

ANALYTICAL REPORT

PREPARED FOR

Attn: Monica Smith
Harvest
1755 Arroyo Dr.
Bloomfield, New Mexico 87413

Generated 8/9/2024 4:03:37 PM

JOB DESCRIPTION

Ignacio Plant

JOB NUMBER

885-8185-1

Eurofins Albuquerque

Job Notes

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

Authorization



Generated
8/9/2024 4:03:37 PM

Authorized for release by
Michelle Garcia, Project Manager
michelle.garcia@et.eurofinsus.com
(505)345-3975



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	11
QC Association Summary	14
Lab Chronicle	17
Certification Summary	20
Chain of Custody	21
Receipt Checklists	22

Definitions/Glossary

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: Harvest
Project: Ignacio Plant

Job ID: 885-8185-1

Job ID: 885-8185-1

Eurofins Albuquerque

Job Narrative 885-8185-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

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

Receipt

The samples were received on 7/18/2024 6:27 AM. 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 2.5°C.

GC/MS Semi VOA

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

Gasoline Range Organics

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

Diesel Range Organics

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

Metals

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

General Chemistry

Method 4F2b2 Resist: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 885-9598 and analytical batch 885-9639.

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

Eurofins Albuquerque

Client Sample Results

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

Client Sample ID: SW1

Lab Sample ID: 885-8185-1

Date Collected: 07/17/24 10:20

Matrix: Solid

Date Received: 07/18/24 06:27

Method: SW846 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.084		0.019	mg/Kg		07/24/24 16:11	08/05/24 14:44	1
2-Methylnaphthalene	0.11		0.019	mg/Kg		07/24/24 16:11	08/05/24 14:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	34		26 - 130			07/24/24 16:11	08/05/24 14:44	1
2,4,6-Tribromophenol (Surr)	59		15 - 130			07/24/24 16:11	08/05/24 14:44	1
p-Terphenyl-d14 (Surr)	63		15 - 137			07/24/24 16:11	08/05/24 14:44	1
2-Fluorobiphenyl (Surr)	35		15 - 130			07/24/24 16:11	08/05/24 14:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		07/24/24 10:36	07/25/24 19:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			07/24/24 10:36	07/25/24 19:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	14		9.6	mg/Kg		07/18/24 09:54	07/18/24 13:11	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/18/24 09:54	07/18/24 13:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			07/18/24 09:54	07/18/24 13:11	1

Method: USDA 20B - Sodium Adsorption Ratio

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	410		50	mg/Kg			07/31/24 17:53	1
Calcium	8100		50	mg/Kg			07/31/24 17:53	1
Magnesium	3100		50	mg/Kg			07/31/24 17:53	1
Sodium Adsorption Ratio	0.97		0.010	NONE			07/31/24 17:53	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	180		0.20	mg/Kg		07/25/24 11:36	07/31/24 15:45	2
Calcium	8100		99	mg/Kg		07/25/24 11:36	07/31/24 15:45	2
Magnesium	3100		99	mg/Kg		07/25/24 11:36	07/31/24 15:45	2
Sodium	410		99	mg/Kg		07/25/24 11:36	07/31/24 15:45	2

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.15		0.020	mg/Kg			07/29/24 14:12	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Resistivity (USDA 4F2b2a1)	800		100	ohm cm		07/31/24 15:27	08/01/24 12:17	1
Specific Conductance (USDA 4F2b2a1)	1300		100	umhos/cm		07/31/24 15:27	08/01/24 12:17	1
pH (SW846 9040C)	7.7		0.1	SU			07/31/24 15:35	1

