexavalent     | ND mg/L        | SM 3500-Cr B  | 0.02  | 0.01   | 1/23/24       | QC70804     | AMJ         |
| Cyanide-Free              | ND mg/L        | ASTM D4282-15 | 0.005 | 0.0005 | 1/22/24       | QC70763     | JCB         |
| Fluoride                  | 0.24 mg/L      | EPA 300.0     | 0.10  | 0.024  | 1/18/24       | QC70729     | AMJ         |
| Nitrate Nitrogen          | 0.08 mg/L      | EPA 300.0     | 0.05  | 0.02   | 1/18/24       | QC70730     | AMJ         |
| Nitrate/ Nitrite Nitrogen | 0.08 mg/L      | Calculation   | 0.05  | 0.02   | 1/19/24       | -           | AMJ         |
| Nitrite Nitrogen          | ND mg/L        | EPA 300.0     | 0.03  | 0.01   | 1/18/24       | QC70731     | AMJ         |
| Sulfate                   | 1020 mg/L      | EPA 300.0     | 1.00  | 0.012  | 1/18/24       | QC70732     | AMJ         |
| Total Coliform            | ND mpn/100ml   | SM 9221-B     | 10    | 1      | 1/19/24       | -           | AMJ         |

### Dissolved

|            |             |           |        |          |         |         |     |
|------------|-------------|-----------|--------|----------|---------|---------|-----|
| Aluminum   | ND mg/L     | EPA 200.8 | 0.010  | 0.00003  | 1/25/24 | QC70834 | MBN |
| Antimony   | ND mg/L     | EPA 200.8 | 0.0120 | 0.00012  | 1/25/24 | QC70834 | MBN |
| Arsenic    | ND mg/L     | EPA 200.8 | 0.0060 | 0.00006  | 1/25/24 | QC70834 | MBN |
| Barium     | 0.0328 mg/L | EPA 200.8 | 0.0070 | 0.00007  | 1/25/24 | QC70834 | MBN |
| Beryllium  | ND mg/L     | EPA 200.8 | 0.0010 | 0.000008 | 1/25/24 | QC70834 | MBN |
| Cadmium    | ND mg/L     | EPA 200.8 | 0.0010 | 0.000006 | 1/25/24 | QC70834 | MBN |
| Chromium   | ND mg/L     | EPA 200.8 | 0.0150 | 0.00015  | 1/25/24 | QC70834 | MBN |
| Cobalt     | ND mg/L     | EPA 200.8 | 0.0020 | 0.00005  | 1/25/24 | QC70834 | MBN |
| Copper     | ND mg/L     | EPA 200.8 | 0.0080 | 0.00001  | 1/25/24 | QC70834 | MBN |
| Lead       | ND mg/L     | EPA 200.8 | 0.0010 | 0.000006 | 1/25/24 | QC70834 | MBN |
| Manganese  | 1.03 mg/L   | EPA 200.8 | 0.0080 | 0.00001  | 1/25/24 | QC70834 | MBN |
| Molybdenum | ND mg/L     | EPA 200.8 | 0.0050 | 0.00005  | 1/25/24 | QC70834 | MBN |
| Nickel     | ND mg/L     | EPA 200.8 | 0.0090 | 0.00005  | 1/25/24 | QC70834 | MBN |
| Selenium   | ND mg/L     | EPA 200.8 | 0.0080 | 0.00008  | 1/25/24 | QC70834 | MBN |
| Silver     | ND mg/L     | EPA 200.8 | 0.0050 | 0.000003 | 1/25/24 | QC70834 | MBN |

### Abbreviations/ References:

RL = Reporting Limit = Minimum Level

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Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.

(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

**10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313**

**Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507**

## Analytical Results

**TASK NO: 240118065**

**Report To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240118065  
**Client PO:**  
**Client Project:** 23.3048

**Date Received:** 1/18/24  
**Date Reported:** 1/26/24  
**Matrix:** Water - Ground

**Customer Sample ID** MW-4

**Sample Date/Time:** 1/18/24 11:15 AM

**Lab Number:** 240118065-04

| Test             | Result / Units | Method    | RL     | MDL      | Date Analyzed | QC Batch ID | Analyzed By |
|------------------|----------------|-----------|--------|----------|---------------|-------------|-------------|
| <u>Dissolved</u> |                |           |        |          |               |             |             |
| Thallium         | 0.0045 mg/L    | EPA 200.8 | 0.0020 | 0.000003 | 1/25/24       | QC70834     | MBN         |
| Uranium          | 0.0445 mg/L    | EPA 200.8 | 0.0020 | 0.000002 | 1/25/24       | QC70834     | MBN         |
| Vanadium         | ND mg/L        | EPA 200.8 | 0.010  | 0.0001   | 1/25/24       | QC70834     | MBN         |
| Zinc             | ND mg/L        | EPA 200.8 | 0.010  | 0.00003  | 1/25/24       | QC70834     | MBN         |
| Boron            | 0.11 mg/L      | EPA 200.7 | 0.05   | 0.01     | 1/23/24       | QC70797     | MBN         |
| Iron             | ND mg/L        | EPA 200.7 | 0.005  | 0.0005   | 1/23/24       | QC70797     | MBN         |

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mpn/100 mls = Most Probable Number Index/ 100 mls

Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.

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**Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507**

## Analytical Results

**TASK NO: 240118065**

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**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240118065

**Client PO:**

**Client Project:** 23.3048

**Date Received:** 1/18/24

**Date Reported:** 1/26/24

**Matrix:** Water - Ground

**Customer Sample ID** MW-5

**Sample Date/Time:** 1/18/24 10:45 AM

**Lab Number:** 240118065-05

| Test                      | Result / Units | Method        | RL    | MDL    | Date Analyzed | QC Batch ID | Analyzed By |
|---------------------------|----------------|---------------|-------|--------|---------------|-------------|-------------|
| Chloride                  | 49.3 mg/L      | EPA 300.0     | 1.00  | 0.007  | 1/18/24       | QC70728     | AMJ         |
| Chromium - Hexavalent     | ND mg/L        | SM 3500-Cr B  | 0.02  | 0.01   | 1/23/24       | QC70804     | AMJ         |
| Cyanide-Free              | ND mg/L        | ASTM D4282-15 | 0.005 | 0.0005 | 1/22/24       | QC70763     | JCB         |
| Fluoride                  | 0.50 mg/L      | EPA 300.0     | 0.10  | 0.024  | 1/18/24       | QC70729     | AMJ         |
| Nitrate Nitrogen          | ND mg/L        | EPA 300.0     | 0.05  | 0.02   | 1/18/24       | QC70730     | AMJ         |
| Nitrate/ Nitrite Nitrogen | ND mg/L        | Calculation   | 0.05  | 0.02   | 1/19/24       | -           | AMJ         |
| Nitrite Nitrogen          | ND mg/L        | EPA 300.0     | 0.03  | 0.01   | 1/18/24       | QC70731     | AMJ         |
| Sulfate                   | 576 mg/L       | EPA 300.0     | 1.00  | 0.012  | 1/18/24       | QC70732     | AMJ         |
| Total Coliform            | ND mpn/100ml   | SM 9221-B     | 10    | 1      | 1/19/24       | -           | AMJ         |

