



Environment Testing  
America



## ANALYTICAL REPORT

Eurofins TestAmerica, Denver  
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Arvada, CO 80002  
Tel: (303)736-0100

Laboratory Job ID: 280-155799-1  
Client Project/Site: 909j Water Sampling

For:  
Evergreen Natural Resources LLC  
27000 Hwy 12  
Trinidad, Colorado 81082

Attn: Lab Data

Danielle Harrington

Authorized for release by:  
12/3/2021 11:04:47 AM

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Results relate only to the items tested and the sample(s) as received by the laboratory.

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# Definitions/Glossary

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

Job ID: 280-155799-1

## Qualifiers

### Metals

Qualifier	Qualifier Description
^6+	Interference Check Standard (ICSA and/or ICSAB) is outside acceptance limits, high biased.

### General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
H	Sample was prepped or analyzed beyond the specified holding time
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

## 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/Site: 909j Water Sampling

Job ID: 280-155799-1

**Job ID: 280-155799-1**

**Laboratory: Eurofins TestAmerica, Denver**

Narrative

## CASE NARRATIVE

**Client: Evergreen Natural Resources, Inc.**

**Project: 909j Water Sampling**

**Report Number: 280-155799-1**

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. 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) less than Eurofins TestAmerica's standard reporting limit. 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.

### Receipt

The samples were received on 11/18/2021. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the coolers at receipt time were 1.3°C, 1.8°C and 2.3°C.

### GC/MS Volatiles, 8260B

The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The samples were analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: 268202 (280-155799-1) and 263613 (280-155799-2).

The method 8260B MS/MSD could not be performed, due to insufficient sample volume. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

No other anomalies were observed.

### GC Volatiles, 8015C

The following sample(s) was collected in a properly preserved vial; however, the pH was 7 and outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: 263613 (280-155799-2).

The method 8015C MS/MSD could not be performed, due to insufficient sample volume. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

No other anomalies were observed.

### GC Semivolatiles, 8015C

The method 8015C MS/MSD could not be performed, due to insufficient sample volume. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

The following samples 268202 (280-155799-1) and 264491 (280-155799-3) were light yellow/green in color and contained sediment.

The peak profile present in this sample 264491 (280-155799-3) is atypical of a hydrocarbon pattern and consists of one discrete peak with a large tail on top of a typical DRO hump.

No other anomalies were observed.

## Case Narrative

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

Job ID: 280-155799-1

### Job ID: 280-155799-1 (Continued)

#### Laboratory: Eurofins TestAmerica, Denver (Continued)

##### Total Metals, MCAWW 200.7, MCAWW 200.8

The Method 200.7 MS/MSD was performed on sample from another client and/or lot and was within control limits.

The Method 200.8 MS/MSD was performed on sample from another client and/or lot and was within control limits.

The interference check standard solution (ICSA) associated with the following samples showed results for strontium (25 ppb) at a level greater than 2 times the reporting limit (10 ppb). It is believed that the solution contains trace impurities of this element / these elements and the results are not due to matrix interference. These results are consistent with those found by the manufacturer of the ICSA solution.

No other anomalies were observed.

##### General Chemistry, Various Methods

The reported for Alkalinity Method 2320B for all of the samples were from analyses that were performed outside the recommended sample holding time. The analyses were originally performed within the holding time; however, the associated Quality Control sample(s) failed to meet acceptance criteria. Results are confirmed by the original biased high results.

The Method 300.0 MS/MSDs were performed on samples from another client and/or lot and were outside control limits for Fluoride.

The Method 365.1 MS/MSDs were performed on samples from another client and/or lot and were outside control limits for Total Phosphorus.

All other MS/MSDs were performed on samples from other clients and/or jobs and were in control.

The pH Sample Duplicate were performed on sample from another client and/or lot and were outside control limits.

All other Sample Duplicates were performed on samples from another client and/or lot and were in control.

No other anomalies were observed.

# Detection Summary

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

Job ID: 280-155799-1

## Client Sample ID: 268202

## Lab Sample ID: 280-155799-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	540		100	ug/L		1		200.7 Rev 4.4	Total/NA
Barium	600		10	ug/L		1		200.7 Rev 4.4	Total/NA
Calcium	4.3		0.20	mg/L		1		200.7 Rev 4.4	Total/NA
Iron	92000		100	ug/L		1		200.7 Rev 4.4	Total/NA
Magnesium	0.94		0.20	mg/L		1		200.7 Rev 4.4	Total/NA
Manganese	1100		10	ug/L		1		200.7 Rev 4.4	Total/NA
Sodium	690		5.0	mg/L		1		200.7 Rev 4.4	Total/NA
Strontium	1300	^6+	10	ug/L		1		200.7 Rev 4.4	Total/NA
Bromide	6.4		0.23	mg/L		1		300.0	Total/NA
Nitrate as N	0.10		0.10	mg/L		1		300.0	Total/NA
Chloride	610		5.1	mg/L		5		300.0	Total/NA
Fluoride	2.6		0.20	mg/L		1		300.0	Total/NA
Phosphorus, Total	0.056		0.050	mg/L		1		365.1	Total/NA
Total Alkalinity	680	H	10	mg/L		1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	680	H	10	mg/L		1		SM 2320B	Total/NA
Specific Conductance	3100		1.0	umhos/cm		1		SM 2510B	Total/NA
Total Dissolved Solids	1700		20	mg/L		1		SM 2540C	Total/NA
Total Suspended Solids	160		4.0	mg/L		1		SM 2540D	Total/NA
pH	8.4	HF	0.1	SU		1		SM 4500 H+ B	Total/NA

## Client Sample ID: 263613

## Lab Sample ID: 280-155799-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	1200		10	ug/L		1		200.7 Rev 4.4	Total/NA
Calcium	2.6		0.20	mg/L		1		200.7 Rev 4.4	Total/NA
Iron	1800		100	ug/L		1		200.7 Rev 4.4	Total/NA
Magnesium	0.76		0.20	mg/L		1		200.7 Rev 4.4	Total/NA
Manganese	23		10	ug/L		1		200.7 Rev 4.4	Total/NA
Sodium	720		5.0	mg/L		1		200.7 Rev 4.4	Total/NA
Strontium	620	^6+	10	ug/L		1		200.7 Rev 4.4	Total/NA
Chloride	18		1.0	mg/L		1		300.0	Total/NA
Fluoride	4.6		0.20	mg/L		1		300.0	Total/NA
Total Alkalinity	1500	H	10	mg/L		1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	1400	H	10	mg/L		1		SM 2320B	Total/NA
Carbonate Alkalinity as CaCO3	100	H	10	mg/L		1		SM 2320B	Total/NA
Specific Conductance	2700		1.0	umhos/cm		1		SM 2510B	Total/NA
Total Dissolved Solids	1700		20	mg/L		1		SM 2540C	Total/NA
pH	8.6	HF	0.1	SU		1		SM 4500 H+ B	Total/NA