Eurofins Albuquerque

Client Sample Results

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

Client Sample ID: SW2

Lab Sample ID: 885-8185-2

Date Collected: 07/17/24 10:35

Matrix: Solid

Date Received: 07/18/24 06:27

Method: SW846 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		07/24/24 16:11	08/05/24 15:29	1
2-Methylnaphthalene	ND		0.020	mg/Kg		07/24/24 16:11	08/05/24 15:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	75		26 - 130			07/24/24 16:11	08/05/24 15:29	1
2,4,6-Tribromophenol (Surr)	100		15 - 130			07/24/24 16:11	08/05/24 15:29	1
p-Terphenyl-d14 (Surr)	91		15 - 137			07/24/24 16:11	08/05/24 15:29	1
2-Fluorobiphenyl (Surr)	64		15 - 130			07/24/24 16:11	08/05/24 15:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7	mg/Kg		07/24/24 10:36	07/25/24 19:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		35 - 166			07/24/24 10:36	07/25/24 19:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	51		9.6	mg/Kg		07/18/24 09:54	07/18/24 13:21	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/18/24 09:54	07/18/24 13:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			07/18/24 09:54	07/18/24 13:21	1

Method: USDA 20B - Sodium Adsorption Ratio

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	340		50	mg/Kg			07/31/24 17:53	1
Calcium	2400		50	mg/Kg			07/31/24 17:53	1
Magnesium	2700		50	mg/Kg			07/31/24 17:53	1
Sodium Adsorption Ratio	1.1		0.010	NONE			07/31/24 17:53	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	150		0.20	mg/Kg		07/25/24 11:36	07/31/24 15:47	2
Calcium	2400		100	mg/Kg		07/25/24 11:36	07/31/24 15:47	2
Magnesium	2700		100	mg/Kg		07/25/24 11:36	07/31/24 15:47	2
Sodium	340		100	mg/Kg		07/25/24 11:36	07/31/24 15:47	2

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16		0.020	mg/Kg			07/29/24 14:17	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Resistivity (USDA 4F2b2a1)	1400		100	ohm cm		07/31/24 15:27	08/01/24 12:17	1
Specific Conductance (USDA 4F2b2a1)	720		100	umhos/cm		07/31/24 15:27	08/01/24 12:17	1
pH (SW846 9040C)	8.0		0.1	SU			07/31/24 15:35	1

Eurofins Albuquerque

Client Sample Results

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

Client Sample ID: SW3

Lab Sample ID: 885-8185-3

Date Collected: 07/17/24 11:00

Matrix: Solid

Date Received: 07/18/24 06:27

Method: SW846 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		07/24/24 16:11	08/05/24 16:14	1
2-Methylnaphthalene	ND		0.020	mg/Kg		07/24/24 16:11	08/05/24 16:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	38		26 - 130			07/24/24 16:11	08/05/24 16:14	1
2,4,6-Tribromophenol (Surr)	69		15 - 130			07/24/24 16:11	08/05/24 16:14	1
p-Terphenyl-d14 (Surr)	64		15 - 137			07/24/24 16:11	08/05/24 16:14	1
2-Fluorobiphenyl (Surr)	40		15 - 130			07/24/24 16:11	08/05/24 16:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/24/24 10:36	07/25/24 20:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		35 - 166			07/24/24 10:36	07/25/24 20:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		07/18/24 09:54	07/18/24 13:32	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/18/24 09:54	07/18/24 13:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			07/18/24 09:54	07/18/24 13:32	1

Method: USDA 20B - Sodium Adsorption Ratio

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	510		50	mg/Kg			07/31/24 17:53	1
Calcium	9000		50	mg/Kg			07/31/24 17:53	1
Magnesium	3400		50	mg/Kg			07/31/24 17:53	1
Sodium Adsorption Ratio	1.2		0.010	NONE			07/31/24 17:53	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	200		0.21	mg/Kg		07/25/24 11:36	07/31/24 15:49	2
Calcium	9000		100	mg/Kg		07/25/24 11:36	07/31/24 15:49	2
Magnesium	3400		100	mg/Kg		07/25/24 11:36	07/31/24 15:49	2
Sodium	510		100	mg/Kg		07/25/24 11:36	07/31/24 15:49	2

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16		0.020	mg/Kg			07/29/24 14:22	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Resistivity (USDA 4F2b2a1)	730		100	ohm cm		07/31/24 15:27	08/01/24 12:17	1
Specific Conductance (USDA 4F2b2a1)	1400		100	umhos/cm		07/31/24 15:27	08/01/24 12:17	1
pH (SW846 9040C)	8.1		0.1	SU			07/31/24 15:35	1

