

# ANALYTICAL REPORT

## PREPARED FOR

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## JOB DESCRIPTION

909j Water Sampling  
909j Water Sampling

## JOB NUMBER

280-187007-1

# Eurofins Denver

## Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

## Authorization



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# Definitions/Glossary

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Qualifiers

### Metals

| Qualifier | Qualifier Description   |
|-----------|---|
| 4         | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |

### General Chemistry

| Qualifier | Qualifier Description   |
|-----------|---|
| 4         | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| B         | Compound was found in the blank and sample.   |
| E         | Result exceeded calibration range.  |
| F1        | MS and/or MSD recovery exceeds control limits.  |
| F3        | Duplicate RPD exceeds the control limit   |
| HF        | Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.                  |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.  |

## Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|---|
| □              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery  |
| CFL            | Contains Free Liquid  |
| CFU            | Colony Forming Unit   |
| CNF            | Contains No Free Liquid   |
| DER            | Duplicate Error Ratio (normalized absolute difference)  |
| Dil Fac        | Dilution Factor   |
| DL             | Detection Limit (DoD/DOE)   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)   |
| EDL            | Estimated Detection Limit (Dioxin)  |
| LOD            | Limit of Detection (DoD/DOE)  |
| LOQ            | Limit of Quantitation (DoD/DOE)   |
| MCL            | EPA recommended "Maximum Contaminant Level"   |
| MDA            | Minimum Detectable Activity (Radiochemistry)  |
| MDC            | Minimum Detectable Concentration (Radiochemistry)   |
| MDL            | Method Detection Limit  |
| ML             | Minimum Level (Dioxin)  |
| MPN            | Most Probable Number  |
| MQL            | Method Quantitation Limit   |
| NC             | Not Calculated  |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)  |
| NEG            | Negative / Absent   |
| POS            | Positive / Present  |
| PQL            | Practical Quantitation Limit  |
| PRES           | Presumptive   |
| QC             | Quality Control   |
| RER            | Relative Error Ratio (Radiochemistry)   |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)   |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)   |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)   |
| TNTC           | Too Numerous To Count   |

# Case Narrative

Client: Evergreen Natural Resources LLC  
Project: 909j Water Sampling

Job ID: 280-187007-1

**Job ID: 280-187007-1**

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## Job Narrative 280-187007-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report may include reporting limits (RLs) lower than Eurofins Environmental Testing standard reporting limits. The reported sample results and associated reporting limits are being used specifically to meet the needs of this project. Note that data are not normally reported to these levels without qualification because they are inherently less reliable and potentially less defensible than required by the latest industry standards.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

### Receipt

The sample was received on 1/26/2024 9:20 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.3°C

### GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### Gasoline Range Organics

Method 8015D\_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 280-641220.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### Diesel Range Organics

Method 8015D\_DRO: The following sample CINDY H 23-27 (280-187007-1) in preparation batch 280-641381 was turbid and orange in color. Method 8015

Method 8015D\_DRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 280-641381.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### General Chemistry

Method 300.0\_28D: The method blank for analytical batch 280-641536 contained Chloride above the method detection limit. This target analyte concentration was less than half the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed. The associated samples are: (CCB 280-641536/2), (CCB 280-641536/21) and (MB 280-641536/6)

Method 300\_48HR: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 280-641156 were outside control limits for Nitrite as N. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. The associated samples are: (280-187012-C-6 MS) and (280-187012-C-6 MSD).

Method SM4500\_H+: The sample duplicate (DUP) precision for analytical batch 280-641552 was outside control limits. Sample

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## Case Narrative

Client: Evergreen Natural Resources LLC  
Project: 909j Water Sampling

Job ID: 280-187007-1

**Job ID: 280-187007-1 (Continued)**

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non-homogeneity is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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# Detection Summary

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

Client Sample ID: CINDY H 23-27

Lab Sample ID: 280-187007-1

| Analyte                         | Result | Qualifier | RL    | MDL | Unit     | Dil Fac | D | Method        | Prep Type |
|---------------------------------|--------|-----------|-------|-----|----------|---------|---|---------------|-----------|
| Boron                           | 300    |           | 100   |     | ug/L     | 1       |   | 200.7 Rev 4.4 | Total/NA  |
| Barium                          | 3000   |           | 10    |     | ug/L     | 1       |   | 200.7 Rev 4.4 | Total/NA  |
| Calcium                         | 51     |           | 0.20  |     | mg/L     | 1       |   | 200.7 Rev 4.4 | Total/NA  |
| Iron                            | 20000  |           | 100   |     | ug/L     | 1       |   | 200.7 Rev 4.4 | Total/NA  |
| Potassium                       | 5800   |           | 3000  |     | ug/L     | 1       |   | 200.7 Rev 4.4 | Total/NA  |
| Magnesium                       | 9.8    |           | 0.20  |     | mg/L     | 1       |   | 200.7 Rev 4.4 | Total/NA  |
| Manganese                       | 350    |           | 10    |     | ug/L     | 1       |   | 200.7 Rev 4.4 | Total/NA  |
| Sodium                          | 2100   |           | 10    |     | mg/L     | 10      |   | 200.7 Rev 4.4 | Total/NA  |
| Strontium                       | 10000  |           | 10    |     | ug/L     | 1       |   | 200.7 Rev 4.4 | Total/NA  |
| Bromide                         | 3.7    |           | 0.23  |     | mg/L     | 1       |   | 300.0         | Total/NA  |
| Chloride                        | 2700   | B         | 51    |     | mg/L     | 50      |   | 300.0         | Total/NA  |
| Fluoride                        | 1.9    |           | 0.20  |     | mg/L     | 1       |   | 300.0         | Total/NA  |
| Phosphorus, Total               | 0.13   |           | 0.050 |     | mg/L     | 1       |   | 365.1         | Total/NA  |
| Total Alkalinity                | 650    |           | 10    |     | mg/L     | 1       |   | SM 2320B      | Total/NA  |
| Bicarbonate Alkalinity as CaCO3 | 650    |           | 10    |     | mg/L     | 1       |   | SM 2320B      | Total/NA  |
| Specific Conductance            | 9800   |           | 1.0   |     | umhos/cm | 1       |   | SM 2510B      | Total/NA  |
| Total Dissolved Solids          | 6800   |           | 100   |     | mg/L     | 1       |   | SM 2540C      | Total/NA  |
| Total Suspended Solids          | 35     |           | 4.0   |     | mg/L     | 1       |   | SM 2540D      | Total/NA  |
| pH                              | 7.8    | HF        | 0.1   |     | SU       | 1       |   | SM 4500 H+ B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

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# Method Summary

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

| Method          | Method Description                           | Protocol | Laboratory |
|-----------------|--|----------|------------|
| 8260D           | Volatile Organic Compounds by GC/MS          | SW846    | EET DEN    |
| 8015D           | Gasoline Range Organics (GRO) (GC)           | SW846    | EET DEN    |
| 8015D           | Diesel Range Organics (DRO) (GC)             | SW846    | EET DEN    |
| 200.7 Rev 4.4   | Metals (ICP)                                 | EPA      | EET DEN    |
| 200.8           | Metals (ICP/MS)                              | EPA      | EET DEN    |
| 300.0           | Anions, Ion Chromatography                   | EPA      | EET DEN    |
| 365.1           | Phosphorus, Total                            | EPA      | EET DEN    |
| SM 2320B        | Alkalinity                                   | SM       | EET DEN    |
| SM 2510B        | Conductivity, Specific Conductance           | SM       | EET DEN    |
| SM 2540C        | Solids, Total Dissolved (TDS)                | SM       | EET DEN    |
| SM 2540D        | Solids, Total Suspended (TSS)                | SM       | EET DEN    |
| SM 4500 H+ B    | pH   | SM       | EET DEN    |
| 200.7           | Preparation, Total Metals                    | EPA      | EET DEN    |
| 200.8           | Preparation, Total Metals                    | EPA      | EET DEN    |
| 3510C           | Liquid-Liquid Extraction (Separatory Funnel) | SW846    | EET DEN    |
| 365.2/365.3/365 | Phosphorus, Total                            | EPA      | EET DEN    |
| 5030B           | Purge and Trap                               | SW846    | EET DEN    |
| 5030C           | Purge and Trap                               | SW846    | EET DEN    |

## Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100



# Sample Summary

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 280-187007-1  | CINDY H 23-27    | Water  | 01/25/24 13:15 | 01/26/24 09:20 |

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# Client Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