## Client Sample ID: 264491

## Lab Sample ID: 280-155799-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	1100		100	ug/L		1		200.7 Rev 4.4	Total/NA
Barium	6700		10	ug/L		1		200.7 Rev 4.4	Total/NA
Calcium	21		0.20	mg/L		1		200.7 Rev 4.4	Total/NA
Iron	52000		100	ug/L		1		200.7 Rev 4.4	Total/NA
Potassium	5500		3000	ug/L		1		200.7 Rev 4.4	Total/NA
Magnesium	7.5		0.20	mg/L		1		200.7 Rev 4.4	Total/NA
Manganese	220		10	ug/L		1		200.7 Rev 4.4	Total/NA
Sodium	1600		50	mg/L		10		200.7 Rev 4.4	Total/NA
Strontium	7500	^6+	10	ug/L		1		200.7 Rev 4.4	Total/NA
Bromide	18		2.3	mg/L		10		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

# Detection Summary

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

Job ID: 280-155799-1

## Client Sample ID: 264491 (Continued)

## Lab Sample ID: 280-155799-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2400		20		mg/L	20		300.0	Total/NA
Fluoride	2.8		0.20		mg/L	1		300.0	Total/NA
Phosphorus, Total	0.27		0.050		mg/L	1		365.1	Total/NA
Total Alkalinity	590	H	10		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO <sub>3</sub>	590	H	10		mg/L	1		SM 2320B	Total/NA
Specific Conductance	8100		1.0		umhos/cm	1		SM 2510B	Total/NA
Total Dissolved Solids	2800		100		mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	120		4.0		mg/L	1		SM 2540D	Total/NA
pH	8.0	HF	0.1		SU	1		SM 4500 H+ B	Total/NA

## Client Sample ID: 256668

## Lab Sample ID: 280-155799-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	330		100		ug/L	1		200.7 Rev 4.4	Total/NA
Barium	420		10		ug/L	1		200.7 Rev 4.4	Total/NA
Calcium	4.7		0.20		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	950		100		ug/L	1		200.7 Rev 4.4	Total/NA
Magnesium	0.87		0.20		mg/L	1		200.7 Rev 4.4	Total/NA
Manganese	16		10		ug/L	1		200.7 Rev 4.4	Total/NA
Sodium	640		5.0		mg/L	1		200.7 Rev 4.4	Total/NA
Strontium	860	^6+	10		ug/L	1		200.7 Rev 4.4	Total/NA
Bromide	2.6		0.23		mg/L	1		300.0	Total/NA
Chloride	270		5.1		mg/L	5		300.0	Total/NA
Fluoride	3.9		0.20		mg/L	1		300.0	Total/NA
Sulfate	8.3		5.0		mg/L	1		300.0	Total/NA
Total Alkalinity	1000	H	10		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO <sub>3</sub>	1000	H	10		mg/L	1		SM 2320B	Total/NA
Specific Conductance	2700		1.0		umhos/cm	1		SM 2510B	Total/NA
Total Dissolved Solids	1600		20		mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	8.4		4.0		mg/L	1		SM 2540D	Total/NA
pH	8.1	HF	0.1		SU	1		SM 4500 H+ B	Total/NA

## Client Sample ID: 294815

## Lab Sample ID: 280-155799-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	1200		100		ug/L	1		200.7 Rev 4.4	Total/NA
Barium	1100		10		ug/L	1		200.7 Rev 4.4	Total/NA
Calcium	6.0		0.20		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	4500		100		ug/L	1		200.7 Rev 4.4	Total/NA
Potassium	4800		3000		ug/L	1		200.7 Rev 4.4	Total/NA
Magnesium	1.8		0.20		mg/L	1		200.7 Rev 4.4	Total/NA
Manganese	75		10		ug/L	1		200.7 Rev 4.4	Total/NA
Sodium	1000		50		mg/L	10		200.7 Rev 4.4	Total/NA
Strontium	2000	^6+	10		ug/L	1		200.7 Rev 4.4	Total/NA
Bromide	8.0		1.2		mg/L	5		300.0	Total/NA
Chloride	1000		10		mg/L	10		300.0	Total/NA
Fluoride	2.4		0.20		mg/L	1		300.0	Total/NA
Total Alkalinity	950	H	10		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO <sub>3</sub>	950	H	10		mg/L	1		SM 2320B	Total/NA
Specific Conductance	4700		1.0		umhos/cm	1		SM 2510B	Total/NA
Total Dissolved Solids	2700		40		mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	6.4		4.0		mg/L	1		SM 2540D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

# Detection Summary

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

Job ID: 280-155799-1

## **Client Sample ID: 294815 (Continued)**

## **Lab Sample ID: 280-155799-5**

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	8.2	HF	0.1	SU		1		SM 4500 H+ B	Total/NA

## **Client Sample ID: 301238**

## **Lab Sample ID: 280-155799-6**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.52		0.50	ug/L		1		8260B	Total/NA
Boron	130		100	ug/L		1		200.7 Rev 4.4	Total/NA
Barium	530		10	ug/L		1		200.7 Rev 4.4	Total/NA
Calcium	3.1		0.20	mg/L		1		200.7 Rev 4.4	Total/NA
Iron	1600		100	ug/L		1		200.7 Rev 4.4	Total/NA
Magnesium	0.97		0.20	mg/L		1		200.7 Rev 4.4	Total/NA
Manganese	39		10	ug/L		1		200.7 Rev 4.4	Total/NA
Sodium	810		5.0	mg/L		1		200.7 Rev 4.4	Total/NA
Strontium	930 ^6+		10	ug/L		1		200.7 Rev 4.4	Total/NA
Bromide	4.2		0.23	mg/L		1		300.0	Total/NA
Nitrate as N	0.10		0.10	mg/L		1		300.0	Total/NA
Chloride	440		5.1	mg/L		5		300.0	Total/NA
Fluoride	2.9		0.20	mg/L		1		300.0	Total/NA
Total Alkalinity	1200 H		10	mg/L		1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO <sub>3</sub>	1100 H		10	mg/L		1		SM 2320B	Total/NA
Carbonate Alkalinity as CaCO <sub>3</sub>	85 H		10	mg/L		1		SM 2320B	Total/NA
Specific Conductance	3500		1.0	umhos/cm		1		SM 2510B	Total/NA
Total Dissolved Solids	2100		40	mg/L		1		SM 2540C	Total/NA
pH	8.5 HF		0.1	SU		1		SM 4500 H+ B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

# Method Summary

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

Job ID: 280-155799-1

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

**Protocol References:**

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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:**

TAL DEN = Eurofins TestAmerica, 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: 280-155799-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-155799-1	268202	Water	11/17/21 12:00	11/18/21 08:45
280-155799-2	263613	Water	11/17/21 13:00	11/18/21 08:45
280-155799-3	264491	Water	11/17/21 10:30	11/18/21 08:45
280-155799-4	256668	Water	11/17/21 11:15	11/18/21 08:45
280-155799-5	294815	Water	11/17/21 08:30	11/18/21 08:45
280-155799-6	301238	Water	11/17/21 09:15	11/18/21 08:45

