

ANALYTICAL REPORT

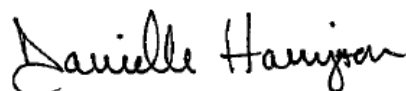
Eurofins Denver
4955 Yarrow Street
Arvada, CO 80002
Tel: (303)736-0100

Laboratory Job ID: 280-159040-1
Client Project/Site: Soil Sampling

For:

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad, Colorado 81082

Attn: Chris Sanchez



Authorized for release by:
3/10/2022 9:11:32 AM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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

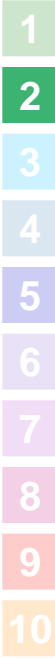


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Definitions/Glossary

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

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.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

General Chemistry

Qualifier	Qualifier Description
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.
α	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: Soil Sampling

Job ID: 280-159040-1

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Laboratory: Eurofins Denver

Narrative

CASE NARRATIVE

Client: Evergreen Natural Resources LLC

Project: Soil Suite

Report Number: 280-159040-1

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.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 2/24/2022. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

Samples were logged per email from client.

Total Metals SW846 6010B and 6020

The Method 20B duplicate was performed on sample BUNKERHILL OUTFALL SOIL SAMPLE #3 and was within control limits.

The Method 6010B MS/MSD performed on sample from another client and/or lot and was within control limits.

The Method 6020 MS/MSD performed on sample ANGEL 44-7-PIT SOIL SAMPLE #1 and was outside control limits for Arsenic and Selenium.

The accuracy and precision of the Zinc MS/MSD performed on sample ANGEL 44-7-PIT SOIL SAMPLE #1 could not be reliably evaluated, as the concentrations present in the parent sample were 4 times greater than the matrix spike concentration. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

Method 20B_SAR: There was not enough sample to prepare 90 to 110 grams. Our SOP asks for 90 to 110 g of sample, however, the samples were lighter than normal and had to be re-prepped multiple times due to matrix issues. BUNKERHILL OUTFALL SOIL SAMPLE #1 (280-159040-1), BUNKERHILL OUTFALL SOIL SAMPLE #2 (280-159040-2), BUNKERHILL OUTFALL SOIL SAMPLE #3 (280-159040-3), ANGEL 44-7-PIT SOIL SAMPLE #1 (280-159040-4), ANGEL 44-7-PIT SOIL SAMPLE #2 (280-159040-5), ANGEL 44-7-PIT SOIL SAMPLE #3 (280-159040-6), ANGEL 44-7-PIT SOIL SAMPLE #4-NATIVE (280-159040-7) and (280-159040-B-3 DU)

Method 6020: A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows: The final temperature for batch 280-567306 was 89C, which is outside the SOP defined range of 90-95C. QC was within control limits in the batch so corrective action is deemed unnecessary.

No other anomalies were observed.

General Chemistry

The Specific Conductance sample duplicates were performed on sample ANGEL 44-7-PIT SOIL SAMPLE #2 and were within control limits.

The percent moisture sample duplicates were performed on sample BUNKERHILL OUTFALL SOIL SAMPLE #1 and were within control

Case Narrative

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Job ID: 280-159040-1 (Continued)

Laboratory: Eurofins Denver (Continued)

limits.

All other sample duplicates were performed on sample from another client and/or lot and were within control limits.

No other anomalies were observed.

General Comments

The pH and conductivity analysis with the saturated paste extraction were performed at our Eurofins Corpus Christi Laboratory:

Eurofins Xenco Corpus Christi

1733 N Padre Island Dr,

Corpus Christi, TX 78408

(361) 289-2673

Detection Summary

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Client Sample ID: BUNKERHILL OUTFALL SOIL SAMPLE #1

Lab Sample ID: 280-159040-1

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Sodium Adsorption Ratio	7.3		1.2		No Unit	10		20B	Soluble

Client Sample ID: BUNKERHILL OUTFALL SOIL SAMPLE #2

Lab Sample ID: 280-159040-2

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Sodium Adsorption Ratio	7.4		1.2		No Unit	10		20B	Soluble

Client Sample ID: BUNKERHILL OUTFALL SOIL SAMPLE #3

Lab Sample ID: 280-159040-3

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Sodium Adsorption Ratio	7.3		1.2		No Unit	10		20B	Soluble