Eurofins Albuquerque

Client Sample Results

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

Client Sample ID: SW4

Lab Sample ID: 885-8185-4

Date Collected: 07/17/24 11:10

Matrix: Solid

Date Received: 07/18/24 06:27

Method: SW846 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		07/24/24 16:11	08/05/24 16:59	1
2-Methylnaphthalene	ND		0.020	mg/Kg		07/24/24 16:11	08/05/24 16:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	58		26 - 130			07/24/24 16:11	08/05/24 16:59	1
2,4,6-Tribromophenol (Surr)	76		15 - 130			07/24/24 16:11	08/05/24 16:59	1
p-Terphenyl-d14 (Surr)	67		15 - 137			07/24/24 16:11	08/05/24 16:59	1
2-Fluorobiphenyl (Surr)	50		15 - 130			07/24/24 16:11	08/05/24 16:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		07/24/24 10:36	07/25/24 20:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			07/24/24 10:36	07/25/24 20:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	27		9.6	mg/Kg		07/18/24 09:54	07/18/24 13:43	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/18/24 09:54	07/18/24 13:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			07/18/24 09:54	07/18/24 13:43	1

Method: USDA 20B - Sodium Adsorption Ratio

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	750		50	mg/Kg			07/31/24 17:53	1
Calcium	3200		50	mg/Kg			07/31/24 17:53	1
Magnesium	2200		50	mg/Kg			07/31/24 17:53	1
Sodium Adsorption Ratio	2.5		0.010	NONE			07/31/24 17:53	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	170		0.20	mg/Kg		07/25/24 11:36	07/31/24 15:51	2
Calcium	3200		100	mg/Kg		07/25/24 11:36	07/31/24 15:51	2
Magnesium	2200		100	mg/Kg		07/25/24 11:36	07/31/24 15:51	2
Sodium	750		100	mg/Kg		07/25/24 11:36	07/31/24 15:51	2

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.18		0.020	mg/Kg			07/29/24 14:27	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Resistivity (USDA 4F2b2a1)	670		100	ohm cm		07/31/24 15:27	08/01/24 12:17	1
Specific Conductance (USDA 4F2b2a1)	1500		100	umhos/cm		07/31/24 15:27	08/01/24 12:17	1
pH (SW846 9040C)	7.7		0.1	SU			07/31/24 15:35	1

Eurofins Albuquerque

Client Sample Results

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

Client Sample ID: Bottom

Lab Sample ID: 885-8185-5

Date Collected: 07/17/24 11:15

Matrix: Solid

Date Received: 07/18/24 06:27

Method: SW846 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.019	mg/Kg		07/24/24 16:11	08/05/24 17:46	1
2-Methylnaphthalene	ND		0.019	mg/Kg		07/24/24 16:11	08/05/24 17:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	49		26 - 130			07/24/24 16:11	08/05/24 17:46	1
2,4,6-Tribromophenol (Surr)	80		15 - 130			07/24/24 16:11	08/05/24 17:46	1
p-Terphenyl-d14 (Surr)	77		15 - 137			07/24/24 16:11	08/05/24 17:46	1
2-Fluorobiphenyl (Surr)	49		15 - 130			07/24/24 16:11	08/05/24 17:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		07/24/24 10:36	07/25/24 21:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			07/24/24 10:36	07/25/24 21:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		07/18/24 09:54	07/18/24 13:54	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		07/18/24 09:54	07/18/24 13:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			07/18/24 09:54	07/18/24 13:54	1

Method: USDA 20B - Sodium Adsorption Ratio

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	400		50	mg/Kg			07/31/24 17:53	1
Calcium	40000		50	mg/Kg			07/31/24 17:53	1
Magnesium	3300		50	mg/Kg			07/31/24 17:53	1
Sodium Adsorption Ratio	0.52		0.010	NONE			07/31/24 17:53	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	190		0.19	mg/Kg		07/25/24 11:36	07/31/24 15:53	2
Calcium	40000		4800	mg/Kg		07/25/24 11:36	07/31/24 16:01	100
Magnesium	3300		97	mg/Kg		07/25/24 11:36	07/31/24 15:53	2
Sodium	400		97	mg/Kg		07/25/24 11:36	07/31/24 15:53	2