# Client Sample Results

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

Job ID: 280-155799-1

**Client Sample ID: 268202**

**Lab Sample ID: 280-155799-1**

Date Collected: 11/17/21 12:00

Matrix: Water

Date Received: 11/18/21 08:45

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/28/21 17:01	1
Ethylbenzene	ND		0.50		ug/L			11/28/21 17:01	1
Toluene	ND		0.50		ug/L			11/28/21 17:01	1
m-Xylene & p-Xylene	ND		0.50		ug/L			11/28/21 17:01	1
o-Xylene	ND		0.50		ug/L			11/28/21 17:01	1
Xylenes, Total	ND		0.50		ug/L			11/28/21 17:01	1
Naphthalene	ND		1.0		ug/L			11/28/21 17:01	1
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	100			70 - 127				11/28/21 17:01	1
Toluene-d8 (Surr)	92			80 - 125				11/28/21 17:01	1
4-Bromofluorobenzene (Surr)	94			78 - 120				11/28/21 17:01	1
Dibromofluoromethane (Surr)	99			77 - 120				11/28/21 17:01	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		25		ug/L			11/19/21 17:14	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene	87		82 - 110					11/19/21 17:14	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO [C10-C36]	ND		0.50		mg/L		11/22/21 18:27	11/30/21 04:34	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
o-Terphenyl	75		50 - 115				11/22/21 18:27	11/30/21 04:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	540		100		ug/L		11/19/21 15:25	11/20/21 13:51	1
Barium	600		10		ug/L		11/19/21 15:25	11/20/21 13:51	1
Calcium	4.3		0.20		mg/L		11/19/21 15:25	11/20/21 13:51	1
Iron	92000		100		ug/L		11/19/21 15:25	11/30/21 21:22	1
Potassium	ND		3000		ug/L		11/19/21 15:25	11/20/21 13:51	1
Magnesium	0.94		0.20		mg/L		11/19/21 15:25	11/20/21 13:51	1
Manganese	1100		10		ug/L		11/19/21 15:25	11/30/21 21:22	1
Sodium	690		5.0		mg/L		11/19/21 15:25	11/20/21 13:51	1
Strontium	1300 ^6+		10		ug/L		11/19/21 15:25	11/20/21 13:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		5.0		ug/L		11/19/21 15:38	11/22/21 13:53	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	6.4		0.23		mg/L			11/19/21 04:22	1
Nitrate as N	0.10		0.10		mg/L			11/19/21 04:22	1
Chloride	610		5.1		mg/L			11/29/21 20:10	5
Nitrite as N	ND		0.10		mg/L			11/19/21 04:22	1
Fluoride	2.6		0.20		mg/L			11/19/21 04:22	1

Eurofins TestAmerica, Denver

# Client Sample Results

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

Job ID: 280-155799-1

**Client Sample ID: 268202**

**Lab Sample ID: 280-155799-1**

Date Collected: 11/17/21 12:00

Matrix: Water

Date Received: 11/18/21 08:45

## General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0		mg/L			11/19/21 04:22	1
<b>Phosphorus, Total</b>	<b>0.056</b>		0.050		mg/L		11/22/21 08:35	11/22/21 14:28	1
<b>Total Alkalinity</b>	<b>680</b> H		10		mg/L			12/02/21 12:00	1
<b>Bicarbonate Alkalinity as CaCO<sub>3</sub></b>	<b>680</b> H		10		mg/L			12/02/21 12:00	1
Carbonate Alkalinity as CaCO <sub>3</sub>	ND	H	10		mg/L			12/02/21 12:00	1
<b>Total Dissolved Solids</b>	<b>1700</b>		20		mg/L			11/22/21 09:38	1
<b>Total Suspended Solids</b>	<b>160</b>		4.0		mg/L			11/23/21 19:36	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	3100		1.0		umhos/cm			11/23/21 10:46	1
pH	8.4	HF	0.1		SU			11/24/21 12:57	1

Eurofins TestAmerica, Denver

# Client Sample Results

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

Job ID: 280-155799-1

**Client Sample ID: 263613**

**Lab Sample ID: 280-155799-2**

Matrix: Water

Date Collected: 11/17/21 13:00

Date Received: 11/18/21 08:45

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/28/21 17:24	1
Ethylbenzene	ND		0.50		ug/L			11/28/21 17:24	1
Toluene	ND		0.50		ug/L			11/28/21 17:24	1
m-Xylene & p-Xylene	ND		0.50		ug/L			11/28/21 17:24	1
o-Xylene	ND		0.50		ug/L			11/28/21 17:24	1
Xylenes, Total	ND		0.50		ug/L			11/28/21 17:24	1
Naphthalene	ND		1.0		ug/L			11/28/21 17:24	1
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	99			70 - 127				11/28/21 17:24	1
Toluene-d8 (Surr)	93			80 - 125				11/28/21 17:24	1
4-Bromofluorobenzene (Surr)	94			78 - 120				11/28/21 17:24	1
Dibromofluoromethane (Surr)	98			77 - 120				11/28/21 17:24	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		25		ug/L			11/23/21 15:38	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene	86		82 - 110					11/23/21 15:38	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO [C10-C36]	ND		0.037		mg/L		11/22/21 18:27	11/30/21 04:58	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
o-Terphenyl	75		50 - 115				11/22/21 18:27	11/30/21 04:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	ND		100		ug/L		11/19/21 15:25	11/20/21 13:55	1
<b>Barium</b>	<b>1200</b>		10		ug/L		11/19/21 15:25	11/20/21 13:55	1
<b>Calcium</b>	<b>2.6</b>		0.20		mg/L		11/19/21 15:25	11/20/21 13:55	1
<b>Iron</b>	<b>1800</b>		100		ug/L		11/19/21 15:25	11/20/21 13:55	1
Potassium	ND		3000		ug/L		11/19/21 15:25	11/20/21 13:55	1
<b>Magnesium</b>	<b>0.76</b>		0.20		mg/L		11/19/21 15:25	11/20/21 13:55	1
<b>Manganese</b>	<b>23</b>		10		ug/L		11/19/21 15:25	11/20/21 13:55	1
<b>Sodium</b>	<b>720</b>		5.0		mg/L		11/19/21 15:25	11/20/21 13:55	1
<b>Strontium</b>	<b>620 ^6+</b>		10		ug/L		11/19/21 15:25	11/20/21 13:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		5.0		ug/L		11/19/21 15:38	11/22/21 13:57	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		0.23		mg/L			11/19/21 04:36	1
Nitrate as N	ND		0.10		mg/L			11/19/21 04:36	1
<b>Chloride</b>	<b>18</b>		1.0		mg/L			11/19/21 04:36	1
Nitrite as N	ND		0.10		mg/L			11/19/21 04:36	1
<b>Fluoride</b>	<b>4.6</b>		0.20		mg/L			11/19/21 04:36	1