Client Sample ID: CINDY H 23-27

Lab Sample ID: 280-187007-1

Date Collected: 01/25/24 13:15

Matrix: Water

Date Received: 01/26/24 09:20

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte             | Result | Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------|--------|-----------|------|-----|------|---|----------|----------------|---------|
| Benzene             | ND     |           | 0.50 |     | ug/L |   |          | 01/27/24 02:07 | 1       |
| Ethylbenzene        | ND     |           | 0.50 |     | ug/L |   |          | 01/27/24 02:07 | 1       |
| Toluene             | ND     |           | 0.50 |     | ug/L |   |          | 01/27/24 02:07 | 1       |
| m-Xylene & p-Xylene | ND     |           | 0.50 |     | ug/L |   |          | 01/27/24 02:07 | 1       |
| o-Xylene            | ND     |           | 0.50 |     | ug/L |   |          | 01/27/24 02:07 | 1       |
| Xylenes, Total      | ND     |           | 0.50 |     | ug/L |   |          | 01/27/24 02:07 | 1       |
| Naphthalene         | ND     |           | 2.0  |     | ug/L |   |          | 01/27/24 02:07 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 70 - 127 |          | 01/27/24 02:07 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 80 - 125 |          | 01/27/24 02:07 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 78 - 120 |          | 01/27/24 02:07 | 1       |
| Dibromofluoromethane (Surr)  | 99        |           | 77 - 120 |          | 01/27/24 02:07 | 1       |

## Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

| Analyte                              | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------|--------|-----------|----|-----|------|---|----------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND     |           | 25 |     | ug/L |   |          | 01/27/24 15:06 | 1       |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------|----------------|---------|
| a,a,a-Trifluorotoluene (Surr) | 95        |           | 82 - 110 |          | 01/27/24 15:06 | 1       |

## Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

| Analyte       | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| DRO [C10-C36] | ND     |           | 0.47 |     | mg/L |   | 01/30/24 12:53 | 02/01/24 23:50 | 1       |

| Surrogate           | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|---------------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl         | 107       |           | 62 - 153 | 01/30/24 12:53 | 02/01/24 23:50 | 1       |
| n-Octacosane (Surr) | 82        |           | 45 - 156 | 01/30/24 12:53 | 02/01/24 23:50 | 1       |

## Method: EPA 200.7 Rev 4.4 - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| Boron     | 300    |           | 100  |     | ug/L |   | 01/29/24 08:36 | 01/29/24 17:29 | 1       |
| Barium    | 3000   |           | 10   |     | ug/L |   | 01/29/24 08:36 | 01/29/24 17:29 | 1       |
| Calcium   | 51     |           | 0.20 |     | mg/L |   | 01/29/24 08:36 | 01/29/24 17:29 | 1       |
| Iron      | 20000  |           | 100  |     | ug/L |   | 01/29/24 08:36 | 01/29/24 17:29 | 1       |
| Potassium | 5800   |           | 3000 |     | ug/L |   | 01/29/24 08:36 | 01/29/24 17:29 | 1       |
| Magnesium | 9.8    |           | 0.20 |     | mg/L |   | 01/29/24 08:36 | 01/29/24 17:29 | 1       |
| Manganese | 350    |           | 10   |     | ug/L |   | 01/29/24 08:36 | 01/29/24 17:29 | 1       |
| Sodium    | 2100   |           | 10   |     | mg/L |   | 01/29/24 08:36 | 01/31/24 22:13 | 10      |
| Strontium | 10000  |           | 10   |     | ug/L |   | 01/29/24 08:36 | 01/29/24 17:29 | 1       |

## Method: EPA 200.8 - Metals (ICP/MS)

| Analyte  | Result | Qualifier | RL  | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|-----|-----|------|---|----------------|----------------|---------|
| Selenium | ND     |           | 5.0 |     | ug/L |   | 01/29/24 08:36 | 01/30/24 17:21 | 1       |

## General Chemistry

| Analyte                  | Result | Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|------|-----|------|---|----------|----------------|---------|
| Bromide (EPA 300.0)      | 3.7    |           | 0.23 |     | mg/L |   |          | 01/29/24 19:21 | 1       |
| Nitrate as N (EPA 300.0) | ND     |           | 0.10 |     | mg/L |   |          | 01/26/24 23:11 | 1       |
| Chloride (EPA 300.0)     | 2700   | B         | 51   |     | mg/L |   |          | 01/31/24 18:02 | 50      |
| Nitrite as N (EPA 300.0) | ND     |           | 0.10 |     | mg/L |   |          | 01/26/24 23:11 | 1       |

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# Client Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

Client Sample ID: CINDY H 23-27

Lab Sample ID: 280-187007-1

Date Collected: 01/25/24 13:15

Matrix: Water

Date Received: 01/26/24 09:20

## General Chemistry (Continued)

| Analyte                                    | Result | Qualifier | RL    | MDL | Unit     | D | Prepared       | Analyzed       | Dil Fac |
|--|--------|-----------|-------|-----|----------|---|----------------|----------------|---------|
| Fluoride (EPA 300.0)                       | 1.9    |           | 0.20  |     | mg/L     |   |                | 02/01/24 15:27 | 1       |
| Sulfate (EPA 300.0)                        | ND     |           | 5.0   |     | mg/L     |   |                | 01/26/24 23:11 | 1       |
| Phosphorus, Total (EPA 365.1)              | 0.13   |           | 0.050 |     | mg/L     |   | 01/30/24 11:24 | 01/30/24 17:08 | 1       |
| Total Alkalinity (SM 2320B)                | 650    |           | 10    |     | mg/L     |   |                | 01/30/24 14:28 | 1       |
| Bicarbonate Alkalinity as CaCO3 (SM 2320B) | 650    |           | 10    |     | mg/L     |   |                | 01/30/24 14:28 | 1       |
| Carbonate Alkalinity as CaCO3 (SM 2320B)   | ND     |           | 10    |     | mg/L     |   |                | 01/30/24 14:28 | 1       |
| Total Dissolved Solids (SM 2540C)          | 6800   |           | 100   |     | mg/L     |   |                | 01/30/24 09:57 | 1       |
| Total Suspended Solids (SM 2540D)          | 35     |           | 4.0   |     | mg/L     |   |                | 01/30/24 13:45 | 1       |
| Analyte                                    | Result | Qualifier | RL    | RL  | Unit     | D | Prepared       | Analyzed       | Dil Fac |
| Specific Conductance (SM 2510B)            | 9800   |           | 1.0   |     | umhos/cm |   |                | 02/06/24 15:10 | 1       |
| pH (SM 4500 H+ B)                          | 7.8    | HF        | 0.1   |     | SU       |   |                | 01/30/24 16:10 | 1       |

# Surrogate Summary

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID      | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                  |
|--------------------|------------------------|--|-----------------|-----------------|------------------|
|                    |                        | DCA<br>(70-127)                                | TOL<br>(80-125) | BFB<br>(78-120) | DBFM<br>(77-120) |
| 280-187007-1       | CINDY H 23-27          | 100  | 103             | 92              | 99               |
| 280-187041-A-9 MS  | Matrix Spike           | 99   | 102             | 91              | 102              |
| 280-187041-A-9 MSD | Matrix Spike Duplicate | 99   | 101             | 90              | 102              |
| LCS 280-641208/4   | Lab Control Sample     | 101  | 102             | 89              | 103              |
| LCSD 280-641208/5  | Lab Control Sample Dup | 99   | 102             | 90              | 101              |
| MB 280-641208/9    | Method Blank           | 98   | 103             | 90              | 100              |

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

## Method: 8015D - Gasoline Range Organics (GRO) (GC)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID      | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |  |  |  |
|--------------------|------------------------|--|--|--|--|
|                    |                        | TFT1<br>(82-110)                               |  |  |  |
| 280-187007-1       | CINDY H 23-27          | 95   |  |  |  |
| LCS 280-641220/10  | Lab Control Sample     | 103  |  |  |  |
| LCSD 280-641220/11 | Lab Control Sample Dup | 103  |  |  |  |
| MB 280-641220/12   | Method Blank           | 97   |  |  |  |

### Surrogate Legend

TFT = a,a,a-Trifluorotoluene (Surr)

## Method: 8015D - Diesel Range Organics (DRO) (GC)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID       | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                  |
|---------------------|------------------------|--|------------------|
|                     |                        | OTPH<br>(62-153)                               | OTCN<br>(45-156) |
| 280-187007-1        | CINDY H 23-27          | 107  | 82               |
| LCS 280-641381/2-A  | Lab Control Sample     | 104  | 88               |
| LCSD 280-641381/3-A | Lab Control Sample Dup | 110  | 93               |
| MB 280-641381/1-A   | Method Blank           | 99   | 82               |

### Surrogate Legend

OTPH = o-Terphenyl

OTCN = n-Octacosane (Surr)