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.18		0.020	mg/Kg			07/29/24 14:32	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Resistivity (USDA 4F2b2a1)	1000		100	ohm cm		08/01/24 16:15	08/02/24 10:23	1
Specific Conductance (USDA 4F2b2a1)	990		100	umhos/cm		08/01/24 16:15	08/02/24 10:23	1
pH (SW846 9040C)	8.0		0.1	SU			07/31/24 15:35	1

Eurofins Albuquerque

QC Sample Results

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 885-9080/1-A

Matrix: Solid

Analysis Batch: 9478

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9080

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		07/24/24 16:11	08/05/24 11:45	1
2-Methylnaphthalene	ND		0.020	mg/Kg		07/24/24 16:11	08/05/24 11:45	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	32		26 - 130			07/24/24 16:11	08/05/24 11:45	1
2,4,6-Tribromophenol (Surr)	35		15 - 130			07/24/24 16:11	08/05/24 11:45	1
p-Terphenyl-d14 (Surr)	61		15 - 137			07/24/24 16:11	08/05/24 11:45	1
2-Fluorobiphenyl (Surr)	43		15 - 130			07/24/24 16:11	08/05/24 11:45	1

Lab Sample ID: LCS 885-9080/2-A

Matrix: Solid

Analysis Batch: 9478

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9080

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0333	0.0177	J	mg/Kg		53	30 - 130
2-Methylnaphthalene	0.0333	0.0183	J	mg/Kg		55	31 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Nitrobenzene-d5 (Surr)	31		26 - 130				
2,4,6-Tribromophenol (Surr)	46		15 - 130				
p-Terphenyl-d14 (Surr)	55		15 - 137				
2-Fluorobiphenyl (Surr)	40		15 - 130				

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

Lab Sample ID: MB 885-9044/1-A

Matrix: Solid

Analysis Batch: 9196

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9044

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/24/24 10:36	07/25/24 19:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			07/24/24 10:36	07/25/24 19:08	1

Lab Sample ID: LCS 885-9044/2-A

Matrix: Solid

Analysis Batch: 9196

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9044

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	22.1		mg/Kg		88	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	204	S1+	35 - 166				

Eurofins Albuquerque

QC Sample Results

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

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

Lab Sample ID: MB 885-8644/1-A

Matrix: Solid

Analysis Batch: 8655

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 8644

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		07/18/24 09:54	07/18/24 12:49	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/18/24 09:54	07/18/24 12:49	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			07/18/24 09:54	07/18/24 12:49	1

Lab Sample ID: LCS 885-8644/2-A

Matrix: Solid

Analysis Batch: 8655

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 8644

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	43.8		mg/Kg		88	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	93		62 - 134				

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 885-9160/1-A

Matrix: Solid

Analysis Batch: 9533

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9160

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.10	mg/Kg		07/25/24 11:33	07/31/24 15:37	1
Calcium	ND		50	mg/Kg		07/25/24 11:33	07/31/24 15:37	1
Magnesium	ND		50	mg/Kg		07/25/24 11:33	07/31/24 15:37	1
Sodium	ND		50	mg/Kg		07/25/24 11:33	07/31/24 15:37	1

Lab Sample ID: LCS 885-9160/6-A

Matrix: Solid

Analysis Batch: 9533

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9160

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	25.0	23.6		mg/Kg		94	80 - 120
Calcium	2500	2370		mg/Kg		95	80 - 120
Magnesium	2500	2290		mg/Kg		92	80 - 120
Sodium	2500	2380		mg/Kg		95	80 - 120

Lab Sample ID: LCSD 885-9160/7-A

Matrix: Solid

Analysis Batch: 9533

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9160

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	25.0	22.7		mg/Kg		91	80 - 120	4	20
Calcium	2500	2310		mg/Kg		92	80 - 120	3	20
Magnesium	2500	2240		mg/Kg		89	80 - 120	2	20
Sodium	2500	2360		mg/Kg		95	80 - 120	0	20