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #1

Lab Sample ID: 280-159040-4

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Sodium Adsorption Ratio	3.8		1.2		No Unit	10		20B	Soluble
Barium	120		0.93		mg/Kg	1	✱	6010B	Total/NA
Cadmium	0.94		0.47		mg/Kg	1	✱	6010B	Total/NA
Arsenic	3.6	F2	0.083		mg/Kg	1	✱	6020	Total/NA
Copper	34		0.21		mg/Kg	1	✱	6020	Total/NA
Lead	25		0.083		mg/Kg	1	✱	6020	Total/NA
Nickel	17		0.14		mg/Kg	1	✱	6020	Total/NA
Selenium	0.54	F2	0.17		mg/Kg	1	✱	6020	Total/NA
Zinc	80	F1	0.83		mg/Kg	1	✱	6020	Total/NA
pH - Sat Paste	6.8	HF	0.1		SU	1		9045D	Total/NA
Specific Conductance	2.5		0.0010		mmhos/cm	1		9050A	Soluble

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #2

Lab Sample ID: 280-159040-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	130		0.92		mg/Kg	1	✱	6010B	Total/NA
Cadmium	0.75		0.46		mg/Kg	1	✱	6010B	Total/NA
Arsenic	3.2		0.099		mg/Kg	1	✱	6020	Total/NA
Copper	28		0.25		mg/Kg	1	✱	6020	Total/NA
Lead	20		0.099		mg/Kg	1	✱	6020	Total/NA
Nickel	14		0.17		mg/Kg	1	✱	6020	Total/NA
Selenium	0.37		0.20		mg/Kg	1	✱	6020	Total/NA
Zinc	77		0.99		mg/Kg	1	✱	6020	Total/NA
pH - Sat Paste	7.5	HF	0.1		SU	1		9045D	Total/NA
Specific Conductance	0.22		0.0010		mmhos/cm	1		9050A	Soluble

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #3

Lab Sample ID: 280-159040-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	140		4.9		mg/Kg	5	✱	6010B	Total/NA
Cadmium	0.84		0.49		mg/Kg	1	✱	6010B	Total/NA
Arsenic	3.4		0.078		mg/Kg	1	✱	6020	Total/NA
Copper	31		0.19		mg/Kg	1	✱	6020	Total/NA
Lead	22		0.078		mg/Kg	1	✱	6020	Total/NA
Nickel	16		0.13		mg/Kg	1	✱	6020	Total/NA
Selenium	0.43		0.16		mg/Kg	1	✱	6020	Total/NA
Zinc	83		0.78		mg/Kg	1	✱	6020	Total/NA
pH - Sat Paste	7.7	HF	0.1		SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Denver

Detection Summary

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #3
(Continued)

Lab Sample ID: 280-159040-6

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Specific Conductance	0.12		0.0010		mmhos/cm	1		9050A	Soluble

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #4-NATIVE

Lab Sample ID: 280-159040-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	110		1.0		mg/Kg	1	✱	6010B	Total/NA
Arsenic	2.2		0.089		mg/Kg	1	✱	6020	Total/NA
Copper	24		0.22		mg/Kg	1	✱	6020	Total/NA
Lead	17		0.089		mg/Kg	1	✱	6020	Total/NA
Nickel	14		0.15		mg/Kg	1	✱	6020	Total/NA
Selenium	0.37		0.18		mg/Kg	1	✱	6020	Total/NA
Zinc	74		0.89		mg/Kg	1	✱	6020	Total/NA
pH - Sat Paste	7.7	HF	0.1		SU	1		9045D	Total/NA
Specific Conductance	0.17		0.0010		mmhos/cm	1		9050A	Soluble

This Detection Summary does not include radiochemical test results.