# QC Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 280-641208/9

Matrix: Water

Analysis Batch: 641208

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte             | MB Result | MB Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------|-----------|--------------|------|-----|------|---|----------|----------------|---------|
| Benzene             | ND        |              | 0.50 |     | ug/L |   |          | 01/26/24 20:51 | 1       |
| Ethylbenzene        | ND        |              | 0.50 |     | ug/L |   |          | 01/26/24 20:51 | 1       |
| Toluene             | ND        |              | 0.50 |     | ug/L |   |          | 01/26/24 20:51 | 1       |
| m-Xylene & p-Xylene | ND        |              | 0.50 |     | ug/L |   |          | 01/26/24 20:51 | 1       |
| o-Xylene            | ND        |              | 0.50 |     | ug/L |   |          | 01/26/24 20:51 | 1       |
| Xylenes, Total      | ND        |              | 0.50 |     | ug/L |   |          | 01/26/24 20:51 | 1       |
| Naphthalene         | ND        |              | 2.0  |     | ug/L |   |          | 01/26/24 20:51 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 98           |              | 70 - 127 |          | 01/26/24 20:51 | 1       |
| Toluene-d8 (Surr)            | 103          |              | 80 - 125 |          | 01/26/24 20:51 | 1       |
| 4-Bromofluorobenzene (Surr)  | 90           |              | 78 - 120 |          | 01/26/24 20:51 | 1       |
| Dibromofluoromethane (Surr)  | 100          |              | 77 - 120 |          | 01/26/24 20:51 | 1       |

Lab Sample ID: LCS 280-641208/4

Matrix: Water

Analysis Batch: 641208

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|------|---|------|-------------|
| Benzene             | 50.0        | 52.4       |               | ug/L |   | 105  | 69 - 126    |
| Ethylbenzene        | 50.0        | 51.4       |               | ug/L |   | 103  | 76 - 121    |
| Toluene             | 50.0        | 51.4       |               | ug/L |   | 103  | 68 - 127    |
| m-Xylene & p-Xylene | 50.0        | 50.3       |               | ug/L |   | 101  | 76 - 122    |
| o-Xylene            | 50.0        | 51.6       |               | ug/L |   | 103  | 77 - 120    |
| Xylenes, Total      | 100         | 102        |               | ug/L |   | 102  | 77 - 120    |
| Naphthalene         | 50.0        | 51.2       |               | ug/L |   | 102  | 63 - 129    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 101           |               | 70 - 127 |
| Toluene-d8 (Surr)            | 102           |               | 80 - 125 |
| 4-Bromofluorobenzene (Surr)  | 89            |               | 78 - 120 |
| Dibromofluoromethane (Surr)  | 103           |               | 77 - 120 |

Lab Sample ID: LCSD 280-641208/5

Matrix: Water

Analysis Batch: 641208

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Benzene             | 50.0        | 50.2        |                | ug/L |   | 100  | 69 - 126    | 4   | 20        |
| Ethylbenzene        | 50.0        | 50.2        |                | ug/L |   | 100  | 76 - 121    | 2   | 20        |
| Toluene             | 50.0        | 49.8        |                | ug/L |   | 100  | 68 - 127    | 3   | 20        |
| m-Xylene & p-Xylene | 50.0        | 49.4        |                | ug/L |   | 99   | 76 - 122    | 2   | 20        |
| o-Xylene            | 50.0        | 50.8        |                | ug/L |   | 102  | 77 - 120    | 2   | 20        |
| Xylenes, Total      | 100         | 100         |                | ug/L |   | 100  | 77 - 120    | 2   | 20        |
| Naphthalene         | 50.0        | 49.2        |                | ug/L |   | 98   | 63 - 129    | 4   | 21        |

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# QC Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 280-641208/5

Matrix: Water

Analysis Batch: 641208

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

|                              | LCSD      | LCSD      |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 70 - 127 |
| Toluene-d8 (Surr)            | 102       |           | 80 - 125 |
| 4-Bromofluorobenzene (Surr)  | 90        |           | 78 - 120 |
| Dibromofluoromethane (Surr)  | 101       |           | 77 - 120 |

Lab Sample ID: 280-187041-A-9 MS

Matrix: Water

Analysis Batch: 641208

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Benzene             | ND            |                  | 25.0        | 24.3      |              | ug/L |   | 97   | 69 - 126    |
| Ethylbenzene        | ND            |                  | 25.0        | 23.0      |              | ug/L |   | 92   | 76 - 121    |
| Toluene             | ND            |                  | 25.0        | 24.3      |              | ug/L |   | 97   | 68 - 127    |
| m-Xylene & p-Xylene | ND            |                  | 25.0        | 23.1      |              | ug/L |   | 92   | 76 - 122    |
| o-Xylene            | ND            |                  | 25.0        | 23.5      |              | ug/L |   | 94   | 77 - 120    |
| Xylenes, Total      | ND            |                  | 50.0        | 46.6      |              | ug/L |   | 93   | 77 - 120    |
| Naphthalene         | ND            |                  | 25.0        | 22.4      |              | ug/L |   | 89   | 63 - 129    |

|                              | MS        | MS        |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 70 - 127 |
| Toluene-d8 (Surr)            | 102       |           | 80 - 125 |
| 4-Bromofluorobenzene (Surr)  | 91        |           | 78 - 120 |
| Dibromofluoromethane (Surr)  | 102       |           | 77 - 120 |

Lab Sample ID: 280-187041-A-9 MSD

Matrix: Water

Analysis Batch: 641208

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Benzene             | ND            |                  | 25.0        | 23.8       |               | ug/L |   | 95   | 69 - 126    | 2   | 20        |
| Ethylbenzene        | ND            |                  | 25.0        | 22.9       |               | ug/L |   | 92   | 76 - 121    | 0   | 20        |
| Toluene             | ND            |                  | 25.0        | 23.5       |               | ug/L |   | 94   | 68 - 127    | 3   | 20        |
| m-Xylene & p-Xylene | ND            |                  | 25.0        | 22.6       |               | ug/L |   | 91   | 76 - 122    | 2   | 20        |
| o-Xylene            | ND            |                  | 25.0        | 23.3       |               | ug/L |   | 93   | 77 - 120    | 1   | 20        |
| Xylenes, Total      | ND            |                  | 50.0        | 45.9       |               | ug/L |   | 92   | 77 - 120    | 2   | 20        |
| Naphthalene         | ND            |                  | 25.0        | 23.3       |               | ug/L |   | 93   | 63 - 129    | 4   | 21        |

|                              | MSD       | MSD       |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 70 - 127 |
| Toluene-d8 (Surr)            | 101       |           | 80 - 125 |
| 4-Bromofluorobenzene (Surr)  | 90        |           | 78 - 120 |
| Dibromofluoromethane (Surr)  | 102       |           | 77 - 120 |

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# QC Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 280-641220/12

Matrix: Water

Analysis Batch: 641220

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                              | MB Result | MB Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------|-----------|--------------|----------|-----|------|---|----------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | ND        |              | 25       |     | ug/L |   |          | 01/27/24 14:22 | 1       |
| Surrogate                            | %Recovery | MB Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (Surr)        | 97        |              | 82 - 110 |     |      |   |          | 01/27/24 14:22 | 1       |

Lab Sample ID: LCS 280-641220/10

Matrix: Water

Analysis Batch: 641220

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                              | Spike Added | LCS Result    | LCS Qualifier | Unit | D | %Rec | %Rec Limits |  |  |
|--------------------------------------|-------------|---------------|---------------|------|---|------|-------------|--|--|
| Gasoline Range Organics (GRO)-C6-C10 | 426         | 402           |               | ug/L |   | 94   | 79 - 149    |  |  |
| Surrogate                            | %Recovery   | LCS Qualifier | Limits        |      |   |      |             |  |  |
| a,a,a-Trifluorotoluene (Surr)        | 103         |               | 82 - 110      |      |   |      |             |  |  |

Lab Sample ID: LCSD 280-641220/11

Matrix: Water

Analysis Batch: 641220

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                              | Spike Added | LCSD Result    | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|-------------|----------------|----------------|------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | 426         | 398            |                | ug/L |   | 93   | 79 - 149    | 1   | 27        |
| Surrogate                            | %Recovery   | LCSD Qualifier | Limits         |      |   |      |             |     |           |
| a,a,a-Trifluorotoluene (Surr)        | 103         |                | 82 - 110       |      |   |      |             |     |           |

## Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 280-641381/1-A

Matrix: Water

Analysis Batch: 641712

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 641381

| Analyte             | MB Result | MB Qualifier | RL       | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|-----------|--------------|----------|-----|------|---|----------------|----------------|---------|
| DRO [C10-C36]       | ND        |              | 0.50     |     | mg/L |   | 01/30/24 12:53 | 02/01/24 15:51 | 1       |
| Surrogate           | %Recovery | MB Qualifier | Limits   |     |      |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl         | 99        |              | 62 - 153 |     |      |   | 01/30/24 12:53 | 02/01/24 15:51 | 1       |
| n-Octacosane (Surr) | 82        |              | 45 - 156 |     |      |   | 01/30/24 12:53 | 02/01/24 15:51 | 1       |

Lab Sample ID: LCS 280-641381/2-A

Matrix: Water

Analysis Batch: 641712

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 641381

| Analyte       | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |  |  |
|---------------|-------------|------------|---------------|------|---|------|-------------|--|--|
| DRO [C10-C36] | 2.00        | 1.92       |               | mg/L |   | 96   | 47 - 123    |  |  |

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# QC Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 280-641381/2-A  
Matrix: Water  
Analysis Batch: 641712

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 641381

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| <i>o</i> -Terphenyl         | 104       |           | 62 - 153 |
| <i>n</i> -Octacosane (Surr) | 88        |           | 45 - 156 |