### Dissolved

|            |             |           |        |          |         |         |     |
|------------|-------------|-----------|--------|----------|---------|---------|-----|
| Aluminum   | ND mg/L     | EPA 200.8 | 0.010  | 0.00003  | 1/25/24 | QC70834 | MBN |
| Antimony   | ND mg/L     | EPA 200.8 | 0.0120 | 0.00012  | 1/25/24 | QC70834 | MBN |
| Arsenic    | ND mg/L     | EPA 200.8 | 0.0060 | 0.00006  | 1/25/24 | QC70834 | MBN |
| Barium     | 0.0778 mg/L | EPA 200.8 | 0.0070 | 0.00007  | 1/25/24 | QC70834 | MBN |
| Beryllium  | ND mg/L     | EPA 200.8 | 0.0010 | 0.000008 | 1/25/24 | QC70834 | MBN |
| Cadmium    | ND mg/L     | EPA 200.8 | 0.0010 | 0.000006 | 1/25/24 | QC70834 | MBN |
| Chromium   | ND mg/L     | EPA 200.8 | 0.0150 | 0.00015  | 1/25/24 | QC70834 | MBN |
| Cobalt     | ND mg/L     | EPA 200.8 | 0.0020 | 0.00005  | 1/25/24 | QC70834 | MBN |
| Copper     | ND mg/L     | EPA 200.8 | 0.0080 | 0.00001  | 1/25/24 | QC70834 | MBN |
| Lead       | ND mg/L     | EPA 200.8 | 0.0010 | 0.000006 | 1/25/24 | QC70834 | MBN |
| Manganese  | 0.8392 mg/L | EPA 200.8 | 0.0080 | 0.00001  | 1/25/24 | QC70834 | MBN |
| Molybdenum | ND mg/L     | EPA 200.8 | 0.0050 | 0.00005  | 1/25/24 | QC70834 | MBN |
| Nickel     | ND mg/L     | EPA 200.8 | 0.0090 | 0.00005  | 1/25/24 | QC70834 | MBN |
| Selenium   | ND mg/L     | EPA 200.8 | 0.0080 | 0.00008  | 1/25/24 | QC70834 | MBN |
| Silver     | ND mg/L     | EPA 200.8 | 0.0050 | 0.000003 | 1/25/24 | QC70834 | MBN |

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Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.

(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

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**Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507**

## Analytical Results

**TASK NO: 240118065**

**Report To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240118065  
**Client PO:**  
**Client Project:** 23.3048

**Date Received:** 1/18/24  
**Date Reported:** 1/26/24  
**Matrix:** Water - Ground

**Customer Sample ID** MW-5  
**Sample Date/Time:** 1/18/24 10:45 AM  
**Lab Number:** 240118065-05

| Test             | Result / Units | Method    | RL     | MDL      | Date Analyzed | QC Batch ID | Analyzed By |
|------------------|----------------|-----------|--------|----------|---------------|-------------|-------------|
| <u>Dissolved</u> |                |           |        |          |               |             |             |
| Thallium         | ND mg/L        | EPA 200.8 | 0.0020 | 0.000003 | 1/25/24       | QC70834     | MBN         |
| Uranium          | 0.0092 mg/L    | EPA 200.8 | 0.0020 | 0.000002 | 1/25/24       | QC70834     | MBN         |
| Vanadium         | ND mg/L        | EPA 200.8 | 0.010  | 0.0001   | 1/25/24       | QC70834     | MBN         |
| Zinc             | ND mg/L        | EPA 200.8 | 0.010  | 0.00003  | 1/25/24       | QC70834     | MBN         |
| Boron            | ND mg/L        | EPA 200.7 | 0.05   | 0.01     | 1/23/24       | QC70797     | MBN         |
| Iron             | ND mg/L        | EPA 200.7 | 0.005  | 0.0005   | 1/23/24       | QC70797     | MBN         |

### Abbreviations/ References:

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Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.  
(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

## Analytical QC Summary

**TASK NO: 240118065**

**Report To:** Ken Coulson  
**Company:** Coulson Excavating

**Receive Date:** 1/18/24  
**Project Name:** 23.3048

| Test                  | QC Batch ID | QC Type      | Result | Method        | Prep Date |
|-----------------------|-------------|--------------|--------|---------------|-----------|
| Chloride              | QC70728     | Blank        | ND     | EPA 300.0     | 1/18/24   |
| Chromium - Hexavalent | QC70804     | Blank        | ND     | SM 3500-Cr B  | 1/23/24   |
| Cyanide-Free          | QC70763     | Blank        | ND     | ASTM D4282-15 | 1/22/24   |
| Fluoride              | QC70729     | Blank        | ND     | EPA 300.0     | 1/18/24   |
| Aluminum              | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Antimony              | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Arsenic               | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Barium                | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Beryllium             | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Cadmium               | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Chromium              | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Cobalt                | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Copper                | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Lead                  | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Manganese             | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Molybdenum            | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Nickel                | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Selenium              | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Silver                | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Thallium              | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Uranium               | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Vanadium              | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Zinc                  | QC70834     | Method Blank | ND     | EPA 200.8     | 1/18/24   |
| Boron                 | QC70797     | Method Blank | ND     | EPA 200.7     | 1/18/24   |
| Iron                  | QC70797     | Method Blank | ND     | EPA 200.7     | 1/18/24   |
| Nitrate Nitrogen      | QC70730     | Blank        | ND     | EPA 300.0     | 1/18/24   |
| Nitrite Nitrogen      | QC70731     | Blank        | ND     | EPA 300.0     | 1/18/24   |
| Sulfate               | QC70732     | Blank        | ND     | EPA 300.0     | 1/18/24   |

| Test                  | QC Batch ID | QC Type   | Limits   | % Rec | RPD | Method        |
|-----------------------|-------------|-----------|----------|-------|-----|---------------|
| Chloride              | QC70728     | Duplicate | 0 - 20   | -     | 0.6 | EPA 300.0     |
|                       |             | LCS       | 90 - 110 | 104.7 | -   |               |
|                       |             | MS        | 75 - 125 | 104.5 | -   |               |
| Chromium - Hexavalent | QC70804     | Duplicate | 0 - 20   | -     | 0.0 | SM 3500-Cr B  |
|                       |             | LCS       | 90 - 110 | 100.9 | -   |               |
| Cyanide-Free          | QC70763     | Duplicate | 0 - 20   | -     | 0.0 | ASTM D4282-15 |
|                       |             | LCS       | 90 - 110 | 98.3  | -   |               |
|                       |             | MS        | 75 - 125 | 102.0 | -   |               |
|                       |             | MSD       | 0 - 30   | -     | 0.0 |               |
| Fluoride              | QC70729     | Duplicate | 0 - 20   | -     | 2.0 | EPA 300.0     |
|                       |             | LCS       | 90 - 110 | 95.1  | -   |               |
|                       |             | MS        | 75 - 125 | 96.9  | -   |               |

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mpn/100 mls = Most Probable Number Index/ 100 mls  
Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.  
(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

| Test       | QC Batch ID | QC Type | Limits   | % Rec | RPD | Method    |
|------------|-------------|---------|----------|-------|-----|-----------|
| Aluminum   | QC70834     | LCS     | 90 - 110 | 100.4 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 97.2  | -   |           |
|            |             | MSD     | 0 - 10   | -     | 3.5 |           |
| Antimony   | QC70834     | LCS     | 90 - 110 | 109.0 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 89.5  | -   |           |
|            |             | MSD     | 0 - 10   | -     | 0.2 |           |
| Arsenic    | QC70834     | LCS     | 90 - 110 | 102.8 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 90.3  | -   |           |
|            |             | MSD     | 0 - 10   | -     | 4.4 |           |
| Barium     | QC70834     | LCS     | 90 - 110 | 102.9 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 104.6 | -   |           |
|            |             | MSD     | 0 - 10   | -     | 0.6 |           |
| Beryllium  | QC70834     | LCS     | 90 - 110 | 104.4 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 88.3  | -   |           |
|            |             | MSD     | 0 - 10   | -     | 8.9 |           |
| Cadmium    | QC70834     | LCS     | 90 - 110 | 101.2 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 90.0  | -   |           |
|            |             | MSD     | 0 - 10   | -     | 0.4 |           |
| Chromium   | QC70834     | LCS     | 90 - 110 | 103.7 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 101.1 | -   |           |
|            |             | MSD     | 0 - 10   | -     | 0.9 |           |
| Cobalt     | QC70834     | LCS     | 90 - 110 | 105.0 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 96.4  | -   |           |
|            |             | MSD     | 0 - 10   | -     | 0.2 |           |
| Copper     | QC70834     | LCS     | 90 - 110 | 99.9  | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 104.7 | -   |           |
|            |             | MSD     | 0 - 10   | -     | 0.4 |           |
| Lead       | QC70834     | LCS     | 90 - 110 | 105.0 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 88.9  | -   |           |
|            |             | MSD     | 0 - 10   | -     | 6.7 |           |
| Manganese  | QC70834     | LCS     | 90 - 110 | 106.2 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 92.1  | -   |           |
|            |             | MSD     | 0 - 10   | -     | 3.9 |           |
| Molybdenum | QC70834     | LCS     | 90 - 110 | 102.4 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 100.1 | -   |           |
|            |             | MSD     | 0 - 10   | -     | 0.9 |           |
| Nickel     | QC70834     | LCS     | 90 - 110 | 104.2 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 96.2  | -   |           |
|            |             | MSD     | 0 - 10   | -     | 1.1 |           |
| Selenium   | QC70834     | LCS     | 90 - 110 | 103.5 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 96.6  | -   |           |
|            |             | MSD     | 0 - 10   | -     | 1.3 |           |
| Silver     | QC70834     | LCS     | 90 - 110 | 98.5  | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 91.4  | -   |           |
|            |             | MSD     | 0 - 10   | -     | 1.0 |           |
| Thallium   | QC70834     | LCS     | 90 - 110 | 103.8 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 89.0  | -   |           |
|            |             | MSD     | 0 - 10   | -     | 8.2 |           |
| Uranium    | QC70834     | LCS     | 90 - 110 | 104.3 | -   | EPA 200.8 |
|            |             | MS      | 70 - 130 | 85.5  | -   |           |
|            |             | MSD     | 0 - 10   | -     | 5.7 |           |