Eurofins Albuquerque

QC Sample Results

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MRL 885-9533/29

Matrix: Solid

Analysis Batch: 9533

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.0500	0.0472		mg/L		94	50 - 150
Calcium	0.500	0.505	J	mg/L		101	50 - 150
Magnesium	0.500	0.499	J	mg/L		100	50 - 150
Sodium	0.500	0.466	J	mg/L		93	50 - 150

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 885-9160/1-A

Matrix: Solid

Analysis Batch: 9391

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9160

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.0	mg/Kg		07/25/24 11:33	07/29/24 13:19	10

Lab Sample ID: LCS 885-9160/3-A

Matrix: Solid

Analysis Batch: 9391

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9160

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	5.00	5.06		mg/Kg		101	80 - 120

Lab Sample ID: MRL 885-9391/9

Matrix: Solid

Analysis Batch: 9391

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.00100	0.00111		mg/L		111	70 - 130

QC Association Summary

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

GC/MS Semi VOA

Prep Batch: 9080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-1	SW1	Total/NA	Solid	3540C	
885-8185-2	SW2	Total/NA	Solid	3540C	
885-8185-3	SW3	Total/NA	Solid	3540C	
885-8185-4	SW4	Total/NA	Solid	3540C	
885-8185-5	Bottom	Total/NA	Solid	3540C	
MB 885-9080/1-A	Method Blank	Total/NA	Solid	3540C	
LCS 885-9080/2-A	Lab Control Sample	Total/NA	Solid	3540C	

Analysis Batch: 9478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-1	SW1	Total/NA	Solid	8270C SIM	9080
885-8185-2	SW2	Total/NA	Solid	8270C SIM	9080
885-8185-3	SW3	Total/NA	Solid	8270C SIM	9080
885-8185-4	SW4	Total/NA	Solid	8270C SIM	9080
885-8185-5	Bottom	Total/NA	Solid	8270C SIM	9080
MB 885-9080/1-A	Method Blank	Total/NA	Solid	8270C SIM	9080
LCS 885-9080/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	9080

GC VOA

Prep Batch: 9044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-1	SW1	Total/NA	Solid	5030C	
885-8185-2	SW2	Total/NA	Solid	5030C	
885-8185-3	SW3	Total/NA	Solid	5030C	
885-8185-4	SW4	Total/NA	Solid	5030C	
885-8185-5	Bottom	Total/NA	Solid	5030C	
MB 885-9044/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9044/2-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 9196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-1	SW1	Total/NA	Solid	8015M/D	9044
885-8185-2	SW2	Total/NA	Solid	8015M/D	9044
885-8185-3	SW3	Total/NA	Solid	8015M/D	9044
885-8185-4	SW4	Total/NA	Solid	8015M/D	9044
885-8185-5	Bottom	Total/NA	Solid	8015M/D	9044
MB 885-9044/1-A	Method Blank	Total/NA	Solid	8015M/D	9044
LCS 885-9044/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9044

GC Semi VOA

Prep Batch: 8644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-1	SW1	Total/NA	Solid	SHAKE	
885-8185-2	SW2	Total/NA	Solid	SHAKE	
885-8185-3	SW3	Total/NA	Solid	SHAKE	
885-8185-4	SW4	Total/NA	Solid	SHAKE	
885-8185-5	Bottom	Total/NA	Solid	SHAKE	
MB 885-8644/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-8644/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

GC Semi VOA

Analysis Batch: 8655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-1	SW1	Total/NA	Solid	8015D	8644
885-8185-2	SW2	Total/NA	Solid	8015D	8644
885-8185-3	SW3	Total/NA	Solid	8015D	8644
885-8185-4	SW4	Total/NA	Solid	8015D	8644
885-8185-5	Bottom	Total/NA	Solid	8015D	8644
MB 885-8644/1-A	Method Blank	Total/NA	Solid	8015D	8644
LCS 885-8644/2-A	Lab Control Sample	Total/NA	Solid	8015D	8644