Lab Sample ID: LCSD 280-641381/3-A  
Matrix: Water  
Analysis Batch: 641712

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 641381

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| DRO [C10-C36]               | 2.00        | 2.00        |                | mg/L |   | 100  | 47 - 123    | 4   | 36        |
|                             | LCSD        | LCSD        |                |      |   |      |             |     |           |
| Surrogate                   | %Recovery   | Qualifier   | Limits         |      |   |      |             |     |           |
| <i>o</i> -Terphenyl         | 110         |             | 62 - 153       |      |   |      |             |     |           |
| <i>n</i> -Octacosane (Surr) | 93          |             | 45 - 156       |      |   |      |             |     |           |

## Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 280-641189/1-A  
Matrix: Water  
Analysis Batch: 641361

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 641189

| Analyte   | MB Result | MB Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|--------------|------|-----|------|---|----------------|----------------|---------|
| Boron     | ND        |              | 100  |     | ug/L |   | 01/29/24 08:36 | 01/29/24 17:21 | 1       |
| Barium    | ND        |              | 10   |     | ug/L |   | 01/29/24 08:36 | 01/29/24 17:21 | 1       |
| Calcium   | ND        |              | 0.20 |     | mg/L |   | 01/29/24 08:36 | 01/29/24 17:21 | 1       |
| Iron      | ND        |              | 100  |     | ug/L |   | 01/29/24 08:36 | 01/29/24 17:21 | 1       |
| Potassium | ND        |              | 3000 |     | ug/L |   | 01/29/24 08:36 | 01/29/24 17:21 | 1       |
| Magnesium | ND        |              | 0.20 |     | mg/L |   | 01/29/24 08:36 | 01/29/24 17:21 | 1       |
| Manganese | ND        |              | 10   |     | ug/L |   | 01/29/24 08:36 | 01/29/24 17:21 | 1       |
| Sodium    | ND        |              | 1.0  |     | mg/L |   | 01/29/24 08:36 | 01/29/24 17:21 | 1       |
| Strontium | ND        |              | 10   |     | ug/L |   | 01/29/24 08:36 | 01/29/24 17:21 | 1       |

Lab Sample ID: LCS 280-641189/2-A  
Matrix: Water  
Analysis Batch: 641361

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 641189

| Analyte   | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------|-------------|------------|---------------|------|---|------|-------------|
| Boron     | 2000        | 2030       |               | ug/L |   | 102  | 86 - 110    |
| Barium    | 1000        | 1000       |               | ug/L |   | 100  | 90 - 112    |
| Calcium   | 50.0        | 52.0       |               | mg/L |   | 104  | 90 - 111    |
| Iron      | 10000       | 10500      |               | ug/L |   | 105  | 85 - 115    |
| Potassium | 50000       | 50900      |               | ug/L |   | 102  | 89 - 114    |
| Magnesium | 50.0        | 52.7       |               | mg/L |   | 105  | 90 - 113    |
| Manganese | 1000        | 1050       |               | ug/L |   | 105  | 90 - 110    |
| Sodium    | 50.0        | 49.7       |               | mg/L |   | 99   | 90 - 115    |
| Strontium | 1000        | 981        |               | ug/L |   | 98   | 90 - 111    |

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# QC Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 280-187019-E-6-C MS  
Matrix: Water  
Analysis Batch: 641361

Client Sample ID: Matrix Spike  
Prep Type: Total Recoverable  
Prep Batch: 641189

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Boron     | 640           |                  | 2000        | 2800      |              | ug/L |   | 108  | 70 - 130    |
| Barium    | 15            |                  | 1000        | 1030      |              | ug/L |   | 102  | 70 - 130    |
| Calcium   | 570           |                  | 50.0        | 630       | 4            | mg/L |   | 122  | 70 - 130    |
| Iron      | ND            |                  | 10000       | 10500     |              | ug/L |   | 105  | 70 - 130    |
| Potassium | 11000         |                  | 50000       | 66100     |              | ug/L |   | 111  | 70 - 130    |
| Magnesium | 210           |                  | 50.0        | 264       | 4            | mg/L |   | 116  | 70 - 130    |
| Manganese | ND            |                  | 1000        | 1040      |              | ug/L |   | 103  | 70 - 130    |
| Sodium    | 180           |                  | 50.0        | 241       |              | mg/L |   | 114  | 70 - 130    |
| Strontium | 5200          |                  | 1000        | 6340      | 4            | ug/L |   | 115  | 70 - 130    |

Lab Sample ID: 280-187019-E-6-D MSD  
Matrix: Water  
Analysis Batch: 641361

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total Recoverable  
Prep Batch: 641189

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Boron     | 640           |                  | 2000        | 2760       |               | ug/L |   | 106  | 70 - 130    | 1   | 20        |
| Barium    | 15            |                  | 1000        | 1030       |               | ug/L |   | 101  | 70 - 130    | 0   | 20        |
| Calcium   | 570           |                  | 50.0        | 609        | 4             | mg/L |   | 79   | 70 - 130    | 4   | 20        |
| Iron      | ND            |                  | 10000       | 10500      |               | ug/L |   | 104  | 70 - 130    | 0   | 20        |
| Potassium | 11000         |                  | 50000       | 65400      |               | ug/L |   | 109  | 70 - 130    | 1   | 20        |
| Magnesium | 210           |                  | 50.0        | 256        | 4             | mg/L |   | 100  | 70 - 130    | 3   | 20        |
| Manganese | ND            |                  | 1000        | 1040       |               | ug/L |   | 103  | 70 - 130    | 0   | 20        |
| Sodium    | 180           |                  | 50.0        | 233        |               | mg/L |   | 98   | 70 - 130    | 3   | 20        |
| Strontium | 5200          |                  | 1000        | 6120       | 4             | ug/L |   | 93   | 70 - 130    | 4   | 20        |

## Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 280-641184/1-A  
Matrix: Water  
Analysis Batch: 641507

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 641184

| Analyte  | MB Result | MB Qualifier | RL  | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------|-----------|--------------|-----|-----|------|---|----------------|----------------|---------|
| Selenium | ND        |              | 5.0 |     | ug/L |   | 01/29/24 08:36 | 01/30/24 17:10 | 1       |

Lab Sample ID: LCS 280-641184/2-A  
Matrix: Water  
Analysis Batch: 641507

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 641184

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Selenium | 40.0        | 42.3       |               | ug/L |   | 106  | 85 - 114    |

Lab Sample ID: 280-187023-A-4-B MS  
Matrix: Water  
Analysis Batch: 641507

Client Sample ID: Matrix Spike  
Prep Type: Total Recoverable  
Prep Batch: 641184

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Selenium | 36            |                  | 40.0        | 75.9      |              | ug/L |   | 98   | 85 - 114    |

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# QC Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 280-187023-A-4-C MSD

Matrix: Water

Analysis Batch: 641507

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 641184

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Selenium | 36            |                  | 40.0        | 74.4       |               | ug/L |   | 95   | 85 - 114    | 2   | 20        |

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 280-641156/6

Matrix: Water

Analysis Batch: 641156

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte      | MB Result | MB Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------|-----------|--------------|------|-----|------|---|----------|----------------|---------|
| Nitrate as N | ND        |              | 0.10 |     | mg/L |   |          | 01/26/24 12:26 | 1       |
| Nitrite as N | ND        |              | 0.10 |     | mg/L |   |          | 01/26/24 12:26 | 1       |

Lab Sample ID: LCS 280-641156/4

Matrix: Water

Analysis Batch: 641156

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------|-------------|------------|---------------|------|---|------|-------------|
| Nitrate as N | 5.00        | 4.71       |               | mg/L |   | 94   | 90 - 110    |
| Nitrite as N | 5.00        | 4.82       |               | mg/L |   | 96   | 90 - 110    |

Lab Sample ID: LCSD 280-641156/5

Matrix: Water

Analysis Batch: 641156

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Nitrate as N | 5.00        | 4.71        |                | mg/L |   | 94   | 90 - 110    | 0   | 10        |
| Nitrite as N | 5.00        | 4.97        |                | mg/L |   | 99   | 90 - 110    | 3   | 10        |

Lab Sample ID: MRL 280-641156/3

Matrix: Water

Analysis Batch: 641156

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte      | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------|-------------|------------|---------------|------|---|------|-------------|
| Nitrate as N | 0.500       | 0.466      | J             | mg/L |   | 93   | 50 - 150    |
| Nitrite as N | 0.500       | 0.515      |               | mg/L |   | 103  | 50 - 150    |

Lab Sample ID: 280-187012-C-6 MS

Matrix: Water

Analysis Batch: 641156

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Nitrate as N | 1.2           |                  | 5.00        | 5.90      |              | mg/L |   | 93   | 80 - 120    |
| Nitrite as N | ND            | F1               | 5.00        | 9.90      | F1           | mg/L |   | 198  | 80 - 120    |