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Date Analyzed = Date Test Completed

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ND = Not Detected at Reporting Limit.

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**Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507**

| Test             | QC Batch ID | QC Type   | Limits   | % Rec | RPD  | Method    |
|------------------|-------------|-----------|----------|-------|------|-----------|
| Vanadium         | QC70834     | LCS       | 90 - 110 | 104.3 | -    | EPA 200.8 |
|                  |             | MS        | 70 - 130 | 102.9 | -    |           |
|                  |             | MSD       | 0 - 10   | -     | 2.3  |           |
| Zinc             | QC70834     | LCS       | 90 - 110 | 104.6 | -    | EPA 200.8 |
|                  |             | MS        | 70 - 130 | 103.7 | -    |           |
|                  |             | MSD       | 0 - 10   | -     | 2.5  |           |
| Boron            | QC70797     | Duplicate | 0 - 20   | -     | 13.3 | EPA 200.7 |
|                  |             | LCS       | 90 - 110 | 97.9  | -    |           |
|                  |             | MS        | 75 - 125 | 99.9  | -    |           |
| Iron             | QC70797     | Duplicate | 0 - 20   | -     | 3.3  | EPA 200.7 |
|                  |             | LCS       | 90 - 110 | 103.3 | -    |           |
|                  |             | MS        | 75 - 125 | 96.2  | -    |           |
| Nitrate Nitrogen | QC70730     | Duplicate | 0 - 20   | -     | 0.6  | EPA 300.0 |
|                  |             | LCS       | 90 - 110 | 100.6 | -    |           |
|                  |             | MS        | 75 - 125 | 91.7  | -    |           |
| Nitrite Nitrogen | QC70731     | Duplicate | 0 - 20   | -     | 0.0  | EPA 300.0 |
|                  |             | LCS       | 90 - 110 | 92.9  | -    |           |
|                  |             | MS        | 75 - 125 | 97.4  | -    |           |
| Sulfate          | QC70732     | Duplicate | 0 - 20   | -     | 1.3  | EPA 300.0 |
|                  |             | LCS       | 90 - 110 | 106.8 | -    |           |
|                  |             | MS        | 75 - 125 | 124.5 | -    |           |

All analyses were performed in accordance with approved methods under the latest revision to 40 CFR Part 136 unless otherwise identified. Based on my inquiry of the person or persons directly responsible for analyzing the wastewater samples and generating the report (s), the analyses, report, and information submitted are, to the best of my knowledge and belief, true, accurate, and complete.



DATA APPROVED FOR RELEASE BY

#### Abbreviations/ References:

RL = Reporting Limit = Minimum Level  
MDL = Method Detection Limit  
mg/L = Milligrams Per Liter or PPM  
ug/L = Micrograms Per Liter or PPB  
mpn/100 mls = Most Probable Number Index/ 100 mls  
Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.  
(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313

Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507



Commerce City Lab  
10411 Heinz Way  
Commerce City CO 80640  
Lakewood Service Center  
610 Garrison Street, Unit E  
Lakewood CO 80215  
Phone: 303-659-2313  
[www.coloradolab.com](http://www.coloradolab.com)

## Chain of Custody Form

|                                                      |  |                                                          |  |                                      |
|------------------------------------------------------|--|----------------------------------------------------------|--|--------------------------------------|
| <b>Report To Information</b>                         |  | <b>Bill To Information (If different from report to)</b> |  | <b>Project Name / Number</b>         |
| Company Name: <u>PETER WAYLAND &amp;</u>             |  | Company Name: <u>COULSON EXCAVATING</u>                  |  | <u>CMT's # = 23.3048</u>             |
| Contact Name: <u>WEILAND, INC., &amp;</u>            |  | Contact Name: <u>KEN COULSON</u>                         |  |                                      |
| Address: <u>P.O. BOX 18087</u>                       |  | Address: <u>3609 NCL 13</u>                              |  | <b>Task Number</b><br>(Lab Use Only) |
| City <u>BOULDER</u> State <u>CO</u> Zip <u>80308</u> |  | City <u>LOUISIANA</u> State <u>LA</u> Zip <u>70513</u>   |  | <b>CAL Task</b>                      |
| Phone: <u>303.518.2182</u>                           |  | Phone: <u>970.617.2176</u>                               |  | <b>240118065</b>                     |
| Email: <u>PWAYLAND@WEILANDINC.COM</u>                |  | Email:                                                   |  | <b>RMB</b>                           |
| Sample Collector: <u>JAY EDWARDS (CMT)</u>           |  |                                                          |  |                                      |
| Sample Collector Phone: <u>720.413.7943</u>          |  | <b>PO No.:</b>                                           |  |                                      |

| Sample Matrix (Select One Only)                  |                               |                                         | No. of Containers                                                                                                                         | Grab or (Check One Only) Composite | Tests Requested |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------|-------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|--|--|--|--|--|--|--|--|--|--|--|
| Waste Water <input type="checkbox"/>             | Soil <input type="checkbox"/> | Drinking Water <input type="checkbox"/> |                                                                                                                                           |                                    |                 |  |  |  |  |  |  |  |  |  |  |  |
| Ground Water <input checked="" type="checkbox"/> |                               |                                         |                                                                                                                                           |                                    |                 |  |  |  |  |  |  |  |  |  |  |  |
| Surface Water <input type="checkbox"/>           |                               |                                         |                                                                                                                                           |                                    |                 |  |  |  |  |  |  |  |  |  |  |  |
| Date                                             | Time                          | Sample ID                               |                                                                                                                                           |                                    |                 |  |  |  |  |  |  |  |  |  |  |  |
| 1/18                                             | 9:00                          | MW-1                                    | Attachment                                                                                                                                |                                    |                 |  |  |  |  |  |  |  |  |  |  |  |
| 1/18                                             | 9:40                          | MW-2                                    |                                                                                                                                           |                                    |                 |  |  |  |  |  |  |  |  |  |  |  |
| 1/18                                             | 10:15                         | MW-3                                    |                                                                                                                                           |                                    |                 |  |  |  |  |  |  |  |  |  |  |  |
| 1/18                                             | 11:15                         | MW-4                                    |                                                                                                                                           |                                    |                 |  |  |  |  |  |  |  |  |  |  |  |
| 1/18                                             | 10:45                         | MW-5                                    |                                                                                                                                           |                                    |                 |  |  |  |  |  |  |  |  |  |  |  |
| Instructions: <u>SEE OTHER PAGE</u>              |                               |                                         | Seals Present Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                    |                                    |                 |  |  |  |  |  |  |  |  |  |  |  |
| Relinquished By: <u>JBE</u>                      |                               |                                         | C/S Charge <input type="checkbox"/> Temp. <u>8</u> °C/°F Sample Pres. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                                    |                 |  |  |  |  |  |  |  |  |  |  |  |
| Date/Time: <u>1/18 14:07</u>                     |                               |                                         | Received By: <u>RMB</u> Date/Time: <u>1/18/24</u>                                                                                         |                                    |                 |  |  |  |  |  |  |  |  |  |  |  |