Metals

Prep Batch: 9160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-1	SW1	Total/NA	Solid	3050B	
885-8185-2	SW2	Total/NA	Solid	3050B	
885-8185-3	SW3	Total/NA	Solid	3050B	
885-8185-4	SW4	Total/NA	Solid	3050B	
885-8185-5	Bottom	Total/NA	Solid	3050B	
MB 885-9160/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 885-9160/3-A	Lab Control Sample	Total/NA	Solid	3050B	
LCS 885-9160/6-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 885-9160/7-A	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 9391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-1	SW1	Total/NA	Solid	6020A	
885-8185-2	SW2	Total/NA	Solid	6020A	
885-8185-3	SW3	Total/NA	Solid	6020A	
885-8185-4	SW4	Total/NA	Solid	6020A	
885-8185-5	Bottom	Total/NA	Solid	6020A	
MB 885-9160/1-A	Method Blank	Total/NA	Solid	6020A	9160
LCS 885-9160/3-A	Lab Control Sample	Total/NA	Solid	6020A	9160
MRL 885-9391/9	Lab Control Sample	Total/NA	Solid	6020A	

Analysis Batch: 9533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-1	SW1	Total/NA	Solid	6010B	9160
885-8185-2	SW2	Total/NA	Solid	6010B	9160
885-8185-3	SW3	Total/NA	Solid	6010B	9160
885-8185-4	SW4	Total/NA	Solid	6010B	9160
885-8185-5	Bottom	Total/NA	Solid	6010B	9160
885-8185-5	Bottom	Total/NA	Solid	6010B	9160
MB 885-9160/1-A	Method Blank	Total/NA	Solid	6010B	9160
LCS 885-9160/6-A	Lab Control Sample	Total/NA	Solid	6010B	9160
LCSD 885-9160/7-A	Lab Control Sample Dup	Total/NA	Solid	6010B	9160
MRL 885-9533/29	Lab Control Sample	Total/NA	Solid	6010B	

Analysis Batch: 9536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-1	SW1	Total/NA	Solid	20B	
885-8185-2	SW2	Total/NA	Solid	20B	
885-8185-3	SW3	Total/NA	Solid	20B	

Eurofins Albuquerque

QC Association Summary

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

Metals (Continued)

Analysis Batch: 9536 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-4	SW4	Total/NA	Solid	20B	
885-8185-5	Bottom	Total/NA	Solid	20B	

General Chemistry

Analysis Batch: 9458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-1	SW1	Total/NA	Solid	9040C	
885-8185-2	SW2	Total/NA	Solid	9040C	
885-8185-3	SW3	Total/NA	Solid	9040C	
885-8185-4	SW4	Total/NA	Solid	9040C	
885-8185-5	Bottom	Total/NA	Solid	9040C	

Prep Batch: 9525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-1	SW1	Total/NA	Solid	Sat Paste Ext	
885-8185-2	SW2	Total/NA	Solid	Sat Paste Ext	
885-8185-3	SW3	Total/NA	Solid	Sat Paste Ext	
885-8185-4	SW4	Total/NA	Solid	Sat Paste Ext	

Analysis Batch: 9591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-1	SW1	Total/NA	Solid	4F2b2a1	9525
885-8185-2	SW2	Total/NA	Solid	4F2b2a1	9525
885-8185-3	SW3	Total/NA	Solid	4F2b2a1	9525
885-8185-4	SW4	Total/NA	Solid	4F2b2a1	9525

Prep Batch: 9598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-5	Bottom	Total/NA	Solid	Sat Paste Ext	

Analysis Batch: 9639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8185-5	Bottom	Total/NA	Solid	4F2b2a1	9598