Lab Sample ID: 280-187012-C-6 MSD

Matrix: Water

Analysis Batch: 641156

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte      | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Nitrate as N | 1.2           |                  | 5.00        | 5.94       |               | mg/L |   | 94   | 80 - 120    | 1   | 20        |

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# QC Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 280-187012-C-6 MSD

Matrix: Water

Analysis Batch: 641156

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte      | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Nitrite as N | ND            | F1               | 5.00        | 9.83       | F1            | mg/L |   | 197  | 80 - 120    | 1   | 20        |

Lab Sample ID: 280-187012-C-6 DU

Matrix: Water

Analysis Batch: 641156

Client Sample ID: Duplicate

Prep Type: Total/NA

| Analyte      | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|--------------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Nitrate as N | 1.2           |                  | 1.23      |              | mg/L |   | 0.4 | 15        |
| Nitrite as N | ND            | F1               | ND        |              | mg/L |   | NC  | 15        |

Lab Sample ID: MB 280-641157/6

Matrix: Water

Analysis Batch: 641157

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|-----------|--------------|-----|-----|------|---|----------|----------------|---------|
| Sulfate | ND        |              | 5.0 |     | mg/L |   |          | 01/26/24 12:26 | 1       |

Lab Sample ID: LCS 280-641157/4

Matrix: Water

Analysis Batch: 641157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Sulfate | 100         | 103        |               | mg/L |   | 103  | 90 - 110    |

Lab Sample ID: LCSD 280-641157/5

Matrix: Water

Analysis Batch: 641157

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Sulfate | 100         | 103         |                | mg/L |   | 103  | 90 - 110    | 0   | 10        |

Lab Sample ID: MRL 280-641157/3

Matrix: Water

Analysis Batch: 641157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Sulfate | 5.00        | 5.09       |               | mg/L |   | 102  | 50 - 150    |

Lab Sample ID: 280-187012-C-6 MS

Matrix: Water

Analysis Batch: 641157

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Bromide  | 0.24          |                  | 5.00        | 4.78      |              | mg/L |   | 91   | 80 - 120    |
| Chloride | 17            |                  | 50.0        | 69.0      |              | mg/L |   | 104  | 80 - 120    |
| Fluoride | 0.59          |                  | 5.00        | 4.92      |              | mg/L |   | 87   | 80 - 120    |
| Sulfate  | 290           | E                | 50.0        | 336       | E 4          | mg/L |   | 97   | 80 - 120    |

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# QC Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 280-187012-C-6 MSD

Matrix: Water

Analysis Batch: 641157

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Bromide  | 0.24          |                  | 5.00        | 4.83       |               | mg/L |   | 92   | 80 - 120    | 1   | 20        |
| Chloride | 17            |                  | 50.0        | 69.8       |               | mg/L |   | 106  | 80 - 120    | 1   | 20        |
| Fluoride | 0.59          |                  | 5.00        | 4.96       |               | mg/L |   | 88   | 80 - 120    | 1   | 20        |
| Sulfate  | 290           | E                | 50.0        | 337        | E 4           | mg/L |   | 100  | 80 - 120    | 0   | 20        |

Lab Sample ID: 280-187012-C-11 MS

Matrix: Water

Analysis Batch: 641157

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|-----|-----------|
| Bromide  | 0.31          |                  | 5.00        | 5.14      |              | mg/L |   | 97   | 80 - 120    |     |           |
| Chloride | 35            |                  | 50.0        | 87.1      |              | mg/L |   | 103  | 80 - 120    |     |           |
| Sulfate  | 280           | E                | 50.0        | 333       | E 4          | mg/L |   | 107  | 80 - 120    |     |           |

Lab Sample ID: 280-187012-C-11 MSD

Matrix: Water

Analysis Batch: 641157

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Bromide  | 0.31          |                  | 5.00        | 5.14       |               | mg/L |   | 97   | 80 - 120    | 0   | 20        |
| Chloride | 35            |                  | 50.0        | 87.8       |               | mg/L |   | 105  | 80 - 120    | 1   | 20        |
| Sulfate  | 280           | E                | 50.0        | 335        | E 4           | mg/L |   | 111  | 80 - 120    | 1   | 20        |

Lab Sample ID: 280-187012-C-6 DU

Matrix: Water

Analysis Batch: 641157

Client Sample ID: Duplicate

Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|----------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Bromide  | 0.24          |                  | 0.239     |              | mg/L |   | 0.6 | 15        |
| Chloride | 17            |                  | 17.0      |              | mg/L |   | 0.3 | 15        |
| Fluoride | 0.59          |                  | 0.587     |              | mg/L |   | 0.2 | 15        |
| Sulfate  | 290           | E                | 289       | E            | mg/L |   | 0.5 | 15        |

Lab Sample ID: 280-187012-C-11 DU

Matrix: Water

Analysis Batch: 641157

Client Sample ID: Duplicate

Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|----------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Bromide  | 0.31          |                  | 0.309     |              | mg/L |   | 0.9 | 15        |
| Chloride | 35            |                  | 35.5      |              | mg/L |   | 0.1 | 15        |
| Sulfate  | 280           | E                | 284       | E            | mg/L |   | 2   | 15        |

Lab Sample ID: MB 280-641253/6

Matrix: Water

Analysis Batch: 641253

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|-----------|--------------|------|-----|------|---|----------|----------------|---------|
| Bromide | ND        |              | 0.23 |     | mg/L |   |          | 01/29/24 16:22 | 1       |

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# QC Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 280-641253/4

Matrix: Water

Analysis Batch: 641253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Bromide | 5.00        | 4.96       |               | mg/L |   | 99   | 90 - 110    |

Lab Sample ID: LCSD 280-641253/5

Matrix: Water

Analysis Batch: 641253

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Bromide | 5.00        | 4.94        |                | mg/L |   | 99   | 90 - 110    | 0   | 10        |

Lab Sample ID: MRL 280-641253/3

Matrix: Water

Analysis Batch: 641253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Bromide | 0.500       | 0.607      |               | mg/L |   | 121  | 50 - 150    |

Lab Sample ID: 280-186920-K-1 MS

Matrix: Water

Analysis Batch: 641253

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Bromide | ND            |                  | 5.00        | 5.43      |              | mg/L |   | 109  | 80 - 120    |

Lab Sample ID: 280-186920-K-1 MSD

Matrix: Water

Analysis Batch: 641253

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Bromide | ND            |                  | 5.00        | 5.26       |               | mg/L |   | 105  | 80 - 120    | 3   | 20        |

Lab Sample ID: 280-186920-K-1 DU

Matrix: Water

Analysis Batch: 641253

Client Sample ID: Duplicate

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Bromide | ND            |                  | ND        |              | mg/L |   | NC  | 15        |

Lab Sample ID: MB 280-641536/6

Matrix: Water

Analysis Batch: 641536

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte  | MB Result | MB Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------|-----------|--------------|-----|-----|------|---|----------|----------------|---------|
| Chloride | 1.19      |              | 1.0 |     | mg/L |   |          | 01/31/24 13:18 | 1       |

Lab Sample ID: LCS 280-641536/4

Matrix: Water

Analysis Batch: 641536

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Chloride | 100         | 94.6       |               | mg/L |   | 95   | 90 - 110    |

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# QC Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 280-641536/5

Matrix: Water

Analysis Batch: 641536

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte  | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Chloride | 100         | 94.7        |                | mg/L |   | 95   | 90 - 110    | 0   | 10        |

Lab Sample ID: MRL 280-641536/3

Matrix: Water

Analysis Batch: 641536

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte  | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Chloride | 5.00        | 4.59       |               | mg/L |   | 92   | 50 - 150    |     |           |

Lab Sample ID: 280-187163-A-1 MS

Matrix: Water

Analysis Batch: 641536

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|-----|-----------|
| Chloride | 930           | E B              | 50.0        | 980       | E 4          | mg/L |   | 110  | 80 - 120    |     |           |

Lab Sample ID: 280-187163-A-1 MSD

Matrix: Water

Analysis Batch: 641536

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Chloride | 930           | E B              | 50.0        | 985        | E 4           | mg/L |   | 119  | 80 - 120    | 0   | 20        |

Lab Sample ID: 280-187163-A-1 DU

Matrix: Water

Analysis Batch: 641536

Client Sample ID: Duplicate

Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | Spike Added | DU Result | DU Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|-----|-----------|
| Chloride | 930           | E B              |             | 930       | E            | mg/L |   |      |             | 0.5 | 15        |

Lab Sample ID: MB 280-641654/6

Matrix: Water

Analysis Batch: 641654

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte  | MB Result | MB Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------|-----------|--------------|------|-----|------|---|----------|----------------|---------|
| Fluoride | ND        |              | 0.20 |     | mg/L |   |          | 02/01/24 11:01 | 1       |

Lab Sample ID: LCS 280-641654/4

Matrix: Water

Analysis Batch: 641654

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Fluoride | 5.00        | 4.73       |               | mg/L |   | 95   | 90 - 110    |     |           |

Lab Sample ID: LCSD 280-641654/5

Matrix: Water

Analysis Batch: 641654

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte  | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Fluoride | 5.00        | 4.75        |                | mg/L |   | 95   | 90 - 110    | 0   | 10        |

