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ANALYTICAL REPORT

PREPARED FOR

Attn: Chad Snell
Harvest
1755 Arroyo Dr.
Bloomfield, New Mexico 87413

Generated 5/24/2024 10:08:54 AM

JOB DESCRIPTION

Ignacio Gas Plant

JOB NUMBER

885-4133-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

myEOL

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

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5/24/2024 10:08:54 AM

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Client: Harvest
Job ID: 885-4133-1
Project/Site: Ignacio Gas Plant

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Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low 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

Job ID: 885-4133-1 Eurofins Albuquerque

Job Narrative
885-4133-1

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

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

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

Receipt
The samples were received on 5/8/2024 7:25 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 3.4°C.

Subcontract Work
Methods Cr6, Hot Water Soluble Boron: These methods were subcontracted to Pace Analytical Services LLC. The subcontract laboratory certifications are different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

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

GC/MS Semi VOA
Method 8270C: The following samples were diluted due to the nature of the sample matrix: Bottom (885-4133-1), Side Wall 1 (885-4133-2), Side Wall 3 (885-4133-4), Side Wall 4 (885-4133-5) and Background (885-4133-6). Elevated reporting limits (RLs) are provided.

Method 8270C: The following sample was diluted due to the nature of the sample matrix: Side Wall 2 (885-4133-3). Elevated reporting limits (RLs) are provided.

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
Method 8015D_DRO: The following samples were diluted due to the nature of the sample matrix: Side Wall 2 (885-4133-3) and Side Wall 3 (885-4133-4). Elevated reporting limits (RLs) are provided.

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

Client Sample Results

Client: Harvest
Job ID: 885-4133-1
Project/Site: Ignacio Gas Plant

Client Sample ID: Bottom
Lab Sample ID: 885-4133-1
Date Collected: 05/07/24 11:30
Matrix: Solid
Date Received: 05/08/24 07:25

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,1,1-Trichloroethane	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,1,2,2-Tetrachloroethane	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,1,2-Trichloroethane	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,1-Dichloroethane	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,1-Dichloroethene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,1-Dichloropropene	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,2,3-Trichlorobenzene	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,2,3-Trichloropropane	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,2,4-Trichlorobenzene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,2,4-Trimethylbenzene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,2-Dibromo-3-Chloropropane	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,2-Dibromoethane (EDB)	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,2-Dichlorobenzene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,2-Dichloroethane (EDC)	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,2-Dichloropropane	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,3,5-Trimethylbenzene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,3-Dichlorobenzene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,3-Dichloropropane	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1,4-Dichlorobenzene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
1-Methylnaphthalene	**7.0**		0.99		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
2,2-Dichloropropane	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
2-Butanone	ND		2.5		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
2-Chlorotoluene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
2-Hexanone	ND		2.5		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
2-Methylnaphthalene	**2.6**		0.99		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
4-Chlorotoluene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
4-Isopropyltoluene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
4-Methyl-2-pentanone	ND		2.5		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Acetone	ND		3.7		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Benzene	ND		0.12		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Bromobenzene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Bromodichloromethane	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Dibromochloromethane	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Bromoform	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Bromomethane	ND		0.99		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Carbon disulfide	ND		2.5		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Carbon tetrachloride	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Chlorobenzene	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Chloroethane	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Chloroform	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Chloromethane	ND		0.74		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
cis-1,2-Dichloroethene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
cis-1,3-Dichloropropene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Dibromomethane	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Dichlorodifluoromethane	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Ethylbenzene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Hexachlorobutadiene	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Isopropylbenzene	ND		0.25		mg/Kg		05/10/24 12:26	05/15/24 01:11	5

Client Sample ID: Bottom
Lab Sample ID: 885-4133-1

Date Collected: 05/07/24 11:30
Matrix: Solid
Date Received: 05/08/24 07:25

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.25	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Methylene Chloride	ND		0.74	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
n-Butylbenzene	ND		0.74	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
N-Propylbenzene	ND		0.25	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Naphthalene	ND		0.50	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
sec-Butylbenzene	**0.36**		0.25	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Styrene	ND		0.25	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
tert-Butylbenzene	ND		0.25	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Tetrachloroethene (PCE)	ND		0.25	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Toluene	ND		0.25	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
trans-1,2-Dichloroethene	ND		0.25	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
trans-1,3-Dichloropropene	ND		0.25	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Trichloroethene (TCE)	ND		0.25	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Trichlorofluoromethane	ND		0.25	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Vinyl chloride	ND		0.25	mg/Kg		05/10/24 12:26	05/15/24 01:11	5
Xylenes, Total	ND		0.50	mg/Kg		05/10/24 12:26	05/15/24 01:11	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 147*	*05/10/24 12:26*	*05/15/24 01:11*	*5*
Toluene-d8 (Surr)	*100*		*70 - 130*	*05/10/24 12:26*	*05/15/24 01:11*	*5*
4-Bromofluorobenzene (Surr)	*103*		*62 - 144*	*05/10/24 12:26*	*05/15/24 01:11*	*5*
Dibromofluoromethane (Surr)	*94*		*73 - 145*	*05/10/24 12:26*	*05/15/24 01:11*	*5*