Lab Chronicle

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

Client Sample ID: SW1

Date Collected: 07/17/24 10:20

Date Received: 07/18/24 06:27

Lab Sample ID: 885-8185-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3540C			9080	SB	EET ALB	07/24/24 16:11
Total/NA	Analysis	8270C SIM		1	9478	JE	EET ALB	08/05/24 14:44
Total/NA	Prep	5030C			9044	JP	EET ALB	07/24/24 10:36
Total/NA	Analysis	8015M/D		1	9196	JP	EET ALB	07/25/24 19:31
Total/NA	Prep	SHAKE			8644	KR	EET ALB	07/18/24 09:54
Total/NA	Analysis	8015D		1	8655	KR	EET ALB	07/18/24 13:11
Total/NA	Analysis	20B		1	9536	JF	EET ALB	07/31/24 17:53
Total/NA	Prep	3050B			9160	JE	EET ALB	07/25/24 11:36
Total/NA	Analysis	6010B		2	9533	VP	EET ALB	07/31/24 15:45
Total/NA	Analysis	6020A		10	9391	BV	EET ALB	07/29/24 14:12
Total/NA	Prep	Sat Paste Ext			9525	EH	EET ALB	07/31/24 15:27
Total/NA	Analysis	4F2b2a1		1	9591	EH	EET ALB	08/01/24 12:17
Total/NA	Analysis	9040C		1	9458	MA	EET ALB	07/31/24 15:35

Client Sample ID: SW2

Date Collected: 07/17/24 10:35

Date Received: 07/18/24 06:27

Lab Sample ID: 885-8185-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3540C			9080	SB	EET ALB	07/24/24 16:11
Total/NA	Analysis	8270C SIM		1	9478	JE	EET ALB	08/05/24 15:29
Total/NA	Prep	5030C			9044	JP	EET ALB	07/24/24 10:36
Total/NA	Analysis	8015M/D		1	9196	JP	EET ALB	07/25/24 19:55
Total/NA	Prep	SHAKE			8644	KR	EET ALB	07/18/24 09:54
Total/NA	Analysis	8015D		1	8655	KR	EET ALB	07/18/24 13:21
Total/NA	Analysis	20B		1	9536	JF	EET ALB	07/31/24 17:53
Total/NA	Prep	3050B			9160	JE	EET ALB	07/25/24 11:36
Total/NA	Analysis	6010B		2	9533	VP	EET ALB	07/31/24 15:47
Total/NA	Analysis	6020A		10	9391	BV	EET ALB	07/29/24 14:17
Total/NA	Prep	Sat Paste Ext			9525	EH	EET ALB	07/31/24 15:27
Total/NA	Analysis	4F2b2a1		1	9591	EH	EET ALB	08/01/24 12:17
Total/NA	Analysis	9040C		1	9458	MA	EET ALB	07/31/24 15:35

Client Sample ID: SW3

Date Collected: 07/17/24 11:00

Date Received: 07/18/24 06:27

Lab Sample ID: 885-8185-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3540C			9080	SB	EET ALB	07/24/24 16:11
Total/NA	Analysis	8270C SIM		1	9478	JE	EET ALB	08/05/24 16:14
Total/NA	Prep	5030C			9044	JP	EET ALB	07/24/24 10:36
Total/NA	Analysis	8015M/D		1	9196	JP	EET ALB	07/25/24 20:19
Total/NA	Prep	SHAKE			8644	KR	EET ALB	07/18/24 09:54
Total/NA	Analysis	8015D		1	8655	KR	EET ALB	07/18/24 13:32

Eurofins Albuquerque

Lab Chronicle

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

Client Sample ID: SW3

Date Collected: 07/17/24 11:00

Date Received: 07/18/24 06:27

Lab Sample ID: 885-8185-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	20B		1	9536	JF	EET ALB	07/31/24 17:53
Total/NA	Prep	3050B			9160	JE	EET ALB	07/25/24 11:36
Total/NA	Analysis	6010B		2	9533	VP	EET ALB	07/31/24 15:49
Total/NA	Analysis	6020A		10	9391	BV	EET ALB	07/29/24 14:22
Total/NA	Prep	Sat Paste Ext			9525	EH	EET ALB	07/31/24 15:27
Total/NA	Analysis	4F2b2a1		1	9591	EH	EET ALB	08/01/24 12:17
Total/NA	Analysis	9040C		1	9458	MA	EET ALB	07/31/24 15:35