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# QC Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MRL 280-641654/3

Matrix: Water

Analysis Batch: 641654

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte  | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Fluoride | 0.500       | 0.424      | J             | mg/L |   | 85   | 50 - 150    |

Lab Sample ID: 280-187007-1 MS

Matrix: Water

Analysis Batch: 641654

Client Sample ID: CINDY H 23-27

Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Fluoride | 1.9           |                  | 5.00        | 6.87      |              | mg/L |   | 100  | 80 - 120    |

Lab Sample ID: 280-187007-1 MSD

Matrix: Water

Analysis Batch: 641654

Client Sample ID: CINDY H 23-27

Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Fluoride | 1.9           |                  | 5.00        | 6.76       |               | mg/L |   | 98   | 80 - 120    | 2   | 20        |

Lab Sample ID: 280-187007-1 DU

Matrix: Water

Analysis Batch: 641654

Client Sample ID: CINDY H 23-27

Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|----------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Fluoride | 1.9           |                  | 1.88      |              | mg/L |   | 2   | 15        |

## Method: 365.1 - Phosphorus, Total

Lab Sample ID: MB 280-641427/5-A

Matrix: Water

Analysis Batch: 641492

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 641427

| Analyte           | MB Result | MB Qualifier | RL    | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------|-----------|--------------|-------|-----|------|---|----------------|----------------|---------|
| Phosphorus, Total | ND        |              | 0.050 |     | mg/L |   | 01/30/24 11:24 | 01/30/24 17:08 | 1       |

Lab Sample ID: LCS 280-641427/3-A

Matrix: Water

Analysis Batch: 641492

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 641427

| Analyte           | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------|-------------|------------|---------------|------|---|------|-------------|
| Phosphorus, Total | 0.500       | 0.484      |               | mg/L |   | 97   | 90 - 110    |

Lab Sample ID: LCSD 280-641427/4-A

Matrix: Water

Analysis Batch: 641492

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 641427

| Analyte           | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Phosphorus, Total | 0.500       | 0.467       |                | mg/L |   | 93   | 90 - 110    | 4   | 10        |

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# QC Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: 365.1 - Phosphorus, Total (Continued)

Lab Sample ID: 280-187007-1 MS

Matrix: Water

Analysis Batch: 641492

Client Sample ID: CINDY H 23-27

Prep Type: Total/NA

Prep Batch: 641427

| Analyte           | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Phosphorus, Total | 0.13          |                  | 0.500       | 0.600     |              | mg/L |   | 94   | 90 - 110    |

Lab Sample ID: 280-187007-1 MSD

Matrix: Water

Analysis Batch: 641492

Client Sample ID: CINDY H 23-27

Prep Type: Total/NA

Prep Batch: 641427

| Analyte           | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | Limit |
|-------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-------|
| Phosphorus, Total | 0.13          |                  | 0.500       | 0.601      |               | mg/L |   | 94   | 90 - 110    | 0   | 10    |

## Method: SM 2320B - Alkalinity

Lab Sample ID: MB 280-641549/6

Matrix: Water

Analysis Batch: 641549

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                         | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-----------|--------------|----|-----|------|---|----------|----------------|---------|
| Total Alkalinity                | ND        |              | 10 |     | mg/L |   |          | 01/30/24 13:53 | 1       |
| Bicarbonate Alkalinity as CaCO3 | ND        |              | 10 |     | mg/L |   |          | 01/30/24 13:53 | 1       |
| Carbonate Alkalinity as CaCO3   | ND        |              | 10 |     | mg/L |   |          | 01/30/24 13:53 | 1       |

Lab Sample ID: LCS 280-641549/4

Matrix: Water

Analysis Batch: 641549

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte          | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------|-------------|------------|---------------|------|---|------|-------------|
| Total Alkalinity | 200         | 206        |               | mg/L |   | 103  | 89 - 110    |

Lab Sample ID: LCSD 280-641549/5

Matrix: Water

Analysis Batch: 641549

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte          | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | Limit |
|------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-------|
| Total Alkalinity | 200         | 211         |                | mg/L |   | 106  | 89 - 110    | 3   | 10    |

Lab Sample ID: 280-186813-A-2 DU

Matrix: Water

Analysis Batch: 641549

Client Sample ID: Duplicate

Prep Type: Total/NA

| Analyte                         | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | Limit |
|---------------------------------|---------------|------------------|-----------|--------------|------|---|-----|-------|
| Total Alkalinity                | 410           |                  | 406       |              | mg/L |   | 0.2 | 10    |
| Bicarbonate Alkalinity as CaCO3 | 410           |                  | 406       |              | mg/L |   | 0.2 | 20    |
| Carbonate Alkalinity as CaCO3   | ND            |                  | ND        |              | mg/L |   | NC  | 20    |

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# QC Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 280-642198/5  
Matrix: Water  
Analysis Batch: 642198

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte              | MB<br>Result | MB<br>Qualifier | RL  | RL | Unit     | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------------|-----------------|-----|----|----------|---|----------|----------------|---------|
| Specific Conductance | ND           |                 | 1.0 |    | umhos/cm |   |          | 02/06/24 15:10 | 1       |

Lab Sample ID: LCS 280-642198/4  
Matrix: Water  
Analysis Batch: 642198

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte              | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit     | D | %Rec | %Rec<br>Limits |
|----------------------|----------------|---------------|------------------|----------|---|------|----------------|
| Specific Conductance | 1410           | 1400          |                  | umhos/cm |   | 100  | 90 - 110       |

Lab Sample ID: 280-187007-1 DU  
Matrix: Water  
Analysis Batch: 642198

Client Sample ID: CINDY H 23-27  
Prep Type: Total/NA

| Analyte              | Sample<br>Result | Sample<br>Qualifier | DU<br>Result | DU<br>Qualifier | Unit     | D | RPD | RPD<br>Limit |
|----------------------|------------------|---------------------|--------------|-----------------|----------|---|-----|--------------|
| Specific Conductance | 9800             |                     | 9880         |                 | umhos/cm |   | 0.8 | 10           |

## Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 280-641385/1  
Matrix: Water  
Analysis Batch: 641385

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte                | MB<br>Result | MB<br>Qualifier | RL | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|--------------|-----------------|----|-----|------|---|----------|----------------|---------|
| Total Dissolved Solids | ND           |                 | 10 |     | mg/L |   |          | 01/30/24 09:57 | 1       |

Lab Sample ID: LCS 280-641385/2  
Matrix: Water  
Analysis Batch: 641385

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte                | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------|----------------|---------------|------------------|------|---|------|----------------|
| Total Dissolved Solids | 500            | 505           |                  | mg/L |   | 101  | 88 - 114       |

Lab Sample ID: LCSD 280-641385/3  
Matrix: Water  
Analysis Batch: 641385

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA

| Analyte                | Spike<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|------------------------|----------------|----------------|-------------------|------|---|------|----------------|-----|--------------|
| Total Dissolved Solids | 500            | 502            |                   | mg/L |   | 100  | 88 - 114       | 1   | 20           |

Lab Sample ID: 160-52939-A-13 DU  
Matrix: Water  
Analysis Batch: 641385

Client Sample ID: Duplicate  
Prep Type: Total/NA

| Analyte                | Sample<br>Result | Sample<br>Qualifier | DU<br>Result | DU<br>Qualifier | Unit | D | RPD | RPD<br>Limit |
|------------------------|------------------|---------------------|--------------|-----------------|------|---|-----|--------------|
| Total Dissolved Solids | 730              |                     | 736          |                 | mg/L |   | 0.8 | 10           |

# QC Sample Results

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 280-641451/1  
Matrix: Water  
Analysis Batch: 641451

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte                | MB Result | MB Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|-----|-----|------|---|----------|----------------|---------|
| Total Suspended Solids | ND        |              | 4.0 |     | mg/L |   |          | 01/30/24 13:45 | 1       |

Lab Sample ID: LCS 280-641451/2  
Matrix: Water  
Analysis Batch: 641451

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Total Suspended Solids | 500         | 471        |               | mg/L |   | 94   | 79 - 114    |

Lab Sample ID: LCSD 280-641451/3  
Matrix: Water  
Analysis Batch: 641451

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA

| Analyte                | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Total Suspended Solids | 500         | 522         |                | mg/L |   | 104  | 79 - 114    | 10  | 20        |

Lab Sample ID: 160-52939-A-2 DU  
Matrix: Water  
Analysis Batch: 641451

Client Sample ID: Duplicate  
Prep Type: Total/NA

| Analyte                | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|------------------------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Total Suspended Solids | ND            |                  | ND        |              | mg/L |   | NC  | 10        |

## Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 280-641552/5  
Matrix: Water  
Analysis Batch: 641552

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| pH      | 7.00        | 7.1        |               | SU   |   | 101  | 99 - 101    |

Lab Sample ID: 280-186948-A-1 DU  
Matrix: Water  
Analysis Batch: 641552

Client Sample ID: Duplicate  
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| pH      | 6.5           |                  | 7.0       | F3           | SU   |   | 8   | 5         |