Eurofins TestAmerica, Denver

# Client Sample Results

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

Job ID: 280-155799-1

**Client Sample ID: 263613**

**Lab Sample ID: 280-155799-2**

Date Collected: 11/17/21 13:00

Matrix: Water

Date Received: 11/18/21 08:45

## General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0		mg/L			11/19/21 04:36	1
Phosphorus, Total	ND		0.050		mg/L		11/22/21 08:35	11/22/21 14:29	1
<b>Total Alkalinity</b>	<b>1500</b>	<b>H</b>	10		mg/L			12/02/21 12:22	1
<b>Bicarbonate Alkalinity as CaCO<sub>3</sub></b>	<b>1400</b>	<b>H</b>	10		mg/L			12/02/21 12:22	1
<b>Carbonate Alkalinity as CaCO<sub>3</sub></b>	<b>100</b>	<b>H</b>	10		mg/L			12/02/21 12:22	1
<b>Total Dissolved Solids</b>	<b>1700</b>		20		mg/L			11/22/21 09:38	1
Total Suspended Solids	ND		4.0		mg/L			11/23/21 19:36	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Specific Conductance</b>	<b>2700</b>		1.0		umhos/cm			11/23/21 10:46	1
<b>pH</b>	<b>8.6</b>	<b>HF</b>	0.1		SU			11/24/21 12:44	1

Eurofins TestAmerica, Denver

# Client Sample Results

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

Job ID: 280-155799-1

**Client Sample ID: 264491**

**Lab Sample ID: 280-155799-3**

Matrix: Water

Date Collected: 11/17/21 10:30

Date Received: 11/18/21 08:45

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/28/21 17:46	1
Ethylbenzene	ND		0.50		ug/L			11/28/21 17:46	1
Toluene	ND		0.50		ug/L			11/28/21 17:46	1
m-Xylene & p-Xylene	ND		0.50		ug/L			11/28/21 17:46	1
o-Xylene	ND		0.50		ug/L			11/28/21 17:46	1
Xylenes, Total	ND		0.50		ug/L			11/28/21 17:46	1
Naphthalene	ND		1.0		ug/L			11/28/21 17:46	1
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	98			70 - 127				11/28/21 17:46	1
Toluene-d8 (Surr)	91			80 - 125				11/28/21 17:46	1
4-Bromofluorobenzene (Surr)	94			78 - 120				11/28/21 17:46	1
Dibromofluoromethane (Surr)	94			77 - 120				11/28/21 17:46	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		25		ug/L			11/23/21 16:00	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene	86		82 - 110					11/23/21 16:00	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO [C10-C36]	ND		0.51		mg/L		11/22/21 18:27	11/30/21 05:21	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
o-Terphenyl	77		50 - 115				11/22/21 18:27	11/30/21 05:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1100		100		ug/L		11/19/21 15:25	11/20/21 13:59	1
Barium	6700		10		ug/L		11/19/21 15:25	11/20/21 13:59	1
Calcium	21		0.20		mg/L		11/19/21 15:25	11/20/21 13:59	1
Iron	52000		100		ug/L		11/19/21 15:25	11/20/21 13:59	1
Potassium	5500		3000		ug/L		11/19/21 15:25	11/20/21 13:59	1
Magnesium	7.5		0.20		mg/L		11/19/21 15:25	11/20/21 13:59	1
Manganese	220		10		ug/L		11/19/21 15:25	11/20/21 13:59	1
Sodium	1600		50		mg/L		11/19/21 15:25	11/22/21 12:27	10
Strontium	7500 ^6+		10		ug/L		11/19/21 15:25	11/20/21 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		5.0		ug/L		11/19/21 15:38	11/22/21 14:00	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	18		2.3		mg/L			11/29/21 22:59	10
Nitrate as N	ND		0.10		mg/L			11/19/21 04:50	1
Chloride	2400		20		mg/L			11/29/21 23:13	20
Nitrite as N	ND		0.10		mg/L			11/19/21 04:50	1
Fluoride	2.8		0.20		mg/L			11/19/21 04:50	1

Eurofins TestAmerica, Denver

# Client Sample Results

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

Job ID: 280-155799-1

**Client Sample ID: 264491**

**Lab Sample ID: 280-155799-3**

**Matrix: Water**

Date Collected: 11/17/21 10:30

Date Received: 11/18/21 08:45

## General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0		mg/L			11/19/21 04:50	1
<b>Phosphorus, Total</b>	<b>0.27</b>		0.050		mg/L		11/22/21 08:35	11/22/21 14:29	1
<b>Total Alkalinity</b>	<b>590</b> H		10		mg/L			12/02/21 12:31	1
<b>Bicarbonate Alkalinity as CaCO<sub>3</sub></b>	<b>590</b> H		10		mg/L			12/02/21 12:31	1
Carbonate Alkalinity as CaCO <sub>3</sub>	ND	H	10		mg/L			12/02/21 12:31	1
<b>Total Dissolved Solids</b>	<b>2800</b>		100		mg/L			11/23/21 09:46	1
<b>Total Suspended Solids</b>	<b>120</b>		4.0		mg/L			11/23/21 19:36	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Specific Conductance</b>	<b>8100</b>		1.0		umhos/cm			11/23/21 10:46	1
pH	8.0	HF	0.1		SU			11/24/21 12:53	1

# Client Sample Results

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

Job ID: 280-155799-1

**Client Sample ID: 256668**

**Lab Sample ID: 280-155799-4**

Matrix: Water

Date Collected: 11/17/21 11:15

Date Received: 11/18/21 08:45

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/28/21 18:08	1
Ethylbenzene	ND		0.50		ug/L			11/28/21 18:08	1
Toluene	ND		0.50		ug/L			11/28/21 18:08	1
m-Xylene & p-Xylene	ND		0.50		ug/L			11/28/21 18:08	1
o-Xylene	ND		0.50		ug/L			11/28/21 18:08	1
Xylenes, Total	ND		0.50		ug/L			11/28/21 18:08	1
Naphthalene	ND		1.0		ug/L			11/28/21 18:08	1
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	99			70 - 127				11/28/21 18:08	1
Toluene-d8 (Surr)	93			80 - 125				11/28/21 18:08	1
4-Bromofluorobenzene (Surr)	96			78 - 120				11/28/21 18:08	1
Dibromofluoromethane (Surr)	100			77 - 120				11/28/21 18:08	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		25		ug/L			11/20/21 15:15	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene	91		82 - 110					11/20/21 15:15	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO [C10-C36]	ND		0.50		mg/L		11/22/21 18:27	11/30/21 05:45	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
o-Terphenyl	76		50 - 115				11/22/21 18:27	11/30/21 05:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	330		100		ug/L		11/19/21 15:25	11/20/21 14:03	1
Barium	420		10		ug/L		11/19/21 15:25	11/20/21 14:03	1
Calcium	4.7		0.20		mg/L		11/19/21 15:25	11/20/21 14:03	1
Iron	950		100		ug/L		11/19/21 15:25	11/20/21 14:03	1
Potassium	ND		3000		ug/L		11/19/21 15:25	11/20/21 14:03	1
Magnesium	0.87		0.20		mg/L		11/19/21 15:25	11/20/21 14:03	1
Manganese	16		10		ug/L		11/19/21 15:25	11/20/21 14:03	1
Sodium	640		5.0		mg/L		11/19/21 15:25	11/20/21 14:03	1
Strontium	860 ^6+		10		ug/L		11/19/21 15:25	11/20/21 14:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		5.0		ug/L		11/19/21 15:38	11/22/21 14:04	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	2.6		0.23		mg/L			11/19/21 05:04	1
Nitrate as N	ND		0.10		mg/L			11/19/21 05:04	1
Chloride	270		5.1		mg/L			11/30/21 00:23	5
Nitrite as N	ND		0.10		mg/L			11/19/21 05:04	1
Fluoride	3.9		0.20		mg/L			11/19/21 05:04	1