Client Sample ID: SW4

Date Collected: 07/17/24 11:10

Date Received: 07/18/24 06:27

Lab Sample ID: 885-8185-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3540C			9080	SB	EET ALB	07/24/24 16:11
Total/NA	Analysis	8270C SIM		1	9478	JE	EET ALB	08/05/24 16:59
Total/NA	Prep	5030C			9044	JP	EET ALB	07/24/24 10:36
Total/NA	Analysis	8015M/D		1	9196	JP	EET ALB	07/25/24 20:42
Total/NA	Prep	SHAKE			8644	KR	EET ALB	07/18/24 09:54
Total/NA	Analysis	8015D		1	8655	KR	EET ALB	07/18/24 13:43
Total/NA	Analysis	20B		1	9536	JF	EET ALB	07/31/24 17:53
Total/NA	Prep	3050B			9160	JE	EET ALB	07/25/24 11:36
Total/NA	Analysis	6010B		2	9533	VP	EET ALB	07/31/24 15:51
Total/NA	Analysis	6020A		10	9391	BV	EET ALB	07/29/24 14:27
Total/NA	Prep	Sat Paste Ext			9525	EH	EET ALB	07/31/24 15:27
Total/NA	Analysis	4F2b2a1		1	9591	EH	EET ALB	08/01/24 12:17
Total/NA	Analysis	9040C		1	9458	MA	EET ALB	07/31/24 15:35

Client Sample ID: Bottom

Date Collected: 07/17/24 11:15

Date Received: 07/18/24 06:27

Lab Sample ID: 885-8185-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3540C			9080	SB	EET ALB	07/24/24 16:11
Total/NA	Analysis	8270C SIM		1	9478	JE	EET ALB	08/05/24 17:46
Total/NA	Prep	5030C			9044	JP	EET ALB	07/24/24 10:36
Total/NA	Analysis	8015M/D		1	9196	JP	EET ALB	07/25/24 21:05
Total/NA	Prep	SHAKE			8644	KR	EET ALB	07/18/24 09:54
Total/NA	Analysis	8015D		1	8655	KR	EET ALB	07/18/24 13:54
Total/NA	Analysis	20B		1	9536	JF	EET ALB	07/31/24 17:53
Total/NA	Prep	3050B			9160	JE	EET ALB	07/25/24 11:36
Total/NA	Analysis	6010B		2	9533	VP	EET ALB	07/31/24 15:53
Total/NA	Prep	3050B			9160	JE	EET ALB	07/25/24 11:36
Total/NA	Analysis	6010B		100	9533	VP	EET ALB	07/31/24 16:01
Total/NA	Analysis	6020A		10	9391	BV	EET ALB	07/29/24 14:32

Eurofins Albuquerque

Lab Chronicle

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

Client Sample ID: Bottom

Date Collected: 07/17/24 11:15

Date Received: 07/18/24 06:27

Lab Sample ID: 885-8185-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	Sat Paste Ext			9598	EH	EET ALB	08/01/24 16:15
Total/NA	Analysis	4F2b2a1		1	9639	EH	EET ALB	08/02/24 10:23
Total/NA	Analysis	9040C		1	9458	MA	EET ALB	07/31/24 15:35

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Harvest
Project/Site: Ignacio Plant

Job ID: 885-8185-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
20B		Solid	Calcium
20B		Solid	Magnesium
20B		Solid	Sodium
20B		Solid	Sodium Adsorption Ratio
4F2b2a1	Sat Paste Ext	Solid	Resistivity
4F2b2a1	Sat Paste Ext	Solid	Specific Conductance
6010B	3050B	Solid	Barium
6010B	3050B	Solid	Calcium
6010B	3050B	Solid	Magnesium
6010B	3050B	Solid	Sodium
6020A		Solid	Lead
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8015M/D	5030C	Solid	Gasoline Range Organics [C6 - C10]
8270C SIM	3540C	Solid	1-Methylnaphthalene
8270C SIM	3540C	Solid	2-Methylnaphthalene
9040C		Solid	pH

Oregon	NELAP	NM100001	02-26-25
--------	-------	----------	----------

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
20B		Solid	Calcium
20B		Solid	Magnesium
20B		Solid	Sodium
20B		Solid	Sodium Adsorption Ratio
4F2b2a1	Sat Paste Ext	Solid	Resistivity
4F2b2a1	Sat Paste Ext	Solid	Specific Conductance
8270C SIM	3540C	Solid	1-Methylnaphthalene
9040C		Solid	pH

Login Sample Receipt Checklist

Client: Harvest

Job Number: 885-8185-1

Login Number: 8185

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	