# QC Association Summary

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## GC/MS VOA

### Analysis Batch: 641208

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 280-187007-1       | CINDY H 23-27          | Total/NA  | Water  | 8260D  |            |
| MB 280-641208/9    | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 280-641208/4   | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 280-641208/5  | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 280-187041-A-9 MS  | Matrix Spike           | Total/NA  | Water  | 8260D  |            |
| 280-187041-A-9 MSD | Matrix Spike Duplicate | Total/NA  | Water  | 8260D  |            |

## GC VOA

### Analysis Batch: 641220

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 280-187007-1       | CINDY H 23-27          | Total/NA  | Water  | 8015D  |            |
| MB 280-641220/12   | Method Blank           | Total/NA  | Water  | 8015D  |            |
| LCS 280-641220/10  | Lab Control Sample     | Total/NA  | Water  | 8015D  |            |
| LCSD 280-641220/11 | Lab Control Sample Dup | Total/NA  | Water  | 8015D  |            |

## GC Semi VOA

### Prep Batch: 641381

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 280-187007-1        | CINDY H 23-27          | Total/NA  | Water  | 3510C  |            |
| MB 280-641381/1-A   | Method Blank           | Total/NA  | Water  | 3510C  |            |
| LCS 280-641381/2-A  | Lab Control Sample     | Total/NA  | Water  | 3510C  |            |
| LCSD 280-641381/3-A | Lab Control Sample Dup | Total/NA  | Water  | 3510C  |            |

### Analysis Batch: 641712

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 280-187007-1        | CINDY H 23-27          | Total/NA  | Water  | 8015D  | 641381     |
| MB 280-641381/1-A   | Method Blank           | Total/NA  | Water  | 8015D  | 641381     |
| LCS 280-641381/2-A  | Lab Control Sample     | Total/NA  | Water  | 8015D  | 641381     |
| LCSD 280-641381/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8015D  | 641381     |

## Metals

### Prep Batch: 641184

| Lab Sample ID        | Client Sample ID       | Prep Type         | Matrix | Method | Prep Batch |
|----------------------|------------------------|-------------------|--------|--------|------------|
| 280-187007-1         | CINDY H 23-27          | Total/NA          | Water  | 200.8  |            |
| MB 280-641184/1-A    | Method Blank           | Total/NA          | Water  | 200.8  |            |
| LCS 280-641184/2-A   | Lab Control Sample     | Total/NA          | Water  | 200.8  |            |
| 280-187023-A-4-B MS  | Matrix Spike           | Total Recoverable | Water  | 200.8  |            |
| 280-187023-A-4-C MSD | Matrix Spike Duplicate | Total Recoverable | Water  | 200.8  |            |

### Prep Batch: 641189

| Lab Sample ID        | Client Sample ID       | Prep Type         | Matrix | Method | Prep Batch |
|----------------------|------------------------|-------------------|--------|--------|------------|
| 280-187007-1         | CINDY H 23-27          | Total/NA          | Water  | 200.7  |            |
| MB 280-641189/1-A    | Method Blank           | Total/NA          | Water  | 200.7  |            |
| LCS 280-641189/2-A   | Lab Control Sample     | Total/NA          | Water  | 200.7  |            |
| 280-187019-E-6-C MS  | Matrix Spike           | Total Recoverable | Water  | 200.7  |            |
| 280-187019-E-6-D MSD | Matrix Spike Duplicate | Total Recoverable | Water  | 200.7  |            |

# QC Association Summary

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## Metals

### Analysis Batch: 641361

| Lab Sample ID        | Client Sample ID       | Prep Type         | Matrix | Method        | Prep Batch |
|----------------------|------------------------|-------------------|--------|---------------|------------|
| 280-187007-1         | CINDY H 23-27          | Total/NA          | Water  | 200.7 Rev 4.4 | 641189     |
| MB 280-641189/1-A    | Method Blank           | Total/NA          | Water  | 200.7 Rev 4.4 | 641189     |
| LCS 280-641189/2-A   | Lab Control Sample     | Total/NA          | Water  | 200.7 Rev 4.4 | 641189     |
| 280-187019-E-6-C MS  | Matrix Spike           | Total Recoverable | Water  | 200.7 Rev 4.4 | 641189     |
| 280-187019-E-6-D MSD | Matrix Spike Duplicate | Total Recoverable | Water  | 200.7 Rev 4.4 | 641189     |

### Analysis Batch: 641507

| Lab Sample ID        | Client Sample ID       | Prep Type         | Matrix | Method | Prep Batch |
|----------------------|------------------------|-------------------|--------|--------|------------|
| 280-187007-1         | CINDY H 23-27          | Total/NA          | Water  | 200.8  | 641184     |
| MB 280-641184/1-A    | Method Blank           | Total/NA          | Water  | 200.8  | 641184     |
| LCS 280-641184/2-A   | Lab Control Sample     | Total/NA          | Water  | 200.8  | 641184     |
| 280-187023-A-4-B MS  | Matrix Spike           | Total Recoverable | Water  | 200.8  | 641184     |
| 280-187023-A-4-C MSD | Matrix Spike Duplicate | Total Recoverable | Water  | 200.8  | 641184     |

### Analysis Batch: 641645

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method        | Prep Batch |
|---------------|------------------|-----------|--------|---------------|------------|
| 280-187007-1  | CINDY H 23-27    | Total/NA  | Water  | 200.7 Rev 4.4 | 641189     |

## General Chemistry

### Analysis Batch: 641156

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 280-187007-1       | CINDY H 23-27          | Total/NA  | Water  | 300.0  |            |
| MB 280-641156/6    | Method Blank           | Total/NA  | Water  | 300.0  |            |
| LCS 280-641156/4   | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| LCSD 280-641156/5  | Lab Control Sample Dup | Total/NA  | Water  | 300.0  |            |
| MRL 280-641156/3   | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| 280-187012-C-6 MS  | Matrix Spike           | Total/NA  | Water  | 300.0  |            |
| 280-187012-C-6 MSD | Matrix Spike Duplicate | Total/NA  | Water  | 300.0  |            |
| 280-187012-C-6 DU  | Duplicate              | Total/NA  | Water  | 300.0  |            |

### Analysis Batch: 641157

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 280-187007-1        | CINDY H 23-27          | Total/NA  | Water  | 300.0  |            |
| MB 280-641157/6     | Method Blank           | Total/NA  | Water  | 300.0  |            |
| LCS 280-641157/4    | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| LCSD 280-641157/5   | Lab Control Sample Dup | Total/NA  | Water  | 300.0  |            |
| MRL 280-641157/3    | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| 280-187012-C-6 MS   | Matrix Spike           | Total/NA  | Water  | 300.0  |            |
| 280-187012-C-6 MSD  | Matrix Spike Duplicate | Total/NA  | Water  | 300.0  |            |
| 280-187012-C-11 MS  | Matrix Spike           | Total/NA  | Water  | 300.0  |            |
| 280-187012-C-11 MSD | Matrix Spike Duplicate | Total/NA  | Water  | 300.0  |            |
| 280-187012-C-6 DU   | Duplicate              | Total/NA  | Water  | 300.0  |            |
| 280-187012-C-11 DU  | Duplicate              | Total/NA  | Water  | 300.0  |            |

### Analysis Batch: 641253

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 280-187007-1      | CINDY H 23-27          | Total/NA  | Water  | 300.0  |            |
| MB 280-641253/6   | Method Blank           | Total/NA  | Water  | 300.0  |            |
| LCS 280-641253/4  | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| LCSD 280-641253/5 | Lab Control Sample Dup | Total/NA  | Water  | 300.0  |            |

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# QC Association Summary

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## General Chemistry (Continued)

### Analysis Batch: 641253 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| MRL 280-641253/3   | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| 280-186920-K-1 MS  | Matrix Spike           | Total/NA  | Water  | 300.0  |            |
| 280-186920-K-1 MSD | Matrix Spike Duplicate | Total/NA  | Water  | 300.0  |            |
| 280-186920-K-1 DU  | Duplicate              | Total/NA  | Water  | 300.0  |            |

### Analysis Batch: 641385

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 280-187007-1      | CINDY H 23-27          | Total/NA  | Water  | SM 2540C |            |
| MB 280-641385/1   | Method Blank           | Total/NA  | Water  | SM 2540C |            |
| LCS 280-641385/2  | Lab Control Sample     | Total/NA  | Water  | SM 2540C |            |
| LCSD 280-641385/3 | Lab Control Sample Dup | Total/NA  | Water  | SM 2540C |            |
| 160-52939-A-13 DU | Duplicate              | Total/NA  | Water  | SM 2540C |            |