## Analytical Results

**TASK NO: 240718075**

**Report To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240718075  
**Client PO:** PAID CC  
**Client Project:** 23.3048

**Date Received:** 7/18/24  
**Date Reported:** 7/26/24  
**Matrix:** Water - Ground

**Customer Sample ID** MW-1  
**Sample Date/Time:** 7/18/24 10:40 AM  
**Lab Number:** 240718075-01

| Test                      | Result / Units | Method        | RL    | MDL    | Date Analyzed | QC Batch ID | Analyzed By |
|---------------------------|----------------|---------------|-------|--------|---------------|-------------|-------------|
| Chloride                  | 48.4 mg/L      | EPA 300.0     | 1.00  | 0.007  | 7/19/24       | QC74863     | AMJ         |
| Chromium - Hexavalent     | ND mg/L        | SM 3500-Cr B  | 0.02  | 0.01   | 7/25/24       | QC74995     | AMJ         |
| Cyanide-Free              | ND mg/L        | ASTM D4282-15 | 0.005 | 0.0005 | 7/24/24       | QC74946     | KRB         |
| Fluoride                  | 0.96 mg/L      | EPA 300.0     | 0.10  | 0.024  | 7/19/24       | QC74864     | AMJ         |
| Nitrate Nitrogen          | 8.65 mg/L      | EPA 300.0     | 0.05  | 0.02   | 7/19/24       | QC74865     | AMJ         |
| Nitrate/ Nitrite Nitrogen | 9.13 mg/L      | Calculation   | 0.05  | 0.02   | 7/19/24       | -           | AMJ         |
| Nitrite Nitrogen          | 0.48 mg/L      | EPA 300.0     | 0.03  | 0.01   | 7/19/24       | QC74868     | AMJ         |
| Sulfate                   | 307 mg/L       | EPA 300.0     | 1.00  | 0.012  | 7/19/24       | QC74866     | AMJ         |
| Total Coliform            | 2420 mpn/100ml | SM 9221-B     | 1     | 1      | 7/19/24       | -           | DJL         |

### Dissolved

|                      |             |             |        |          |         |         |     |
|----------------------|-------------|-------------|--------|----------|---------|---------|-----|
| Chromium - Trivalent | ND mg/L     | Calculation | 0.02   | 0.01     | 7/24/24 | -       | MBN |
| Mercury              | ND mg/L     | EPA 245.7   | 0.0002 | 0.00002  | 7/25/24 | QC75001 | JJA |
| Aluminum             | 0.003 mg/L  | EPA 200.8   | 0.001  | 0.00003  | 7/24/24 | QC74900 | MBN |
| Antimony             | ND mg/L     | EPA 200.8   | 0.0012 | 0.00012  | 7/24/24 | QC74900 | MBN |
| Arsenic              | ND mg/L     | EPA 200.8   | 0.0006 | 0.00006  | 7/24/24 | QC74900 | MBN |
| Barium               | 0.0271 mg/L | EPA 200.8   | 0.0007 | 0.00007  | 7/24/24 | QC74900 | MBN |
| Beryllium            | ND mg/L     | EPA 200.8   | 0.0001 | 0.000008 | 7/24/24 | QC74900 | MBN |
| Cadmium              | ND mg/L     | EPA 200.8   | 0.0001 | 0.000006 | 7/24/24 | QC74900 | MBN |
| Chromium             | ND mg/L     | EPA 200.8   | 0.0015 | 0.00015  | 7/24/24 | QC74900 | MBN |
| Cobalt               | 0.0003 mg/L | EPA 200.8   | 0.0002 | 0.00005  | 7/24/24 | QC74900 | MBN |
| Copper               | 0.0027 mg/L | EPA 200.8   | 0.0008 | 0.00001  | 7/24/24 | QC74900 | MBN |
| Lead                 | ND mg/L     | EPA 200.8   | 0.0001 | 0.000006 | 7/24/24 | QC74900 | MBN |
| Manganese            | 0.1201 mg/L | EPA 200.8   | 0.0008 | 0.00001  | 7/24/24 | QC74900 | MBN |
| Molybdenum           | 0.0038 mg/L | EPA 200.8   | 0.0005 | 0.00005  | 7/24/24 | QC74900 | MBN |
| Nickel               | 0.0018 mg/L | EPA 200.8   | 0.0009 | 0.00005  | 7/24/24 | QC74900 | MBN |

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Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.  
(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

## Analytical Results

**TASK NO: 240718075**

**Report To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240718075  
**Client PO:** PAID CC  
**Client Project:** 23.3048

**Date Received:** 7/18/24  
**Date Reported:** 7/26/24  
**Matrix:** Water - Ground

**Customer Sample ID** MW-1  
**Sample Date/Time:** 7/18/24 10:40 AM  
**Lab Number:** 240718075-01

| Test             | Result / Units | Method    | RL     | MDL      | Date Analyzed | QC Batch ID | Analyzed By |
|------------------|----------------|-----------|--------|----------|---------------|-------------|-------------|
| <u>Dissolved</u> |                |           |        |          |               |             |             |
| Selenium         | 0.0058 mg/L    | EPA 200.8 | 0.0008 | 0.00008  | 7/24/24       | QC74900     | MBN         |
| Silver           | ND mg/L        | EPA 200.8 | 0.0005 | 0.000003 | 7/24/24       | QC74900     | MBN         |
| Thallium         | ND mg/L        | EPA 200.8 | 0.0002 | 0.000003 | 7/24/24       | QC74900     | MBN         |
| Uranium          | 0.0191 mg/L    | EPA 200.8 | 0.0002 | 0.000002 | 7/24/24       | QC74900     | MBN         |
| Vanadium         | 0.001 mg/L     | EPA 200.8 | 0.001  | 0.0001   | 7/24/24       | QC74900     | MBN         |
| Zinc             | 0.004 mg/L     | EPA 200.8 | 0.001  | 0.00003  | 7/24/24       | QC74900     | MBN         |
| Boron            | 0.31 mg/L      | EPA 200.7 | 0.05   | 0.01     | 7/22/24       | QC74874     | JJA         |
| Iron             | ND mg/L        | EPA 200.7 | 0.005  | 0.0005   | 7/22/24       | QC74874     | JJA         |

*Ammonium Sulfate buffer solution added upon arrival to laboratory to extend Hex-Cr hold time to 28 days.*

### Abbreviations/ References:

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## Analytical Results

**TASK NO: 240718075**

**Report To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240718075  
**Client PO:** PAID CC  
**Client Project:** 23.3048