Eurofins TestAmerica, Denver

# Client Sample Results

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

Job ID: 280-155799-1

**Client Sample ID: 256668**

**Lab Sample ID: 280-155799-4**

**Matrix: Water**

Date Collected: 11/17/21 11:15

Date Received: 11/18/21 08:45

## General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	8.3		5.0		mg/L			11/19/21 05:04	1
Phosphorus, Total	ND		0.050		mg/L		11/22/21 08:35	11/22/21 14:29	1
Total Alkalinity	1000	H	10		mg/L			12/02/21 12:42	1
Bicarbonate Alkalinity as CaCO <sub>3</sub>	1000	H	10		mg/L			12/02/21 12:42	1
Carbonate Alkalinity as CaCO <sub>3</sub>	ND	H	10		mg/L			12/02/21 12:42	1
Total Dissolved Solids	1600		20		mg/L			11/23/21 09:46	1
Total Suspended Solids	8.4		4.0		mg/L			11/23/21 19:36	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	2700		1.0		umhos/cm			11/23/21 10:46	1
pH	8.1	HF	0.1		SU			11/24/21 12:37	1

# Client Sample Results

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

Job ID: 280-155799-1

**Client Sample ID: 294815**

**Lab Sample ID: 280-155799-5**

Matrix: Water

Date Collected: 11/17/21 08:30

Date Received: 11/18/21 08:45

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/28/21 18:31	1
Ethylbenzene	ND		0.50		ug/L			11/28/21 18:31	1
Toluene	ND		0.50		ug/L			11/28/21 18:31	1
m-Xylene & p-Xylene	ND		0.50		ug/L			11/28/21 18:31	1
o-Xylene	ND		0.50		ug/L			11/28/21 18:31	1
Xylenes, Total	ND		0.50		ug/L			11/28/21 18:31	1
Naphthalene	ND		1.0		ug/L			11/28/21 18:31	1
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	102			70 - 127				11/28/21 18:31	1
Toluene-d8 (Surr)	94			80 - 125				11/28/21 18:31	1
4-Bromofluorobenzene (Surr)	92			78 - 120				11/28/21 18:31	1
Dibromofluoromethane (Surr)	101			77 - 120				11/28/21 18:31	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		25		ug/L			11/23/21 16:23	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene	87		82 - 110					11/23/21 16:23	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO [C10-C36]	ND		0.51		mg/L		11/22/21 18:27	11/30/21 06:08	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
o-Terphenyl	72		50 - 115				11/22/21 18:27	11/30/21 06:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1200		100		ug/L		11/19/21 15:25	11/20/21 14:07	1
Barium	1100		10		ug/L		11/19/21 15:25	11/20/21 14:07	1
Calcium	6.0		0.20		mg/L		11/19/21 15:25	11/20/21 14:07	1
Iron	4500		100		ug/L		11/19/21 15:25	11/20/21 14:07	1
Potassium	4800		3000		ug/L		11/19/21 15:25	11/20/21 14:07	1
Magnesium	1.8		0.20		mg/L		11/19/21 15:25	11/20/21 14:07	1
Manganese	75		10		ug/L		11/19/21 15:25	11/20/21 14:07	1
Sodium	1000		50		mg/L		11/19/21 15:25	11/22/21 12:31	10
Strontium	2000 ^6+		10		ug/L		11/19/21 15:25	11/20/21 14:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		5.0		ug/L		11/19/21 15:38	11/22/21 14:07	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	8.0		1.2		mg/L			11/29/21 23:27	5
Nitrate as N	ND		0.10		mg/L			11/19/21 05:18	1
Chloride	1000		10		mg/L			11/29/21 23:41	10
Nitrite as N	ND		0.10		mg/L			11/19/21 05:18	1
Fluoride	2.4		0.20		mg/L			11/19/21 05:18	1

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# Client Sample Results

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

Job ID: 280-155799-1

**Client Sample ID: 294815**

**Lab Sample ID: 280-155799-5**

**Matrix: Water**

Date Collected: 11/17/21 08:30

Date Received: 11/18/21 08:45

## General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0		mg/L			11/19/21 05:18	1
Phosphorus, Total	ND		0.050		mg/L		11/22/21 08:35	11/22/21 14:29	1
<b>Total Alkalinity</b>	<b>950</b>	<b>H</b>	10		mg/L			12/02/21 12:52	1
<b>Bicarbonate Alkalinity as CaCO<sub>3</sub></b>	<b>950</b>	<b>H</b>	10		mg/L			12/02/21 12:52	1
Carbonate Alkalinity as CaCO <sub>3</sub>	ND	H	10		mg/L			12/02/21 12:52	1
<b>Total Dissolved Solids</b>	<b>2700</b>		40		mg/L			11/23/21 09:46	1
<b>Total Suspended Solids</b>	<b>6.4</b>		4.0		mg/L			11/23/21 19:36	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	4700		1.0		umhos/cm			11/23/21 10:46	1
pH	8.2	HF	0.1		SU			11/24/21 12:40	1

# Client Sample Results

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

Job ID: 280-155799-1

**Client Sample ID: 301238**

**Lab Sample ID: 280-155799-6**

Matrix: Water

Date Collected: 11/17/21 09:15

Date Received: 11/18/21 08:45

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.52		0.50		ug/L			11/28/21 18:53	1
Ethylbenzene	ND		0.50		ug/L			11/28/21 18:53	1
Toluene	ND		0.50		ug/L			11/28/21 18:53	1
m-Xylene & p-Xylene	ND		0.50		ug/L			11/28/21 18:53	1
o-Xylene	ND		0.50		ug/L			11/28/21 18:53	1
Xylenes, Total	ND		0.50		ug/L			11/28/21 18:53	1
Naphthalene	ND		1.0		ug/L			11/28/21 18:53	1
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	97		70 - 127					11/28/21 18:53	1
Toluene-d8 (Surr)	93		80 - 125					11/28/21 18:53	1
4-Bromofluorobenzene (Surr)	92		78 - 120					11/28/21 18:53	1
Dibromofluoromethane (Surr)	98		77 - 120					11/28/21 18:53	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		25		ug/L			11/23/21 16:45	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene	86		82 - 110					11/23/21 16:45	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO [C10-C36]	ND		0.50		mg/L		11/22/21 18:27	11/30/21 06:31	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
o-Terphenyl	72		50 - 115				11/22/21 18:27	11/30/21 06:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	130		100		ug/L		11/19/21 15:25	11/20/21 14:11	1
Barium	530		10		ug/L		11/19/21 15:25	11/20/21 14:11	1
Calcium	3.1		0.20		mg/L		11/19/21 15:25	11/20/21 14:11	1
Iron	1600		100		ug/L		11/19/21 15:25	11/20/21 14:11	1
Potassium	ND		3000		ug/L		11/19/21 15:25	11/20/21 14:11	1
Magnesium	0.97		0.20		mg/L		11/19/21 15:25	11/20/21 14:11	1
Manganese	39		10		ug/L		11/19/21 15:25	11/20/21 14:11	1
Sodium	810		5.0		mg/L		11/19/21 15:25	11/20/21 14:11	1
Strontium	930 ^6+		10		ug/L		11/19/21 15:25	11/20/21 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		5.0		ug/L		11/19/21 15:38	11/22/21 14:11	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	4.2		0.23		mg/L			11/19/21 05:32	1
Nitrate as N	0.10		0.10		mg/L			11/19/21 05:32	1
Chloride	440		5.1		mg/L			11/30/21 00:37	5
Nitrite as N	ND		0.10		mg/L			11/19/21 05:32	1
Fluoride	2.9		0.20		mg/L			11/19/21 05:32	1