Eurofins Denver

Method Summary

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Method	Method Description	Protocol	Laboratory
20B	Sodium Adsorption Ratio	USDA	TAL DEN
6010B	Total Metals	SW846	TAL DEN
6020	Total Metals by ICP-MS	SW846	TAL DEN
9045D	pH	SW846	XEN CC
9050A	Specific Conductance	SW846	XEN CC
Moisture	Percent Moisture	EPA	TAL DEN
20B	Preparation, Sodium Absorption Ratio	USDA	TAL DEN
3050B	Preparation, Metals	SW846	TAL DEN
Sat Paste Ext	Saturated Paste Extraction	TAL SOP	XEN CC

Protocol References:

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

USDA = "USDA Agriculture Handbook 60, section 20B".

Laboratory References:

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

XEN CC = Eurofins Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2471

Sample Summary

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-159040-1	BUNKERHILL OUTFALL SOIL SAMPLE #1	Solid	02/22/22 09:45	02/24/22 10:05
280-159040-2	BUNKERHILL OUTFALL SOIL SAMPLE #2	Solid	02/22/22 09:45	02/24/22 10:05
280-159040-3	BUNKERHILL OUTFALL SOIL SAMPLE #3	Solid	02/22/22 09:45	02/24/22 10:05
280-159040-4	ANGEL 44-7-PIT SOIL SAMPLE #1	Solid	02/22/22 12:30	02/24/22 10:05
280-159040-5	ANGEL 44-7-PIT SOIL SAMPLE #2	Solid	02/22/22 12:30	02/24/22 10:05
280-159040-6	ANGEL 44-7-PIT SOIL SAMPLE #3	Solid	02/22/22 12:30	02/24/22 10:05
280-159040-7	ANGEL 44-7-PIT SOIL SAMPLE #4-NATIVE	Solid	02/22/22 12:30	02/24/22 10:05

Client Sample Results

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Client Sample ID: BUNKERHILL OUTFALL SOIL SAMPLE #1

Lab Sample ID: 280-159040-1

Date Collected: 02/22/22 09:45

Matrix: Solid

Date Received: 02/24/22 10:05

Method: 20B - Sodium Adsorption Ratio - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium Adsorption Ratio	7.3		1.2		No Unit		03/07/22 18:42	03/09/22 16:09	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12.8		0.1		%			02/24/22 17:33	1

Client Sample Results

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Client Sample ID: BUNKERHILL OUTFALL SOIL SAMPLE #2

Lab Sample ID: 280-159040-2

Date Collected: 02/22/22 09:45

Matrix: Solid

Date Received: 02/24/22 10:05

Method: 20B - Sodium Adsorption Ratio - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium Adsorption Ratio	7.4		1.2		No Unit		03/07/22 18:42	03/09/22 16:09	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14.5		0.1		%			02/24/22 17:33	1

Client Sample Results

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Client Sample ID: BUNKERHILL OUTFALL SOIL SAMPLE #3

Lab Sample ID: 280-159040-3

Date Collected: 02/22/22 09:45

Matrix: Solid

Date Received: 02/24/22 10:05

Method: 20B - Sodium Adsorption Ratio - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium Adsorption Ratio	7.3		1.2		No Unit		03/07/22 18:42	03/09/22 16:09	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19.0		0.1		%			02/24/22 17:33	1

Client Sample Results

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #1

Lab Sample ID: 280-159040-4

Date Collected: 02/22/22 12:30

Matrix: Solid

Date Received: 02/24/22 10:05

Percent Solids: 94.4

Method: 20B - Sodium Adsorption Ratio - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium Adsorption Ratio	3.8		1.2		No Unit		03/07/22 18:42	03/09/22 16:09	10

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	120		0.93		mg/Kg	☆	02/28/22 08:05	02/28/22 21:21	1
Boron	ND		9.3		mg/Kg	☆	02/28/22 08:05	02/28/22 21:21	1
Cadmium	0.94		0.47		mg/Kg	☆	02/28/22 08:05	02/28/22 21:21	1
Silver	ND		0.93		mg/Kg	☆	02/28/22 08:05	02/28/22 21:21	1