**Date Received:** 7/18/24  
**Date Reported:** 7/26/24  
**Matrix:** Water - Ground

**Customer Sample ID** MW-3  
**Sample Date/Time:** 7/18/24 11:05 AM  
**Lab Number:** 240718075-02

| Test                      | Result / Units    | Method        | RL    | MDL    | Date Analyzed | QC Batch ID | Analyzed By |
|---------------------------|-------------------|---------------|-------|--------|---------------|-------------|-------------|
| Chloride                  | 70.3 mg/L         | EPA 300.0     | 1.00  | 0.007  | 7/19/24       | QC74863     | AMJ         |
| Chromium - Hexavalent     | ND mg/L           | SM 3500-Cr B  | 0.02  | 0.01   | 7/25/24       | QC74995     | AMJ         |
| Cyanide-Free              | ND mg/L           | ASTM D4282-15 | 0.005 | 0.0005 | 7/24/24       | QC74946     | KRB         |
| Fluoride                  | 0.83 mg/L         | EPA 300.0     | 0.10  | 0.024  | 7/19/24       | QC74864     | AMJ         |
| Nitrate Nitrogen          | ND mg/L           | EPA 300.0     | 0.05  | 0.02   | 7/19/24       | QC74865     | AMJ         |
| Nitrate/ Nitrite Nitrogen | ND mg/L           | Calculation   | 0.05  | 0.02   | 7/19/24       | -           | AMJ         |
| Nitrite Nitrogen          | ND mg/L           | EPA 300.0     | 0.03  | 0.01   | 7/19/24       | QC74868     | AMJ         |
| Sulfate                   | 538 mg/L          | EPA 300.0     | 1.00  | 0.012  | 7/19/24       | QC74866     | AMJ         |
| Total Coliform            | Invalid mpn/100ml | SM 9221-B     | 1     | 1      | 7/19/24       | -           | DJL         |

### Dissolved

|                      |             |             |        |          |         |         |     |
|----------------------|-------------|-------------|--------|----------|---------|---------|-----|
| Chromium - Trivalent | ND mg/L     | Calculation | 0.02   | 0.01     | 7/24/24 | -       | MBN |
| Mercury              | ND mg/L     | EPA 245.7   | 0.0002 | 0.00002  | 7/25/24 | QC75001 | JJA |
| Aluminum             | 0.012 mg/L  | EPA 200.8   | 0.001  | 0.00003  | 7/24/24 | QC74900 | MBN |
| Antimony             | ND mg/L     | EPA 200.8   | 0.0012 | 0.00012  | 7/24/24 | QC74900 | MBN |
| Arsenic              | ND mg/L     | EPA 200.8   | 0.0006 | 0.00006  | 7/24/24 | QC74900 | MBN |
| Barium               | 0.0617 mg/L | EPA 200.8   | 0.0007 | 0.00007  | 7/24/24 | QC74900 | MBN |
| Beryllium            | ND mg/L     | EPA 200.8   | 0.0001 | 0.000008 | 7/24/24 | QC74900 | MBN |
| Cadmium              | ND mg/L     | EPA 200.8   | 0.0001 | 0.000006 | 7/24/24 | QC74900 | MBN |
| Chromium             | ND mg/L     | EPA 200.8   | 0.0015 | 0.00015  | 7/24/24 | QC74900 | MBN |
| Cobalt               | 0.0003 mg/L | EPA 200.8   | 0.0002 | 0.00005  | 7/24/24 | QC74900 | MBN |
| Copper               | ND mg/L     | EPA 200.8   | 0.0008 | 0.00001  | 7/24/24 | QC74900 | MBN |
| Lead                 | ND mg/L     | EPA 200.8   | 0.0001 | 0.000006 | 7/24/24 | QC74900 | MBN |
| Manganese            | 0.1375 mg/L | EPA 200.8   | 0.0008 | 0.00001  | 7/24/24 | QC74900 | MBN |
| Molybdenum           | 0.0064 mg/L | EPA 200.8   | 0.0005 | 0.00005  | 7/24/24 | QC74900 | MBN |
| Nickel               | 0.0019 mg/L | EPA 200.8   | 0.0009 | 0.00005  | 7/24/24 | QC74900 | MBN |

### Abbreviations/ References:

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ug/L = Micrograms Per Liter or PPB  
mpn/100 mls = Most Probable Number Index/ 100 mls  
Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.  
(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

## Analytical Results

**TASK NO: 240718075**

**Report To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240718075  
**Client PO:** PAID CC  
**Client Project:** 23.3048

**Date Received:** 7/18/24  
**Date Reported:** 7/26/24  
**Matrix:** Water - Ground

**Customer Sample ID** MW-3

**Sample Date/Time:** 7/18/24 11:05 AM

**Lab Number:** 240718075-02

| Test             | Result / Units | Method    | RL     | MDL      | Date Analyzed | QC Batch ID | Analyzed By |
|------------------|----------------|-----------|--------|----------|---------------|-------------|-------------|
| <u>Dissolved</u> |                |           |        |          |               |             |             |
| Selenium         | 0.0016 mg/L    | EPA 200.8 | 0.0008 | 0.00008  | 7/24/24       | QC74900     | MBN         |
| Silver           | ND mg/L        | EPA 200.8 | 0.0005 | 0.000003 | 7/24/24       | QC74900     | MBN         |
| Thallium         | ND mg/L        | EPA 200.8 | 0.0002 | 0.000003 | 7/24/24       | QC74900     | MBN         |
| Uranium          | 0.0324 mg/L    | EPA 200.8 | 0.0002 | 0.000002 | 7/24/24       | QC74900     | MBN         |
| Vanadium         | 0.006 mg/L     | EPA 200.8 | 0.001  | 0.0001   | 7/24/24       | QC74900     | MBN         |
| Zinc             | 0.001 mg/L     | EPA 200.8 | 0.001  | 0.00003  | 7/24/24       | QC74900     | MBN         |
| Boron            | 0.28 mg/L      | EPA 200.7 | 0.05   | 0.01     | 7/22/24       | QC74874     | JJA         |
| Iron             | 0.079 mg/L     | EPA 200.7 | 0.005  | 0.0005   | 7/22/24       | QC74874     | JJA         |

*Due to excessive solids, unable to perform final reading for Total Coliform analysis*

*Ammonium Sulfate buffer solution added upon arrival to laboratory to extend Hex-Cr hold time to 28 days.*

### Abbreviations/ References:

RL = Reporting Limit = Minimum Level

MDL = Method Detection Limit

mg/L = Milligrams Per Liter or PPM

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mpn/100 mls = Most Probable Number Index/ 100 mls

Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.

(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

**10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313**

**Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507**

## Analytical Results

**TASK NO: 240718075**

**Report To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240718075  
**Client PO:** PAID CC  
**Client Project:** 23.3048