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# Client Sample Results

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

Job ID: 280-155799-1

**Client Sample ID: 301238**

**Lab Sample ID: 280-155799-6**

Date Collected: 11/17/21 09:15

Matrix: Water

Date Received: 11/18/21 08:45

## General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0		mg/L			11/19/21 05:32	1
Phosphorus, Total	ND		0.050		mg/L		11/22/21 08:35	11/22/21 14:29	1
Total Alkalinity	1200	H	10		mg/L			12/02/21 13:05	1
Bicarbonate Alkalinity as CaCO <sub>3</sub>	1100	H	10		mg/L			12/02/21 13:05	1
Carbonate Alkalinity as CaCO <sub>3</sub>	85	H	10		mg/L			12/02/21 13:05	1
Total Dissolved Solids	2100		40		mg/L			11/23/21 09:46	1
Total Suspended Solids	ND		4.0		mg/L			11/23/21 19:36	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	3500		1.0		umhos/cm			11/23/21 10:46	1
pH	8.5	HF	0.1		SU			11/24/21 12:33	1

# Surrogate Summary

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

Job ID: 280-155799-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-127)	TOL (80-125)	BFB (78-120)	DBFM (77-120)
280-155799-1	268202	100	92	94	99
280-155799-2	263613	99	93	94	98
280-155799-3	264491	98	91	94	94
280-155799-4	256668	99	93	96	100
280-155799-5	294815	102	94	92	101
280-155799-6	301238	97	93	92	98
LCS 280-558872/4	Lab Control Sample	99	94	92	96
LCSD 280-558872/5	Lab Control Sample Dup	97	93	94	98
MB 280-558872/9	Method Blank	102	92	94	98

### Surrogate Legend

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

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TFT1 (82-110)			
280-155799-1	268202	87			
280-155799-2	263613	86			
280-155799-3	264491	86			
280-155799-4	256668	91			
280-155799-5	294815	87			
280-155799-6	301238	86			
LCS 280-558083/3	Lab Control Sample	93			
LCS 280-558191/3	Lab Control Sample	91			
LCS 280-558486/3	Lab Control Sample	88			
LCSD 280-558083/4	Lab Control Sample Dup	92			
LCSD 280-558191/4	Lab Control Sample Dup	92			
LCSD 280-558486/4	Lab Control Sample Dup	88			
MB 280-558083/5	Method Blank	88			
MB 280-558191/5	Method Blank	88			
MB 280-558486/6	Method Blank	101			

### Surrogate Legend

TFT = a,a,a-Trifluorotoluene

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		OTPH1 (50-115)			
280-155799-1	268202	75			
280-155799-2	263613	75			
280-155799-3	264491	77			
280-155799-4	256668	76			

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## Surrogate Summary

Client: Evergreen Natural Resources LLC

## Project/Site: 909j Water Sampling

Job ID: 280-155799-1

#### **Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

### (Continued)

## Matrix: Water

### Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	OTPH1 (50-115)	
280-155799-5	294815	72	
280-155799-6	301238	72	
LCS 280-558378/2-A	Lab Control Sample	85	
LCS 280-558378/4-A	Lab Control Sample	85	
LCSD 280-558378/3-A	Lab Control Sample Dup	84	
LCSD 280-558378/5-A	Lab Control Sample Dup	83	
MB 280-558378/1-A	Method Blank	73	

## **Surrogate Legend**

OTPH = o-Terphenyl

# Lab Chronicle

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

Job ID: 280-155799-1

**Client Sample ID: 268202**

**Lab Sample ID: 280-155799-1**

**Matrix: Water**

Date Collected: 11/17/21 12:00

Date Received: 11/18/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	558872	11/28/21 17:01	AJP	TAL DEN
Total/NA	Analysis	8015C		1	5 mL	5 mL	558083	11/19/21 17:14	SKL	TAL DEN
Total/NA	Prep	3510C			991.2 mL	1 mL	558378	11/22/21 18:27	E	TAL DEN
Total/NA	Analysis	8015C		1			558999	11/30/21 04:34	JDV	TAL DEN
Total/NA	Prep	200.7			50 mL	50 mL	557954	11/19/21 15:25	CEH	TAL DEN
Total/NA	Analysis	200.7 Rev 4.4		1			558235	11/20/21 13:51	LMT	TAL DEN
Total/NA	Prep	200.7			50 mL	50 mL	557954	11/19/21 15:25	CEH	TAL DEN
Total/NA	Analysis	200.7 Rev 4.4		1			559209	11/30/21 21:22	LMT	TAL DEN
Total/NA	Prep	200.8			50 mL	50 mL	557957	11/19/21 15:38	CEH	TAL DEN
Total/NA	Analysis	200.8		1			558384	11/22/21 13:53	LMT	TAL DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	558018	11/19/21 04:22	CJ	TAL DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	558019	11/19/21 04:22	CJ	TAL DEN
Total/NA	Analysis	300.0		5	10 mL	10 mL	558969	11/29/21 20:10	SPG	TAL DEN
Total/NA	Prep	365.2/365.3/365			50 mL	50 mL	558305	11/22/21 08:35	MMP	TAL DEN
Total/NA	Analysis	365.1		1	50 mL	50 mL	558403	11/22/21 14:28	MMP	TAL DEN
Total/NA	Analysis	SM 2320B		1			559439	12/02/21 12:00	SPG	TAL DEN
Total/NA	Analysis	SM 2510B		1			558492	11/23/21 10:46	ECC	TAL DEN
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	558320	11/22/21 09:38	ABW	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	558579	11/23/21 19:36	LRB	TAL DEN
Total/NA	Analysis	SM 4500 H+ B		1			558673	11/24/21 12:57	ECC	TAL DEN