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	D	12	mg/Kg		05/10/24 15:33	05/14/24 15:34	50
2-Methylnaphthalene	ND	D	12	mg/Kg		05/10/24 15:33	05/14/24 15:34	50
Acenaphthene	ND	D	10	mg/Kg		05/10/24 15:33	05/14/24 15:34	50
Anthracene	ND	D	10	mg/Kg		05/10/24 15:33	05/14/24 15:34	50
Benzo[a]anthracene	ND	D	12	mg/Kg		05/10/24 15:33	05/14/24 15:34	50
Benzo[a]pyrene	ND	D	12	mg/Kg		05/10/24 15:33	05/14/24 15:34	50
Benzo[b]fluoranthene	ND	D	12	mg/Kg		05/10/24 15:33	05/14/24 15:34	50
Benzo[k]fluoranthene	ND	D	15	mg/Kg		05/10/24 15:33	05/14/24 15:34	50
Chrysene	ND	D	12	mg/Kg		05/10/24 15:33	05/14/24 15:34	50
Dibenz(a,h)anthracene	ND	D	12	mg/Kg		05/10/24 15:33	05/14/24 15:34	50
Fluoranthene	ND	D	12	mg/Kg		05/10/24 15:33	05/14/24 15:34	50
Fluorene	ND	D	12	mg/Kg		05/10/24 15:33	05/14/24 15:34	50
Indeno[1,2,3-cd]pyrene	ND	D	12	mg/Kg		05/10/24 15:33	05/14/24 15:34	50
Naphthalene	ND	D	12	mg/Kg		05/10/24 15:33	05/14/24 15:34	50
Pyrene	ND	D	12	mg/Kg		05/10/24 15:33	05/14/24 15:34	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5 (Surr)	*0*	*D S1-*	*24 - 130*	*05/10/24 15:33*	*05/14/24 15:34*	*50*
2-Fluorophenol (Surr)	*0*	*D S1-*	*21 - 130*	*05/10/24 15:33*	*05/14/24 15:34*	*50*
2,4,6-Tribromophenol (Surr)	*0*	*D S1-*	*20 - 130*	*05/10/24 15:33*	*05/14/24 15:34*	*50*
Nitrobenzene-d5 (Surr)	*0*	*D S1-*	*15 - 130*	*05/10/24 15:33*	*05/14/24 15:34*	*50*
2-Fluorobiphenyl (Surr)	*0*	*D S1-*	*21 - 130*	*05/10/24 15:33*	*05/14/24 15:34*	*50*
p-Terphenyl-d14 (Surr)	*0*	*D S1-*	*34 - 130*	*05/10/24 15:33*	*05/14/24 15:34*	*50*

Client Sample ID: Bottom

Date Collected: 05/07/24 11:30
Date Received: 05/08/24 07:25

Lab Sample ID: 885-4133-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**60**		25		mg/Kg		05/10/24 12:26	05/13/24 17:33	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*264*	*S1+*	*35 - 166*	*05/10/24 12:26*	*05/13/24 17:33*	*5*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**65**		9.1		mg/Kg		05/10/24 12:51	05/10/24 23:27	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		05/10/24 12:51	05/10/24 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*83*		*62 - 134*	*05/10/24 12:51*	*05/10/24 23:27*	*1*

Method: USDA 20B - Sodium Adsorption Ratio

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**520**		50		mg/Kg			05/20/24 15:57	1
Calcium	**52**		50		mg/Kg			05/20/24 15:57	1
Magnesium	ND		50		mg/Kg			05/20/24 15:57	1
Sodium Adsorption Ratio	**16**		0.010		NONE			05/20/24 15:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.1**		0.97		mg/Kg		05/13/24 11:09	05/21/24 14:54	10
Barium	**250**		9.7		mg/Kg		05/13/24 11:09	05/21/24 18:00	100
Cadmium	ND		0.97		mg/Kg		05/13/24 11:09	05/21/24 14:54	10
Lead	**9.3**		0.97		mg/Kg		05/13/24 11:09	05/21/24 14:54	10
Selenium	**2.0**		0.97		mg/Kg		05/13/24 11:09	05/21/24 14:54	10
Silver	ND		0.97		mg/Kg		05/13/24 11:09	05/21/24 14:54	10
Copper	**8.4**		1.6		mg/Kg		05/13/24 11:09	05/21/24 14:54	10
Nickel	**11**		1.3		mg/Kg		05/13/24 11:09	05/21/24 14:54	10
Zinc	**36**		9.7		mg/Kg		05/13/24 11:09	05/21/24 14:54	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Resistivity (USDA 4F2b2a1)	**860**		100		ohm cm		05/13/24 14:10	05/14/24 12:11	1
pH (SW846 9040C)	**8.6**		0.1		SU			05/13/24 16:16	1