**Date Received:** 7/18/24  
**Date Reported:** 7/26/24  
**Matrix:** Water - Ground

**Customer Sample ID** MW-5  
**Sample Date/Time:** 7/18/24 11:20 AM  
**Lab Number:** 240718075-03

| Test                      | Result / Units    | Method        | RL     | MDL      | Date Analyzed | QC Batch ID | Analyzed By |
|---------------------------|-------------------|---------------|--------|----------|---------------|-------------|-------------|
| Chloride                  | 36.7 mg/L         | EPA 300.0     | 1.00   | 0.007    | 7/19/24       | QC74863     | AMJ         |
| Chromium - Hexavalent     | ND mg/L           | SM 3500-Cr B  | 0.02   | 0.01     | 7/25/24       | QC74995     | AMJ         |
| Cyanide-Free              | ND mg/L           | ASTM D4282-15 | 0.005  | 0.0005   | 7/24/24       | QC74946     | KRB         |
| Fluoride                  | 0.60 mg/L         | EPA 300.0     | 0.10   | 0.024    | 7/19/24       | QC74864     | AMJ         |
| Nitrate Nitrogen          | ND mg/L           | EPA 300.0     | 0.05   | 0.02     | 7/19/24       | QC74865     | AMJ         |
| Nitrate/ Nitrite Nitrogen | ND mg/L           | Calculation   | 0.05   | 0.02     | 7/19/24       | -           | AMJ         |
| Nitrite Nitrogen          | ND mg/L           | EPA 300.0     | 0.03   | 0.01     | 7/19/24       | QC74868     | AMJ         |
| Sulfate                   | 465 mg/L          | EPA 300.0     | 1.00   | 0.012    | 7/19/24       | QC74866     | AMJ         |
| Total Coliform            | Invalid mpn/100ml | SM 9221-B     | 1      | 1        | 7/19/24       | -           | DJL         |
| <b>Dissolved</b>          |                   |               |        |          |               |             |             |
| Chromium - Trivalent      | ND mg/L           | Calculation   | 0.02   | 0.01     | 7/24/24       | -           | MBN         |
| Mercury                   | ND mg/L           | EPA 245.7     | 0.0002 | 0.00002  | 7/25/24       | QC75001     | JJA         |
| Aluminum                  | 0.023 mg/L        | EPA 200.8     | 0.001  | 0.00003  | 7/24/24       | QC74900     | MBN         |
| Antimony                  | ND mg/L           | EPA 200.8     | 0.0012 | 0.00012  | 7/24/24       | QC74900     | MBN         |
| Arsenic                   | 0.0009 mg/L       | EPA 200.8     | 0.0006 | 0.00006  | 7/24/24       | QC74900     | MBN         |
| Barium                    | 0.0777 mg/L       | EPA 200.8     | 0.0007 | 0.00007  | 7/24/24       | QC74900     | MBN         |
| Beryllium                 | ND mg/L           | EPA 200.8     | 0.0001 | 0.000008 | 7/24/24       | QC74900     | MBN         |
| Cadmium                   | ND mg/L           | EPA 200.8     | 0.0001 | 0.000006 | 7/24/24       | QC74900     | MBN         |
| Chromium                  | ND mg/L           | EPA 200.8     | 0.0015 | 0.00015  | 7/24/24       | QC74900     | MBN         |
| Cobalt                    | 0.0004 mg/L       | EPA 200.8     | 0.0002 | 0.00005  | 7/24/24       | QC74900     | MBN         |
| Copper                    | ND mg/L           | EPA 200.8     | 0.0008 | 0.00001  | 7/24/24       | QC74900     | MBN         |
| Lead                      | ND mg/L           | EPA 200.8     | 0.0001 | 0.000006 | 7/24/24       | QC74900     | MBN         |
| Manganese                 | 0.6226 mg/L       | EPA 200.8     | 0.0008 | 0.00001  | 7/24/24       | QC74900     | MBN         |
| Molybdenum                | 0.0024 mg/L       | EPA 200.8     | 0.0005 | 0.00005  | 7/24/24       | QC74900     | MBN         |
| Nickel                    | 0.0012 mg/L       | EPA 200.8     | 0.0009 | 0.00005  | 7/24/24       | QC74900     | MBN         |

### Abbreviations/ References:

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Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.  
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ND = Not Detected at Reporting Limit.

## Analytical Results

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**Report To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
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Loveland CO 80513

**Task No.:** 240718075  
**Client PO:** PAID CC  
**Client Project:** 23.3048

**Date Received:** 7/18/24  
**Date Reported:** 7/26/24  
**Matrix:** Water - Ground

**Customer Sample ID** MW-5  
**Sample Date/Time:** 7/18/24 11:20 AM  
**Lab Number:** 240718075-03

| Test             | Result / Units | Method    | RL     | MDL      | Date Analyzed | QC Batch ID | Analyzed By |
|------------------|----------------|-----------|--------|----------|---------------|-------------|-------------|
| <u>Dissolved</u> |                |           |        |          |               |             |             |
| Selenium         | 0.0010 mg/L    | EPA 200.8 | 0.0008 | 0.00008  | 7/24/24       | QC74900     | MBN         |
| Silver           | ND mg/L        | EPA 200.8 | 0.0005 | 0.000003 | 7/24/24       | QC74900     | MBN         |
| Thallium         | ND mg/L        | EPA 200.8 | 0.0002 | 0.000003 | 7/24/24       | QC74900     | MBN         |
| Uranium          | 0.0061 mg/L    | EPA 200.8 | 0.0002 | 0.000002 | 7/24/24       | QC74900     | MBN         |
| Vanadium         | 0.002 mg/L     | EPA 200.8 | 0.001  | 0.0001   | 7/24/24       | QC74900     | MBN         |
| Zinc             | 0.002 mg/L     | EPA 200.8 | 0.001  | 0.00003  | 7/24/24       | QC74900     | MBN         |
| Boron            | 0.22 mg/L      | EPA 200.7 | 0.05   | 0.01     | 7/22/24       | QC74874     | JJA         |
| Iron             | 0.061 mg/L     | EPA 200.7 | 0.005  | 0.0005   | 7/22/24       | QC74874     | JJA         |

*Due to excessive solids, unable to perform final reading for Total Coliform analysis*

*Ammonium Sulfate buffer solution added upon arrival to laboratory to extend Hex-Cr hold time to 28 days.*

### Abbreviations/ References:

RL = Reporting Limit = Minimum Level  
MDL = Method Detection Limit  
mg/L = Milligrams Per Liter or PPM  
ug/L = Micrograms Per Liter or PPB  
mpn/100 mls = Most Probable Number Index/ 100 mls  
Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.  
(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

## Analytical Results

**TASK NO: 240718075**

**Report To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240718075  
**Client PO:** PAID CC  
**Client Project:** 23.3048

**Date Received:** 7/18/24  
**Date Reported:** 7/26/24  
**Matrix:** Water - Ground

**Customer Sample ID** MW-4

**Sample Date/Time:** 7/18/24 11:45 AM

**Lab Number:** 240718075-04

| Test                      | Result / Units | Method        | RL    | MDL    | Date Analyzed | QC Batch ID | Analyzed By |
|---------------------------|----------------|---------------|-------|--------|---------------|-------------|-------------|
| Chloride                  | 88.4 mg/L      | EPA 300.0     | 1.00  | 0.007  | 7/19/24       | QC74863     | AMJ         |
| Chromium - Hexavalent     | ND mg/L        | SM 3500-Cr B  | 0.02  | 0.01   | 7/25/24       | QC74995     | AMJ         |
| Cyanide-Free              | ND mg/L        | ASTM D4282-15 | 0.005 | 0.0005 | 7/24/24       | QC74946     | KRB         |
| Fluoride                  | 0.64 mg/L      | EPA 300.0     | 0.10  | 0.024  | 7/19/24       | QC74864     | AMJ         |
| Nitrate Nitrogen          | 0.90 mg/L      | EPA 300.0     | 0.05  | 0.02   | 7/19/24       | QC74865     | AMJ         |
| Nitrate/ Nitrite Nitrogen | 0.90 mg/L      | Calculation   | 0.05  | 0.02   | 7/19/24       | -           | AMJ         |
| Nitrite Nitrogen          | ND mg/L        | EPA 300.0     | 0.03  | 0.01   | 7/19/24       | QC74868     | AMJ         |
| Sulfate                   | 860 mg/L       | EPA 300.0     | 1.00  | 0.012  | 7/19/24       | QC74866     | AMJ         |
| Total Coliform            | 1 mpn/100ml    | SM 9221-B     | 1     | 1      | 7/19/24       | -           | DJL         |

### Dissolved

|                      |             |             |        |          |         |         |     |
|----------------------|-------------|-------------|--------|----------|---------|---------|-----|
| Chromium - Trivalent | ND mg/L     | Calculation | 0.02   | 0.01     | 7/24/24 | -       | MBN |
| Mercury              | ND mg/L     | EPA 245.7   | 0.0002 | 0.00002  | 7/25/24 | QC75001 | JJA |
| Aluminum             | 0.007 mg/L  | EPA 200.8   | 0.001  | 0.00003  | 7/24/24 | QC74900 | MBN |
| Antimony             | ND mg/L     | EPA 200.8   | 0.0012 | 0.00012  | 7/24/24 | QC74900 | MBN |
| Arsenic              | ND mg/L     | EPA 200.8   | 0.0006 | 0.00006  | 7/24/24 | QC74900 | MBN |
| Barium               | 0.0361 mg/L | EPA 200.8   | 0.0007 | 0.00007  | 7/24/24 | QC74900 | MBN |
| Beryllium            | ND mg/L     | EPA 200.8   | 0.0001 | 0.000008 | 7/24/24 | QC74900 | MBN |
| Cadmium              | ND mg/L     | EPA 200.8   | 0.0001 | 0.000006 | 7/24/24 | QC74900 | MBN |
| Chromium             | ND mg/L     | EPA 200.8   | 0.0015 | 0.00015  | 7/24/24 | QC74900 | MBN |
| Cobalt               | 0.0004 mg/L | EPA 200.8   | 0.0002 | 0.00005  | 7/24/24 | QC74900 | MBN |
| Copper               | 0.0029 mg/L | EPA 200.8   | 0.0008 | 0.00001  | 7/24/24 | QC74900 | MBN |
| Lead                 | ND mg/L     | EPA 200.8   | 0.0001 | 0.000006 | 7/24/24 | QC74900 | MBN |
| Manganese            | 0.2185 mg/L | EPA 200.8   | 0.0008 | 0.00001  | 7/24/24 | QC74900 | MBN |
| Molybdenum           | 0.0018 mg/L | EPA 200.8   | 0.0005 | 0.00005  | 7/24/24 | QC74900 | MBN |
| Nickel               | 0.0021 mg/L | EPA 200.8   | 0.0009 | 0.00005  | 7/24/24 | QC74900 | MBN |

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mpn/100 mls = Most Probable Number Index/ 100 mls

Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.