**Client Sample ID: 263613**

**Lab Sample ID: 280-155799-2**

**Matrix: Water**

Date Collected: 11/17/21 13:00

Date Received: 11/18/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	558872	11/28/21 17:24	AJP	TAL DEN
Total/NA	Analysis	8015C		1	5 mL	5 mL	558486	11/23/21 15:38	CAS	TAL DEN
Total/NA	Prep	3510C			13465.9 mL	1 mL	558378	11/22/21 18:27	E	TAL DEN
Total/NA	Analysis	8015C		1			558999	11/30/21 04:58	JDV	TAL DEN
Total/NA	Prep	200.7			50 mL	50 mL	557954	11/19/21 15:25	CEH	TAL DEN
Total/NA	Analysis	200.7 Rev 4.4		1			558235	11/20/21 13:55	LMT	TAL DEN
Total/NA	Prep	200.8			50 mL	50 mL	557957	11/19/21 15:38	CEH	TAL DEN
Total/NA	Analysis	200.8		1			558384	11/22/21 13:57	LMT	TAL DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	558018	11/19/21 04:36	CJ	TAL DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	558019	11/19/21 04:36	CJ	TAL DEN
Total/NA	Prep	365.2/365.3/365			50 mL	50 mL	558305	11/22/21 08:35	MMP	TAL DEN
Total/NA	Analysis	365.1		1	50 mL	50 mL	558403	11/22/21 14:29	MMP	TAL DEN
Total/NA	Analysis	SM 2320B		1			559439	12/02/21 12:22	SPG	TAL DEN
Total/NA	Analysis	SM 2510B		1			558492	11/23/21 10:46	ECC	TAL DEN
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	558320	11/22/21 09:38	ABW	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	558579	11/23/21 19:36	LRB	TAL DEN

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# Lab Chronicle

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

Job ID: 280-155799-1

**Client Sample ID: 263613**

**Lab Sample ID: 280-155799-2**

**Matrix: Water**

Date Collected: 11/17/21 13:00

Date Received: 11/18/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 H+ B		1			558673	11/24/21 12:44	ECC	TAL DEN

**Client Sample ID: 264491**

**Lab Sample ID: 280-155799-3**

**Matrix: Water**

Date Collected: 11/17/21 10:30

Date Received: 11/18/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	558872	11/28/21 17:46	AJP	TAL DEN
Total/NA	Analysis	8015C		1	5 mL	5 mL	558486	11/23/21 16:00	CAS	TAL DEN
Total/NA	Prep	3510C			989.1 mL	1 mL	558378	11/22/21 18:27	E	TAL DEN
Total/NA	Analysis	8015C		1			558999	11/30/21 05:21	JDV	TAL DEN
Total/NA	Prep	200.7			50 mL	50 mL	557954	11/19/21 15:25	CEH	TAL DEN
Total/NA	Analysis	200.7 Rev 4.4		1			558235	11/20/21 13:59	LMT	TAL DEN
Total/NA	Prep	200.7			50 mL	50 mL	557954	11/19/21 15:25	CEH	TAL DEN
Total/NA	Analysis	200.7 Rev 4.4		10			558397	11/22/21 12:27	MAB	TAL DEN
Total/NA	Prep	200.8			50 mL	50 mL	557957	11/19/21 15:38	CEH	TAL DEN
Total/NA	Analysis	200.8		1			558384	11/22/21 14:00	LMT	TAL DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	558018	11/19/21 04:50	CJ	TAL DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	558019	11/19/21 04:50	CJ	TAL DEN
Total/NA	Analysis	300.0		10	10 mL	10 mL	558969	11/29/21 22:59	SPG	TAL DEN
Total/NA	Analysis	300.0		20	10 mL	10 mL	558969	11/29/21 23:13	SPG	TAL DEN
Total/NA	Prep	365.2/365.3/365			50 mL	50 mL	558305	11/22/21 08:35	MMP	TAL DEN
Total/NA	Analysis	365.1		1	50 mL	50 mL	558403	11/22/21 14:29	MMP	TAL DEN
Total/NA	Analysis	SM 2320B		1			559439	12/02/21 12:31	SPG	TAL DEN
Total/NA	Analysis	SM 2510B		1			558492	11/23/21 10:46	ECC	TAL DEN
Total/NA	Analysis	SM 2540C		1	10 mL	100 mL	558478	11/23/21 09:46	ABW	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	558579	11/23/21 19:36	LRB	TAL DEN
Total/NA	Analysis	SM 4500 H+ B		1			558673	11/24/21 12:53	ECC	TAL DEN

**Client Sample ID: 256668**

**Lab Sample ID: 280-155799-4**

**Matrix: Water**

Date Collected: 11/17/21 11:15

Date Received: 11/18/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	558872	11/28/21 18:08	AJP	TAL DEN
Total/NA	Analysis	8015C		1	5 mL	5 mL	558191	11/20/21 15:15	SKL	TAL DEN
Total/NA	Prep	3510C			998 mL	1 mL	558378	11/22/21 18:27	E	TAL DEN
Total/NA	Analysis	8015C		1			558999	11/30/21 05:45	JDV	TAL DEN
Total/NA	Prep	200.7			50 mL	50 mL	557954	11/19/21 15:25	CEH	TAL DEN
Total/NA	Analysis	200.7 Rev 4.4		1			558235	11/20/21 14:03	LMT	TAL DEN
Total/NA	Prep	200.8			50 mL	50 mL	557957	11/19/21 15:38	CEH	TAL DEN
Total/NA	Analysis	200.8		1			558384	11/22/21 14:04	LMT	TAL DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	558018	11/19/21 05:04	CJ	TAL DEN

Eurofins TestAmerica, Denver

# Lab Chronicle

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

Job ID: 280-155799-1

**Client Sample ID: 256668**

**Lab Sample ID: 280-155799-4**

**Matrix: Water**

Date Collected: 11/17/21 11:15

Date Received: 11/18/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	558019	11/19/21 05:04	CJ	TAL DEN
Total/NA	Analysis	300.0		5	10 mL	10 mL	558969	11/30/21 00:23	SPG	TAL DEN
Total/NA	Prep	365.2/365.3/365			50 mL	50 mL	558305	11/22/21 08:35	MMP	TAL DEN
Total/NA	Analysis	365.1		1	50 mL	50 mL	558403	11/22/21 14:29	MMP	TAL DEN
Total/NA	Analysis	SM 2320B		1			559439	12/02/21 12:42	SPG	TAL DEN
Total/NA	Analysis	SM 2510B		1			558492	11/23/21 10:46	ECC	TAL DEN
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	558478	11/23/21 09:46	ABW	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	558579	11/23/21 19:36	LRB	TAL DEN
Total/NA	Analysis	SM 4500 H+ B		1			558673	11/24/21 12:37	ECC	TAL DEN