Method: 6020 - Total Metals by ICP-MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6	F2	0.083		mg/Kg	☆	03/02/22 08:11	03/02/22 16:17	1
Copper	34		0.21		mg/Kg	☆	03/02/22 08:11	03/02/22 16:17	1
Lead	25		0.083		mg/Kg	☆	03/02/22 08:11	03/02/22 16:17	1
Nickel	17		0.14		mg/Kg	☆	03/02/22 08:11	03/02/22 16:17	1
Selenium	0.54	F2	0.17		mg/Kg	☆	03/02/22 08:11	03/02/22 16:17	1
Zinc	80	F1	0.83		mg/Kg	☆	03/02/22 08:11	03/02/22 16:17	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH - Sat Paste	6.8	HF	0.1		SU			03/03/22 16:01	1
Percent Moisture	5.6		0.1		%			02/24/22 17:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	2.5		0.0010		mmhos/cm		03/01/22 14:15	03/01/22 15:55	1

Client Sample Results

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #2

Lab Sample ID: 280-159040-5

Date Collected: 02/22/22 12:30

Matrix: Solid

Date Received: 02/24/22 10:05

Percent Solids: 91.2

Method: 20B - Sodium Adsorption Ratio - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium Adsorption Ratio	ND		1.2		No Unit		03/07/22 18:42	03/09/22 16:09	10

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	130		0.92		mg/Kg	☆	02/28/22 08:05	02/28/22 21:25	1
Boron	ND		9.2		mg/Kg	☆	02/28/22 08:05	02/28/22 21:25	1
Cadmium	0.75		0.46		mg/Kg	☆	02/28/22 08:05	02/28/22 21:25	1
Silver	ND		0.92		mg/Kg	☆	02/28/22 08:05	02/28/22 21:25	1

Method: 6020 - Total Metals by ICP-MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		0.099		mg/Kg	☆	03/02/22 08:11	03/02/22 16:35	1
Copper	28		0.25		mg/Kg	☆	03/02/22 08:11	03/02/22 16:35	1
Lead	20		0.099		mg/Kg	☆	03/02/22 08:11	03/02/22 16:35	1
Nickel	14		0.17		mg/Kg	☆	03/02/22 08:11	03/02/22 16:35	1
Selenium	0.37		0.20		mg/Kg	☆	03/02/22 08:11	03/02/22 16:35	1
Zinc	77		0.99		mg/Kg	☆	03/02/22 08:11	03/02/22 16:35	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH - Sat Paste	7.5	HF	0.1		SU			03/03/22 16:01	1
Percent Moisture	8.8		0.1		%			02/24/22 17:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	0.22		0.0010		mmhos/cm		03/01/22 14:15	03/01/22 15:55	1

Client Sample Results

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #3

Lab Sample ID: 280-159040-6

Date Collected: 02/22/22 12:30

Matrix: Solid

Date Received: 02/24/22 10:05

Percent Solids: 88.6

Method: 20B - Sodium Adsorption Ratio - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium Adsorption Ratio	ND		1.2		No Unit		03/07/22 18:42	03/09/22 16:09	10

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	140		4.9		mg/Kg	☆	02/28/22 08:05	03/01/22 09:43	5
Boron	ND		9.7		mg/Kg	☆	02/28/22 08:05	02/28/22 21:30	1
Cadmium	0.84		0.49		mg/Kg	☆	02/28/22 08:05	02/28/22 21:30	1
Silver	ND		0.97		mg/Kg	☆	02/28/22 08:05	02/28/22 21:30	1

Method: 6020 - Total Metals by ICP-MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		0.078		mg/Kg	☆	03/02/22 08:11	03/02/22 16:39	1
Copper	31		0.19		mg/Kg	☆	03/02/22 08:11	03/02/22 16:39	1
Lead	22		0.078		mg/Kg	☆	03/02/22 08:11	03/02/22 16:39	1
Nickel	16		0.13		mg/Kg	☆	03/02/22 08:11	03/02/22 16:39	1
Selenium	0.43		0.16		mg/Kg	☆	03/02/22 08:11	03/02/22 16:39	1
Zinc	83		0.78		mg/Kg	☆	03/02/22 08:11	03/02/22 16:39	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH - Sat Paste	7.7	HF	0.1		SU			03/03/22 16:01	1
Percent Moisture	11.4		0.1		%			02/24/22 17:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	0.12		0.0010		mmhos/cm		03/01/22 14:15	03/01/22 15:55	1