(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

**10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313**

**Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507**

## Analytical Results

**TASK NO: 240718075**

**Report To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Bill To:** Ken Coulson

**Company:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Task No.:** 240718075  
**Client PO:** PAID CC  
**Client Project:** 23.3048

**Date Received:** 7/18/24  
**Date Reported:** 7/26/24  
**Matrix:** Water - Ground

**Customer Sample ID** MW-4  
**Sample Date/Time:** 7/18/24 11:45 AM  
**Lab Number:** 240718075-04

| Test             | Result / Units | Method    | RL     | MDL      | Date Analyzed | QC Batch ID | Analyzed By |
|------------------|----------------|-----------|--------|----------|---------------|-------------|-------------|
| <u>Dissolved</u> |                |           |        |          |               |             |             |
| Selenium         | 0.0299 mg/L    | EPA 200.8 | 0.0008 | 0.00008  | 7/24/24       | QC74900     | MBN         |
| Silver           | ND mg/L        | EPA 200.8 | 0.0005 | 0.000003 | 7/24/24       | QC74900     | MBN         |
| Thallium         | ND mg/L        | EPA 200.8 | 0.0002 | 0.000003 | 7/24/24       | QC74900     | MBN         |
| Uranium          | 0.0605 mg/L    | EPA 200.8 | 0.0002 | 0.000002 | 7/24/24       | QC74900     | MBN         |
| Vanadium         | ND mg/L        | EPA 200.8 | 0.001  | 0.0001   | 7/24/24       | QC74900     | MBN         |
| Zinc             | 0.003 mg/L     | EPA 200.8 | 0.001  | 0.00003  | 7/24/24       | QC74900     | MBN         |
| Boron            | 0.31 mg/L      | EPA 200.7 | 0.05   | 0.01     | 7/22/24       | QC74874     | JJA         |
| Iron             | ND mg/L        | EPA 200.7 | 0.005  | 0.0005   | 7/22/24       | QC74874     | JJA         |

*Ammonium Sulfate buffer solution added upon arrival to laboratory to extend Hex-Cr hold time to 28 days.*

### Abbreviations/ References:

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## Analytical QC Summary

**TASK NO: 240718075**

**Report To:** Ken Coulson  
**Company:** Coulson Excavating

**Receive Date:** 7/18/24  
**Project Name:** 23.3048

| Test                  | QC Batch ID | QC Type      | Result | Method        | Prep Date |
|-----------------------|-------------|--------------|--------|---------------|-----------|
| Chloride              | QC74863     | Blank        | ND     | EPA 300.0     | 7/18/24   |
| Chromium - Hexavalent | QC74995     | Blank        | ND     | SM 3500-Cr B  | 7/25/24   |
| Cyanide-Free          | QC74946     | Blank        | ND     | ASTM D4282-15 | 7/24/24   |
| Fluoride              | QC74864     | Blank        | ND     | EPA 300.0     | 7/18/24   |
| Mercury               | QC75001     | Method Blank | ND     | EPA 245.7     | 7/25/24   |
| Aluminum              | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Antimony              | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Arsenic               | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Barium                | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Beryllium             | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Cadmium               | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Chromium              | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Cobalt                | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Copper                | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Lead                  | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Manganese             | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Molybdenum            | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Nickel                | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Selenium              | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Silver                | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Thallium              | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Uranium               | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Vanadium              | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Zinc                  | QC74900     | Method Blank | ND     | EPA 200.8     | 7/18/24   |
| Boron                 | QC74874     | Method Blank | ND     | EPA 200.7     | 7/18/24   |
| Iron                  | QC74874     | Method Blank | ND     | EPA 200.7     | 7/18/24   |
| Nitrate Nitrogen      | QC74865     | Blank        | ND     | EPA 300.0     | 7/18/24   |
| Nitrite Nitrogen      | QC74868     | Blank        | ND     | EPA 300.0     | 7/18/24   |
| Sulfate               | QC74866     | Blank        | ND     | EPA 300.0     | 7/18/24   |

| Test                  | QC Batch ID | QC Type                 | Limits   | % Rec | RPD  | Method        |
|-----------------------|-------------|-------------------------|----------|-------|------|---------------|
| Chloride              | QC74863     | Duplicate -240717046-01 | 0 - 20   | -     | 1.3  | EPA 300.0     |
|                       |             | LCS                     | 90 - 110 | 101.7 | -    |               |
|                       |             | MS -240717046-01        | 75 - 125 | 100.7 | -    |               |
| Chromium - Hexavalent | QC74995     | Duplicate -240717037-03 | 0 - 20   | -     | 0.0  | SM 3500-Cr B  |
|                       |             | LCS                     | 90 - 110 | 102.8 | -    |               |
| Cyanide-Free          | QC74946     | Duplicate -240719034-10 | 0 - 20   | -     | 15.9 | ASTM D4282-15 |
|                       |             | LCS                     | 90 - 110 | 95.5  | -    |               |
|                       |             | MS -240723009-09        | 75 - 125 | 112.0 | -    |               |
|                       |             | MSD -240723009-09       | 0 - 30   | -     | 0.0  |               |
| Fluoride              | QC74864     | Duplicate -240717046-01 | 0 - 20   | -     | 0.5  | EPA 300.0     |
|                       |             | LCS                     | 90 - 110 | 98.4  | -    |               |

### Abbreviations/ References:

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mpn/100 mls = Most Probable Number Index/ 100 mls  
Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.  
(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

| Test       | QC Batch ID | QC Type                 | Limits   | % Rec | RPD | Method    |
|------------|-------------|-------------------------|----------|-------|-----|-----------|
|            |             | MS -240717046-01        | 75 - 125 | 96.2  | -   |           |
| Mercury    | QC75001     | Duplicate -240718005-01 | 0 - 20   | -     | 0.0 | EPA 245.7 |
|            |             | LCS                     | 90 - 110 | 110.0 | -   |           |
|            |             | MS -240718005-01        | 80 - 120 | 98.0  | -   |           |
| Aluminum   | QC74900     | LCS                     | 90 - 110 | 105.0 | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 84.1  | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 1.2 |           |
| Antimony   | QC74900     | LCS                     | 90 - 110 | 108.0 | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 110.5 | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 2.3 |           |
| Arsenic    | QC74900     | LCS                     | 90 - 110 | 101.2 | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 118.9 | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 0.8 |           |
| Barium     | QC74900     | LCS                     | 90 - 110 | 96.2  | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 95.4  | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 0.4 |           |
| Beryllium  | QC74900     | LCS                     | 90 - 110 | 99.2  | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 105.6 | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 0.4 |           |
| Cadmium    | QC74900     | LCS                     | 90 - 110 | 98.4  | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 106.8 | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 0.0 |           |
| Chromium   | QC74900     | LCS                     | 90 - 110 | 105.0 | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 109.5 | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 1.6 |           |
| Cobalt     | QC74900     | LCS                     | 90 - 110 | 99.1  | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 101.2 | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 3.1 |           |
| Copper     | QC74900     | LCS                     | 90 - 110 | 95.1  | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 86.3  | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 1.5 |           |
| Lead       | QC74900     | LCS                     | 90 - 110 | 94.0  | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 93.0  | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 1.6 |           |
| Manganese  | QC74900     | LCS                     | 90 - 110 | 106.5 | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 111.7 | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 0.2 |           |
| Molybdenum | QC74900     | LCS                     | 90 - 110 | 100.8 | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 106.7 | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 0.6 |           |
| Nickel     | QC74900     | LCS                     | 90 - 110 | 103.6 | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 105.8 | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 1.3 |           |
| Selenium   | QC74900     | LCS                     | 90 - 110 | 99.9  | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 119.8 | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 0.2 |           |
| Silver     | QC74900     | LCS                     | 90 - 110 | 105.4 | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 87.3  | -   |           |
|            |             | MSD -240718002-01A      | 0 - 10   | -     | 2.3 |           |
| Thallium   | QC74900     | LCS                     | 90 - 110 | 94.6  | -   | EPA 200.8 |
|            |             | MS -240718002-01A       | 70 - 130 | 93.5  | -   |           |

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Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.