### Prep Batch: 641427

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method          | Prep Batch |
|---------------------|------------------------|-----------|--------|-----------------|------------|
| 280-187007-1        | CINDY H 23-27          | Total/NA  | Water  | 365.2/365.3/365 |            |
| MB 280-641427/5-A   | Method Blank           | Total/NA  | Water  | 365.2/365.3/365 |            |
| LCS 280-641427/3-A  | Lab Control Sample     | Total/NA  | Water  | 365.2/365.3/365 |            |
| LCSD 280-641427/4-A | Lab Control Sample Dup | Total/NA  | Water  | 365.2/365.3/365 |            |
| 280-187007-1 MS     | CINDY H 23-27          | Total/NA  | Water  | 365.2/365.3/365 |            |
| 280-187007-1 MSD    | CINDY H 23-27          | Total/NA  | Water  | 365.2/365.3/365 |            |

### Analysis Batch: 641451

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 280-187007-1      | CINDY H 23-27          | Total/NA  | Water  | SM 2540D |            |
| MB 280-641451/1   | Method Blank           | Total/NA  | Water  | SM 2540D |            |
| LCS 280-641451/2  | Lab Control Sample     | Total/NA  | Water  | SM 2540D |            |
| LCSD 280-641451/3 | Lab Control Sample Dup | Total/NA  | Water  | SM 2540D |            |
| 160-52939-A-2 DU  | Duplicate              | Total/NA  | Water  | SM 2540D |            |

### Analysis Batch: 641492

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 280-187007-1        | CINDY H 23-27          | Total/NA  | Water  | 365.1  | 641427     |
| MB 280-641427/5-A   | Method Blank           | Total/NA  | Water  | 365.1  | 641427     |
| LCS 280-641427/3-A  | Lab Control Sample     | Total/NA  | Water  | 365.1  | 641427     |
| LCSD 280-641427/4-A | Lab Control Sample Dup | Total/NA  | Water  | 365.1  | 641427     |
| 280-187007-1 MS     | CINDY H 23-27          | Total/NA  | Water  | 365.1  | 641427     |
| 280-187007-1 MSD    | CINDY H 23-27          | Total/NA  | Water  | 365.1  | 641427     |

### Analysis Batch: 641536

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 280-187007-1       | CINDY H 23-27          | Total/NA  | Water  | 300.0  |            |
| MB 280-641536/6    | Method Blank           | Total/NA  | Water  | 300.0  |            |
| LCS 280-641536/4   | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| LCSD 280-641536/5  | Lab Control Sample Dup | Total/NA  | Water  | 300.0  |            |
| MRL 280-641536/3   | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| 280-187163-A-1 MS  | Matrix Spike           | Total/NA  | Water  | 300.0  |            |
| 280-187163-A-1 MSD | Matrix Spike Duplicate | Total/NA  | Water  | 300.0  |            |
| 280-187163-A-1 DU  | Duplicate              | Total/NA  | Water  | 300.0  |            |

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# QC Association Summary

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

## General Chemistry

### Analysis Batch: 641549

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 280-187007-1      | CINDY H 23-27          | Total/NA  | Water  | SM 2320B |            |
| MB 280-641549/6   | Method Blank           | Total/NA  | Water  | SM 2320B |            |
| LCS 280-641549/4  | Lab Control Sample     | Total/NA  | Water  | SM 2320B |            |
| LCSD 280-641549/5 | Lab Control Sample Dup | Total/NA  | Water  | SM 2320B |            |
| 280-186813-A-2 DU | Duplicate              | Total/NA  | Water  | SM 2320B |            |

### Analysis Batch: 641552

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method       | Prep Batch |
|-------------------|--------------------|-----------|--------|--------------|------------|
| 280-187007-1      | CINDY H 23-27      | Total/NA  | Water  | SM 4500 H+ B |            |
| LCS 280-641552/5  | Lab Control Sample | Total/NA  | Water  | SM 4500 H+ B |            |
| 280-186948-A-1 DU | Duplicate          | Total/NA  | Water  | SM 4500 H+ B |            |

### Analysis Batch: 641654

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 280-187007-1      | CINDY H 23-27          | Total/NA  | Water  | 300.0  |            |
| MB 280-641654/6   | Method Blank           | Total/NA  | Water  | 300.0  |            |
| LCS 280-641654/4  | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| LCSD 280-641654/5 | Lab Control Sample Dup | Total/NA  | Water  | 300.0  |            |
| MRL 280-641654/3  | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| 280-187007-1 MS   | CINDY H 23-27          | Total/NA  | Water  | 300.0  |            |
| 280-187007-1 MSD  | CINDY H 23-27          | Total/NA  | Water  | 300.0  |            |
| 280-187007-1 DU   | CINDY H 23-27          | Total/NA  | Water  | 300.0  |            |

### Analysis Batch: 642198

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|------------------|--------------------|-----------|--------|----------|------------|
| 280-187007-1     | CINDY H 23-27      | Total/NA  | Water  | SM 2510B |            |
| MB 280-642198/5  | Method Blank       | Total/NA  | Water  | SM 2510B |            |
| LCS 280-642198/4 | Lab Control Sample | Total/NA  | Water  | SM 2510B |            |
| 280-187007-1 DU  | CINDY H 23-27      | Total/NA  | Water  | SM 2510B |            |

# Lab Chronicle

Client: Evergreen Natural Resources LLC  
Project/Site: 909j Water Sampling

Job ID: 280-187007-1

**Client Sample ID: CINDY H 23-27**

**Lab Sample ID: 280-187007-1**

**Date Collected: 01/25/24 13:15**

**Matrix: Water**

**Date Received: 01/26/24 09:20**

| Prep Type | Batch Type | Batch Method    | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|-----------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D           |     | 1          | 5 mL           | 5 mL         | 641208       | 01/27/24 02:07       | ETB     | EET DEN |
| Total/NA  | Analysis   | 8015D           |     | 1          | 5 mL           | 5 mL         | 641220       | 01/27/24 15:06       | SJD     | EET DEN |
| Total/NA  | Prep       | 3510C           |     |            | 1069.9 mL      | 1 mL         | 641381       | 01/30/24 12:53       | EDW     | EET DEN |
| Total/NA  | Analysis   | 8015D           |     | 1          |                |              | 641712       | 02/01/24 23:50       | MJL     | EET DEN |
| Total/NA  | Prep       | 200.7           |     |            | 50 mL          | 50 mL        | 641189       | 01/29/24 08:36       | AES     | EET DEN |
| Total/NA  | Analysis   | 200.7 Rev 4.4   |     | 1          |                |              | 641361       | 01/29/24 17:29       | LMT     | EET DEN |
| Total/NA  | Prep       | 200.7           |     |            | 50 mL          | 50 mL        | 641189       | 01/29/24 08:36       | AES     | EET DEN |
| Total/NA  | Analysis   | 200.7 Rev 4.4   |     | 10         |                |              | 641645       | 01/31/24 22:13       | ADL     | EET DEN |
| Total/NA  | Prep       | 200.8           |     |            | 50 mL          | 50 mL        | 641184       | 01/29/24 08:36       | AMH     | EET DEN |
| Total/NA  | Analysis   | 200.8           |     | 1          |                |              | 641507       | 01/30/24 17:21       | LMT     | EET DEN |
| Total/NA  | Analysis   | 300.0           |     | 1          | 10 mL          | 10 mL        | 641156       | 01/26/24 23:11       | IRC     | EET DEN |
| Total/NA  | Analysis   | 300.0           |     | 1          | 10 mL          | 10 mL        | 641157       | 01/26/24 23:11       | IRC     | EET DEN |
| Total/NA  | Analysis   | 300.0           |     | 1          | 10 mL          | 10 mL        | 641253       | 01/29/24 19:21       | IRC     | EET DEN |
| Total/NA  | Analysis   | 300.0           |     | 50         | 10 mL          | 10 mL        | 641536       | 01/31/24 18:02       | IRC     | EET DEN |
| Total/NA  | Analysis   | 300.0           |     | 1          | 10 mL          | 10 mL        | 641654       | 02/01/24 15:27       | IRC     | EET DEN |
| Total/NA  | Prep       | 365.2/365.3/365 |     |            | 50 mL          | 50 mL        | 641427       | 01/30/24 11:24       | CLP     | EET DEN |
| Total/NA  | Analysis   | 365.1           |     | 1          | 2 mL           | 2 mL         | 641492       | 01/30/24 17:08       | CLP     | EET DEN |
| Total/NA  | Analysis   | SM 2320B        |     | 1          |                |              | 641549       | 01/30/24 14:28       | LL      | EET DEN |
| Total/NA  | Analysis   | SM 2510B        |     | 1          |                |              | 642198       | 02/06/24 15:10       | LL      | EET DEN |
| Total/NA  | Analysis   | SM 2540C        |     | 1          | 10 mL          | 100 mL       | 641385       | 01/30/24 09:57       | AKF     | EET DEN |
| Total/NA  | Analysis   | SM 2540D        |     | 1          | 250 mL         | 250 mL       | 641451       | 01/30/24 13:45       | AKF     | EET DEN |
| Total/NA  | Analysis   | SM 4500 H+ B    |     | 1          |                |              | 641552       | 01/30/24 16:10       | LL      | EET DEN |

## Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100



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