Client Sample Results

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #4-NATIVE

Lab Sample ID: 280-159040-7

Date Collected: 02/22/22 12:30

Matrix: Solid

Date Received: 02/24/22 10:05

Percent Solids: 86.3

Method: 20B - Sodium Adsorption Ratio - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium Adsorption Ratio	ND		1.2		No Unit		03/07/22 18:43	03/09/22 16:09	10

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	110		1.0		mg/Kg	☆	02/28/22 08:05	02/28/22 21:35	1
Boron	ND		10		mg/Kg	☆	02/28/22 08:05	02/28/22 21:35	1
Cadmium	ND		0.50		mg/Kg	☆	02/28/22 08:05	02/28/22 21:35	1
Silver	ND		1.0		mg/Kg	☆	02/28/22 08:05	02/28/22 21:35	1

Method: 6020 - Total Metals by ICP-MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.2		0.089		mg/Kg	☆	03/02/22 08:11	03/02/22 16:42	1
Copper	24		0.22		mg/Kg	☆	03/02/22 08:11	03/02/22 16:42	1
Lead	17		0.089		mg/Kg	☆	03/02/22 08:11	03/02/22 16:42	1
Nickel	14		0.15		mg/Kg	☆	03/02/22 08:11	03/02/22 16:42	1
Selenium	0.37		0.18		mg/Kg	☆	03/02/22 08:11	03/02/22 16:42	1
Zinc	74		0.89		mg/Kg	☆	03/02/22 08:11	03/02/22 16:42	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH - Sat Paste	7.7	HF	0.1		SU			03/03/22 16:01	1
Percent Moisture	13.7		0.1		%			02/24/22 17:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	0.17		0.0010		mmhos/cm		03/01/22 14:15	03/01/22 15:55	1

Lab Chronicle

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Client Sample ID: BUNKERHILL OUTFALL SOIL SAMPLE #1

Lab Sample ID: 280-159040-1

Date Collected: 02/22/22 09:45

Matrix: Solid

Date Received: 02/24/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Prep	20B			24.992 g	1.0 mL	567936	03/07/22 18:42	LRD	TAL DEN
Soluble	Analysis	20B		10			568183	03/09/22 16:09	DNM	TAL DEN
Total/NA	Analysis	Moisture		1			567047	02/24/22 17:33	SVC	TAL DEN

Client Sample ID: BUNKERHILL OUTFALL SOIL SAMPLE #2

Lab Sample ID: 280-159040-2

Date Collected: 02/22/22 09:45

Matrix: Solid

Date Received: 02/24/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Prep	20B			25.004 g	1.0 mL	567936	03/07/22 18:42	LRD	TAL DEN
Soluble	Analysis	20B		10			568183	03/09/22 16:09	DNM	TAL DEN
Total/NA	Analysis	Moisture		1			567047	02/24/22 17:33	SVC	TAL DEN

Client Sample ID: BUNKERHILL OUTFALL SOIL SAMPLE #3

Lab Sample ID: 280-159040-3

Date Collected: 02/22/22 09:45

Matrix: Solid

Date Received: 02/24/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Prep	20B			50.500 g	1.0 mL	567936	03/07/22 18:42	LRD	TAL DEN
Soluble	Analysis	20B		10			568183	03/09/22 16:09	DNM	TAL DEN
Total/NA	Analysis	Moisture		1			567047	02/24/22 17:33	SVC	TAL DEN

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #1

Lab Sample ID: 280-159040-4

Date Collected: 02/22/22 12:30

Matrix: Solid

Date Received: 02/24/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Prep	20B			20.258 g	1.0 mL	567936	03/07/22 18:42	LRD	TAL DEN
Soluble	Analysis	20B		10			568183	03/09/22 16:09	DNM	TAL DEN
Total/NA	Analysis	9045D		1			193681	03/03/22 16:01	NCE	XEN CC
Soluble	Prep	Sat Paste Ext			20 g	20 mL	193599	03/01/22 14:15	LDK	XEN CC
Soluble	Analysis	9050A		1			193600	03/01/22 15:55	LDK	XEN CC
Total/NA	Analysis	Moisture		1			567047	02/24/22 17:33	SVC	TAL DEN