(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

**10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313**

**Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507**

| Test             | QC Batch ID | QC Type                 | Limits   | % Rec | RPD | Method    |
|------------------|-------------|-------------------------|----------|-------|-----|-----------|
|                  |             | MSD -240718002-01A      | 0 - 10   | -     | 1.6 |           |
| Uranium          | QC74900     | LCS                     | 90 - 110 | 90.2  | -   | EPA 200.8 |
|                  |             | MS -240718002-01A       | 70 - 130 | 95.5  | -   |           |
|                  |             | MSD -240718002-01A      | 0 - 10   | -     | 2.7 |           |
| Vanadium         | QC74900     | LCS                     | 90 - 110 | 102.7 | -   | EPA 200.8 |
|                  |             | MS -240718002-01A       | 70 - 130 | 110.2 | -   |           |
|                  |             | MSD -240718002-01A      | 0 - 10   | -     | 2.0 |           |
| Zinc             | QC74900     | LCS                     | 90 - 110 | 102.6 | -   | EPA 200.8 |
|                  |             | MS -240718002-01A       | 70 - 130 | 103.9 | -   |           |
|                  |             | MSD -240718002-01A      | 0 - 10   | -     | 0.7 |           |
| Boron            | QC74874     | Duplicate -240718048-01 | 0 - 20   | -     | 6.2 | EPA 200.7 |
|                  |             | LCS                     | 90 - 110 | 104.0 | -   |           |
|                  |             | MS -240718005-01        | 75 - 125 | 96.1  | -   |           |
| Iron             | QC74874     | Duplicate -240718048-01 | 0 - 20   | -     | 0.0 | EPA 200.7 |
|                  |             | LCS                     | 90 - 110 | 107.4 | -   |           |
|                  |             | MS -240718005-01        | 75 - 125 | 101.2 | -   |           |
| Nitrate Nitrogen | QC74865     | Duplicate -240717046-01 | 0 - 20   | -     | 9.6 | EPA 300.0 |
|                  |             | LCS                     | 90 - 110 | 98.9  | -   |           |
|                  |             | MS -240717046-01        | 75 - 125 | 94.4  | -   |           |
| Nitrite Nitrogen | QC74868     | Duplicate -240717167-05 | 0 - 20   | -     | 0.0 | EPA 300.0 |
|                  |             | LCS                     | 90 - 110 | 92.6  | -   |           |
|                  |             | MS -240717167-05        | 75 - 125 | 94.8  | -   |           |
| Sulfate          | QC74866     | Duplicate -240717046-01 | 0 - 20   | -     | 1.2 | EPA 300.0 |
|                  |             | LCS                     | 90 - 110 | 99.4  | -   |           |
|                  |             | MS -240717046-01        | 75 - 125 | 100.9 | -   |           |

All analyses were performed in accordance with approved methods under the latest revision to 40 CFR Part 136 unless otherwise identified. Based on my inquiry of the person or persons directly responsible for analyzing the wastewater samples and generating the report (s), the analyses, report, and information submitted are, to the best of my knowledge and belief, true, accurate, and complete.



DATA APPROVED FOR RELEASE BY

#### Abbreviations/ References:

RL = Reporting Limit = Minimum Level  
MDL = Method Detection Limit  
mg/L = Milligrams Per Liter or PPM  
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Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.  
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ND = Not Detected at Reporting Limit.

7/18/24



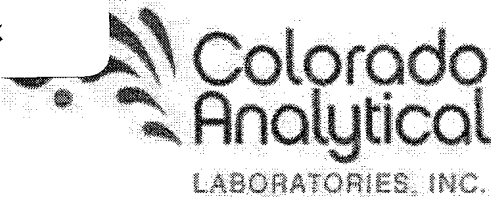
**Lakewood Service Center**  
610 Garrison Street, Unit E  
Lakewood CO 80215  
Phone: 303-659-2313

**www.coloradolab.com**

**www.coloradolab.com**

Page 12 of 14

JAK



**Bottle Order  
Test Detail**

Order ID: QBO23120071

Date Created: 12/12/23

**Ship To:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Attention:** Ken Coulson

970-667-2178  
**\*\*Verify All Shipping Addresses\*\***

**Shipping Options:**

Ship Via: Customer Pickup Cooler: Yes

Chain of Custody Drinking Water:  
Standard: 1

**Customer Needs By: 1/16/24**  
**Ships From: Commerce City**

**Project:**

| Qty. | Bottle / Preservative / Test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5    | 100 ml sterile - Na2S2O3<br>Total Coliform - Water - Ground                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 5    | 500 ml Cylinder - NaOH<br>Cyanide - Free - Water - Ground                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5    | 500 ml Cylinder - Unpreserved<br>Ag - Dis - Water - Ground<br>Al - Dis - Water - Ground<br>As - Dis - Water - Ground<br>B - Dis - Water - Ground<br>Ba - Dis - Water - Ground<br>Be - Dis - Water - Ground<br>Cd - Dis - Water - Ground<br>Chloride - Water - Ground<br>Co - Dis - Water - Ground<br>Cr - Dis - Water - Ground<br>Cr - Hex - Water - Ground<br>Cu - Dis - Water - Ground<br>Fe - Dis - Water - Ground<br>Fluoride - Water - Ground<br>Langelier Index - Water - Ground<br>Mn - Dis - Water - Ground |

**\*\*Samples should be shipped or hand delivered the same day they are collected. Orders that require sub-lab analysis should be delivered to the lab Monday thru Wednesday only.\*\***

**Internal Shipping Instructions:**

Diss Cr-Tri & Diss Hg \*\*Will be picked up by Jay Edwards w/ CMT\*\*

**Shipped By:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Checked By:** \_\_\_\_\_

10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313  
Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507

JAK

**o:** Coulson Excavating  
3609 NCR 13  
Loveland CO 80513

**Shipping Options:**

Ship Via: Customer Pickup Cooler: Yes

Chain of Custody Drinking Water:  
Standard: 1

**Attention:** Ken Coulson

970-667-2178

**\*\*Verify All Shipping Addresses\*\***

**Customer Needs By: 1/16/24**

**Ships From: Commerce City**

**Project:**

| Qty. | Bottle / Preservative / Test               |
|------|--------------------------------------------|
|      | Mo - Dis - Water - Ground                  |
|      | Ni - Dis - Water - Ground                  |
|      | Nitrate Nitrogen - Water - Ground          |
|      | Nitrate/ Nitrite Nitrogen - Water - Ground |
|      | Nitrite Nitrogen - Water - Ground          |
|      | Pb - Dis - Water - Ground                  |
|      | Sb - Dis - Water - Ground                  |
|      | Se - Dis - Water - Ground                  |
|      | Sulfate - Water - Ground                   |
|      | TI - Dis - Water - Ground                  |
|      | U - Dis - Water - Ground                   |
|      | V - Dis - Water - Ground                   |
|      | Zn - Dis - Water - Ground                  |

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