**Client Sample ID: 294815**

**Lab Sample ID: 280-155799-5**

**Matrix: Water**

Date Collected: 11/17/21 08:30

Date Received: 11/18/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	558872	11/28/21 18:31	AJP	TAL DEN
Total/NA	Analysis	8015C		1	5 mL	5 mL	558486	11/23/21 16:23	CAS	TAL DEN
Total/NA	Prep	3510C			989.2 mL	1 mL	558378	11/22/21 18:27	E	TAL DEN
Total/NA	Analysis	8015C		1			558999	11/30/21 06:08	JDV	TAL DEN
Total/NA	Prep	200.7			50 mL	50 mL	557954	11/19/21 15:25	CEH	TAL DEN
Total/NA	Analysis	200.7 Rev 4.4		1			558235	11/20/21 14:07	LMT	TAL DEN
Total/NA	Prep	200.7			50 mL	50 mL	557954	11/19/21 15:25	CEH	TAL DEN
Total/NA	Analysis	200.7 Rev 4.4		10			558397	11/22/21 12:31	MAB	TAL DEN
Total/NA	Prep	200.8			50 mL	50 mL	557957	11/19/21 15:38	CEH	TAL DEN
Total/NA	Analysis	200.8		1			558384	11/22/21 14:07	LMT	TAL DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	558018	11/19/21 05:18	CJ	TAL DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	558019	11/19/21 05:18	CJ	TAL DEN
Total/NA	Analysis	300.0		5	10 mL	10 mL	558969	11/29/21 23:27	SPG	TAL DEN
Total/NA	Analysis	300.0		10	10 mL	10 mL	558969	11/29/21 23:41	SPG	TAL DEN
Total/NA	Prep	365.2/365.3/365			50 mL	50 mL	558305	11/22/21 08:35	MMP	TAL DEN
Total/NA	Analysis	365.1		1	50 mL	50 mL	558403	11/22/21 14:29	MMP	TAL DEN
Total/NA	Analysis	SM 2320B		1			559439	12/02/21 12:52	SPG	TAL DEN
Total/NA	Analysis	SM 2510B		1			558492	11/23/21 10:46	ECC	TAL DEN
Total/NA	Analysis	SM 2540C		1	25 mL	100 mL	558478	11/23/21 09:46	ABW	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	558579	11/23/21 19:36	LRB	TAL DEN
Total/NA	Analysis	SM 4500 H+ B		1			558673	11/24/21 12:40	ECC	TAL DEN

**Client Sample ID: 301238**

**Lab Sample ID: 280-155799-6**

**Matrix: Water**

Date Collected: 11/17/21 09:15

Date Received: 11/18/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	558872	11/28/21 18:53	AJP	TAL DEN

Eurofins TestAmerica, Denver

# Lab Chronicle

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

Job ID: 280-155799-1

**Client Sample ID: 301238**

**Lab Sample ID: 280-155799-6**

**Matrix: Water**

**Date Collected: 11/17/21 09:15**

**Date Received: 11/18/21 08:45**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015C		1	5 mL	5 mL	558486	11/23/21 16:45	CAS	TAL DEN
Total/NA	Prep	3510C			992.8 mL	1 mL	558378	11/22/21 18:27	E	TAL DEN
Total/NA	Analysis	8015C		1			558999	11/30/21 06:31	JDV	TAL DEN
Total/NA	Prep	200.7			50 mL	50 mL	557954	11/19/21 15:25	CEH	TAL DEN
Total/NA	Analysis	200.7 Rev 4.4		1			558235	11/20/21 14:11	LMT	TAL DEN
Total/NA	Prep	200.8			50 mL	50 mL	557957	11/19/21 15:38	CEH	TAL DEN
Total/NA	Analysis	200.8		1			558384	11/22/21 14:11	LMT	TAL DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	558018	11/19/21 05:32	CJ	TAL DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	558019	11/19/21 05:32	CJ	TAL DEN
Total/NA	Analysis	300.0		5	10 mL	10 mL	558969	11/30/21 00:37	SPG	TAL DEN
Total/NA	Prep	365.2/365.3/365			50 mL	50 mL	558305	11/22/21 08:35	MMP	TAL DEN
Total/NA	Analysis	365.1		1	50 mL	50 mL	558403	11/22/21 14:29	MMP	TAL DEN
Total/NA	Analysis	SM 2320B		1			559439	12/02/21 13:05	SPG	TAL DEN
Total/NA	Analysis	SM 2510B		1			558492	11/23/21 10:46	ECC	TAL DEN
Total/NA	Analysis	SM 2540C		1	25 mL	100 mL	558478	11/23/21 09:46	ABW	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	558579	11/23/21 19:36	LRB	TAL DEN
Total/NA	Analysis	SM 4500 H+ B		1			558673	11/24/21 12:33	ECC	TAL DEN

**Laboratory References:**

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

Eurofins TestAmerica, Denver



## Chain of Custody Record

<b>Client Information</b>		Sample: <b>Mark M</b>		Lab P/M: Harrington, Danielle M		Carrier Tracking No(s):		COC No: 280-109123-31713.3		
Client Contact	Phone:	719-896-2898	PVSID:	E-Mail: Danielle.Harrington@Eurofinset.com		State of Origin:		Page:	of _____	
Company:									Job #:	
<b>Analysis Requested</b>										
Address:		Due Date Requested:		Preservation Codes:		Special Instructions/Note:				
City:	Trinidad	TAT Requested (days):	STP	N	N	N	N	A - HCl	M - Hexane	
State, Zip:	CO, 81082	Compliance Project:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	N	N	N	N	B - NaOH	N - None	
Phone:		PO #:		N	N	N	N	C - Zn Acetate	O - AsH <sub>3</sub> O <sub>2</sub>	
Email:	<a href="mailto:Stacy.Wiseman@enrlc.com">Stacy.Wiseman@enrlc.com</a>	W/O #:		N	N	N	N	D - Nitric Acid	P - NaO <sub>4</sub> S	
Project Name:	Evergreen Natural Resources	Project #:	28001998	N	N	N	N	E - NaHSO <sub>4</sub>	Q - Na <sub>2</sub> SO <sub>3</sub>	
Site/Colorado	909j Water Sampling	SSOW#		N	N	N	N	F - MeOH	R - Na <sub>2</sub> SO <sub>3</sub>	
				N	N	N	N	G - Ammonium	S - H <sub>2</sub> S <sub>4</sub> O <sub>4</sub>	
				N	N	N	N	H - Ascorbic Acid	T - TSP Dodecahydrate	
				N	N	N	N	I - Ice	U - Acetone	
				N	N	N	N	J - DI Water	V - MCAA	
				N	N	N	N	K - EDTA	W - pH 4-5	
				N	N	N	N	L - EDA	Z - other (specify)	
				N	N	N	N	Other:		
Total Number of Containers: <b>4</b>										
Field Filtered Sample (Y/N or NQ)										
Perform MSDS (Y/N or NQ)										
903.0 - RAD-D-226										
904.0 - RAD-D-228 / RAD226+RAD226 calc										
365.1 - Total Phosphorus										
8260-B - BETX										
8015C - GRO										
200.7, 200.8 - CWA Total Metals										
2540C - Gold - Solids, Total Dissolved (TDS)/2540D Total Suspended Solids										
PH/Akaiinitivity/LC Chloride, Fluoride, Bromide, Sulfate, Nitrate, Nitrite/C conductivity										
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## **Chain of Custody Record**

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