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #1

Lab Sample ID: 280-159040-4

Date Collected: 02/22/22 12:30

Matrix: Solid

Date Received: 02/24/22 10:05

Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.137 g	100 mL	567059	02/28/22 08:05	PNS	TAL DEN
Total/NA	Analysis	6010B		1			567314	02/28/22 21:21	MAB	TAL DEN
Total/NA	Prep	3050B			1.270 g	100 mL	567306	03/02/22 08:11	PNS	TAL DEN
Total/NA	Analysis	6020		1			567579	03/02/22 16:17	LMT	TAL DEN

Eurofins Denver

Lab Chronicle

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #2

Lab Sample ID: 280-159040-5

Date Collected: 02/22/22 12:30

Matrix: Solid

Date Received: 02/24/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Prep	20B			50.045 g	1.0 mL	567936	03/07/22 18:42	LRD	TAL DEN
Soluble	Analysis	20B		10			568183	03/09/22 16:09	DNM	TAL DEN
Total/NA	Analysis	9045D		1			193681	03/03/22 16:01	NCE	XEN CC
Soluble	Prep	Sat Paste Ext			20 g	20 mL	193599	03/01/22 14:15	LDK	XEN CC
Soluble	Analysis	9050A		1			193600	03/01/22 15:55	LDK	XEN CC
Total/NA	Analysis	Moisture		1			567047	02/24/22 17:33	SVC	TAL DEN

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #2

Lab Sample ID: 280-159040-5

Date Collected: 02/22/22 12:30

Matrix: Solid

Date Received: 02/24/22 10:05

Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.189 g	100 mL	567059	02/28/22 08:05	PNS	TAL DEN
Total/NA	Analysis	6010B		1			567314	02/28/22 21:25	MAB	TAL DEN
Total/NA	Prep	3050B			1.113 g	100 mL	567306	03/02/22 08:11	PNS	TAL DEN
Total/NA	Analysis	6020		1			567579	03/02/22 16:35	LMT	TAL DEN

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #3

Lab Sample ID: 280-159040-6

Date Collected: 02/22/22 12:30

Matrix: Solid

Date Received: 02/24/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Prep	20B			30.019 g	1.0 mL	567936	03/07/22 18:42	LRD	TAL DEN
Soluble	Analysis	20B		10			568183	03/09/22 16:09	DNM	TAL DEN
Total/NA	Analysis	9045D		1			193681	03/03/22 16:01	NCE	XEN CC
Soluble	Prep	Sat Paste Ext			20 g	20 mL	193599	03/01/22 14:15	LDK	XEN CC
Soluble	Analysis	9050A		1			193600	03/01/22 15:55	LDK	XEN CC
Total/NA	Analysis	Moisture		1			567047	02/24/22 17:33	SVC	TAL DEN

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #3

Lab Sample ID: 280-159040-6

Date Collected: 02/22/22 12:30

Matrix: Solid

Date Received: 02/24/22 10:05

Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.159 g	100 mL	567059	02/28/22 08:05	PNS	TAL DEN
Total/NA	Analysis	6010B		1			567314	02/28/22 21:30	MAB	TAL DEN
Total/NA	Prep	3050B			1.159 g	100 mL	567059	02/28/22 08:05	PNS	TAL DEN
Total/NA	Analysis	6010B		5			567367	03/01/22 09:43	MAB	TAL DEN
Total/NA	Prep	3050B			1.452 g	100 mL	567306	03/02/22 08:11	PNS	TAL DEN
Total/NA	Analysis	6020		1			567579	03/02/22 16:39	LMT	TAL DEN

Eurofins Denver

Lab Chronicle

Client: Evergreen Natural Resources LLC
Project/Site: Soil Sampling

Job ID: 280-159040-1

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #4-NATIVE

Lab Sample ID: 280-159040-7

Date Collected: 02/22/22 12:30

Matrix: Solid

Date Received: 02/24/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Prep	20B			15.011 g	1.0 mL	567936	03/07/22 18:43	LRD	TAL DEN
Soluble	Analysis	20B		10			568183	03/09/22 16:09	DNM	TAL DEN
Total/NA	Analysis	9045D		1			193681	03/03/22 16:01	NCE	XEN CC
Soluble	Prep	Sat Paste Ext			20 g	20 mL	193599	03/01/22 14:15	LDK	XEN CC
Soluble	Analysis	9050A		1			193600	03/01/22 15:55	LDK	XEN CC
Total/NA	Analysis	Moisture		1			567047	02/24/22 17:33	SVC	TAL DEN

Client Sample ID: ANGEL 44-7-PIT SOIL SAMPLE #4-NATIVE

Lab Sample ID: 280-159040-7

Date Collected: 02/22/22 12:30

Matrix: Solid

Date Received: 02/24/22 10:05

Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.154 g	100 mL	567059	02/28/22 08:05	PNS	TAL DEN
Total/NA	Analysis	6010B		1			567314	02/28/22 21:35	MAB	TAL DEN
Total/NA	Prep	3050B			1.302 g	100 mL	567306	03/02/22 08:11	PNS	TAL DEN
Total/NA	Analysis	6020		1			567579	03/02/22 16:42	LMT	TAL DEN

Laboratory References:

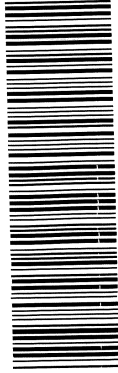
TAL DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

XEN CC = Eurofins Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2471

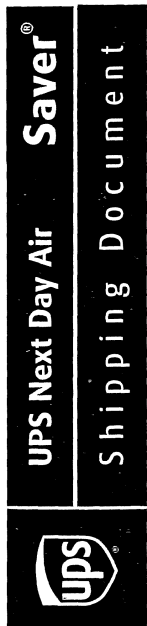
Eurofins TestAmerica, Denver
4955 Yarrow Street
Arvada, CO 80002
Phone (303) 736-0100 Fax (303) 431-7171

Chain of Custody Record

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America



Sampler: L. Montoya		Lab PM: Harrington, Danielle M	280-159040 Chain of Custody		J4816-30964.1								
Client Information		Page: 1 of 1											
Client Contact: Mackenzie Smith		State of Origin:											
Stacey Wiseman		Job #:											
Company: Evergreen Natural Resources LLC		Analysis Requested											
Address: 27000 Hwy 12		Due Date Requested:											
City: Trinidad		TAT Requested (days):											
State, Zip: CO, 81082		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											
Phone:		PO #:											
Email: Mackenzie.smith@enrllc.com		WO #:											
Project Name: Evergreen Natural Resources		Project #:											
Site: Colorado		SSOW #:											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=trace, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	T-915-1 METALS B.	T-915-1 SOIL SUITABILITY	FOR RECLAMATION	Total Number of Containers	Special Instructions/Note:	
BUNKERHILL OUTFALL		2-22-22	0945	G	Solid	N							
SOIL SAMPLE #1		2-22-22	0945	G		N X						2	37.25261/-104.66750
SOIL SAMPLE #2		2-22-22	0945	G		N X						2	37.25249/-104.66747
SOIL SAMPLE #3		2-22-22	0945	G		N X						2	37.25225/-104.66757
ANGEL 4M-7. PIT													
SOIL SAMPLE #1		2-22-22	1230	G		N X						2	37.09465/-104.59723
SOIL SAMPLE #2		2-22-22	1230	G		N X						2	37.09471/-104.59728
SOIL SAMPLE #5		2-22-22	1230	G		N X						2	37.09466/-104.59737
SOIL SAMPLE #4 - NATIVE		2-22-22	1230	G		N X						2	37.09469/-104.59743
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input checked="" type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months											
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:											
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:							
Relinquished by: L. MONTAYA		Date/Time: 2-22-22/1645		Company: ENR		Received by: MAK		Date/Time: 02/24/2022		Company: ETA B&H			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Custody Seal No.: 1003652		Cooler Temperature(s) °C and Other Remarks: 0.5 CF-0.2 12-13									



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Shipping Document

SHIPMENT FROM
UPS ACCOUNT NO. 5 2 3 R 1 1

REFERENCE NUMBER
BUNKER HILL OUTFALL / ANGEL 44-7-PT

MARK MARTINEZ TELEPHONE 719-846-7898

EVERGREEN NATURAL RESOURCES LLC

27000 HWY 12

TRINIDAD CO 81082

EXTREMELY URGENT DELIVERY TO TELEPHONE

DANIELLE HARRIN 303-421-6611

TEST AMERICA

4955 YARROW ST

ARVADA CO 80002

RRD 31.5A 07/2020



280-159040 Waybill

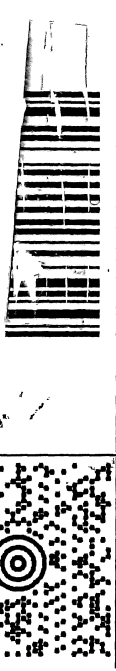
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SHIPPER RELEASE 1P 1P

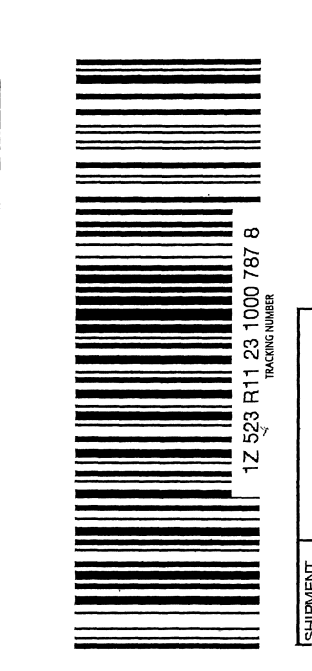
Shipment subject to US export control and forwarding agent for export control and customer purposes. If the shipment contains commodities, technology or software, if exported from the United States, were subject to US export control and forwarding agent Administration Regulations. Diversion contrary to law is prohibited.



Environment Testir
TestAmerica
CO 1003652



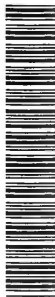
UPS Next Day Air Saver® 1P
EXTREMELY URGENT



1Z 523 R11 23 1000 787 8
TRACKING NUMBER

SLIDEMENT

Chain of Custody Record



Client Information (Sub Contract Lab)										
Sampler:	Harrington, Danielle M	Lab PM.	Harrington, Danielle M	Carrier Tracking No(s)	COC No: 280-604898.1					
Phone:	E-Mail: Danielle.Harrington@Eurofinset.com			State of Origin: Colorado	Page: Page 1 of 1					
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note).								
Address: 1733 N. Padre Island Drive,										
City: Corpus Christi										
State, Zip: TX, 78408										
Phone: 361-289-2471(Tel) 361-289-2673(Fax)										
Email:										
Project Name: Soil Sampling										
Site: Evergreen Natural Resources										
SSOW#:										
Due Date Requested: 3/9/2022		Analysis Requested								
TAT Requested (days):										
PO #:										
WO #:										
Project #: 28001998										
Sample ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=soil/ BT=Tissue, AA=Air)	Potential Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9045D/pH only no Corrosivity	Total Number of containers	Special Instructions/Note:
ANGEL 44-7-PIT SOIL SAMPLE #1 (280-159040-4)	2/22/22	12:30 Mountain	Solid	X	X	1	Saturated Paste prep please			
ANGEL 44-7-PIT SOIL SAMPLE #2 (280-159040-5)	2/22/22	12:30 Mountain	Solid	X	X	1	Saturated Paste prep please			
ANGEL 44-7-PIT SOIL SAMPLE #3 (280-159040-6)	2/22/22	12:30 Mountain	Solid	X	X	1	Saturated Paste prep please			
ANGEL 44-7-PIT SOIL SAMPLE #4-NATIVE (280-159040-7)	2/22/22	12:30 Mountain	Solid	X	X	1	Saturated Paste prep please			
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.										
Possible Hazard Identification										
Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2										
Empty Kit Relinquished by: Relinquished by: Relinquished by: Relinquished by:										
Date:	Time:	Date:	Time:	Date:	Time:	Date:	Time:	Date:	Time:	Date:
2/25/22	5:00	2/25/22	5:00	2/25/22	5:00	2/25/22	5:00	2/25/22	5:00	2/25/22
Method of Shipment: Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months										
Special Instructions/QC Requirements:										
Date/Time: 2-26-22 11:13 Company EX										
Date/Time: Company										
Date/Time: Company										
Cooler Temperature(s) °C and Other Remarks: 2.1 A2 IN-10 2.4										