Client Sample ID: Side Wall 1
Date Collected: 05/07/24 11:45
Date Received: 05/08/24 07:25

Lab Sample ID: 885-4133-2
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,1,1-Trichloroethane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,1,2,2-Tetrachloroethane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,1,2-Trichloroethane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,1-Dichloroethane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,1-Dichloroethene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,1-Dichloropropene	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,2,3-Trichlorobenzene	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,2,3-Trichloropropane	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,2,4-Trichlorobenzene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,2,4-Trimethylbenzene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,2-Dibromo-3-Chloropropane	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,2-Dibromoethane (EDB)	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,2-Dichlorobenzene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,2-Dichloroethane (EDC)	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,2-Dichloropropane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,3,5-Trimethylbenzene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,3-Dichlorobenzene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,3-Dichloropropane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1,4-Dichlorobenzene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
1-Methylnaphthalene	**1.7**		0.40		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
2,2-Dichloropropane	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
2-Butanone	ND		0.99		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
2-Chlorotoluene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
2-Hexanone	ND		0.99		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
2-Methylnaphthalene	**2.0**		0.40		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
4-Chlorotoluene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
4-Isopropyltoluene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
4-Methyl-2-pentanone	ND		0.99		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Acetone	ND		1.5		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Benzene	ND		0.049		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Bromobenzene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Bromodichloromethane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Dibromochloromethane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Bromoform	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Bromomethane	ND		0.40		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Carbon disulfide	ND		0.99		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Carbon tetrachloride	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Chlorobenzene	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Chloroethane	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Chloroform	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Chloromethane	ND		0.30		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
cis-1,2-Dichloroethene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
cis-1,3-Dichloropropene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Dibromomethane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Dichlorodifluoromethane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Ethylbenzene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Hexachlorobutadiene	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Isopropylbenzene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2

Client Sample Results

Client: Harvest
Project/Site: Ignacio Gas Plant

Job ID: 885-4133-1

Client Sample ID: Side Wall 1

Date Collected: 05/07/24 11:45
Date Received: 05/08/24 07:25

Lab Sample ID: 885-4133-2
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Methylene Chloride	ND		0.30		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
n-Butylbenzene	ND		0.30		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
N-Propylbenzene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Naphthalene	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
sec-Butylbenzene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Styrene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
tert-Butylbenzene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Tetrachloroethene (PCE)	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Toluene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
trans-1,2-Dichloroethene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
trans-1,3-Dichloropropene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Trichloroethene (TCE)	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Trichlorofluoromethane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Vinyl chloride	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 02:37	2
Xylenes, Total	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 02:37	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 147*	*05/10/24 12:26*	*05/15/24 02:37*	*2*
Toluene-d8 (Surr)	*101*		*70 - 130*	*05/10/24 12:26*	*05/15/24 02:37*	*2*
4-Bromofluorobenzene (Surr)	*100*		*62 - 144*	*05/10/24 12:26*	*05/15/24 02:37*	*2*
Dibromofluoromethane (Surr)	*92*		*73 - 145*	*05/10/24 12:26*	*05/15/24 02:37*	*2*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	D	2.5		mg/Kg		05/10/24 15:33	05/14/24 16:16	10
2-Methylnaphthalene	ND	D	2.5		mg/Kg		05/10/24 15:33	05/14/24 16:16	10
Acenaphthene	ND	D	2.0		mg/Kg		05/10/24 15:33	05/14/24 16:16	10
Anthracene	ND	D	2.0		mg/Kg		05/10/24 15:33	05/14/24 16:16	10
Benzo[a]anthracene	ND	D	2.5		mg/Kg		05/10/24 15:33	05/14/24 16:16	10
Benzo[a]pyrene	ND	D	2.5		mg/Kg		05/10/24 15:33	05/14/24 16:16	10
Benzo[b]fluoranthene	ND	D	2.5		mg/Kg		05/10/24 15:33	05/14/24 16:16	10
Benzo[k]fluoranthene	ND	D	3.0		mg/Kg		05/10/24 15:33	05/14/24 16:16	10
Chrysene	ND	D	2.5		mg/Kg		05/10/24 15:33	05/14/24 16:16	10
Dibenz(a,h)anthracene	ND	D	2.5		mg/Kg		05/10/24 15:33	05/14/24 16:16	10
Fluoranthene	ND	D	2.5		mg/Kg		05/10/24 15:33	05/14/24 16:16	10
Fluorene	ND	D	2.5		mg/Kg		05/10/24 15:33	05/14/24 16:16	10
Indeno[1,2,3-cd]pyrene	ND	D	2.5		mg/Kg		05/10/24 15:33	05/14/24 16:16	10
Naphthalene	ND	D	2.5		mg/Kg		05/10/24 15:33	05/14/24 16:16	10
Pyrene	ND	D	2.5		mg/Kg		05/10/24 15:33	05/14/24 16:16	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5 (Surr)	*0*	*D S1-*	*24 - 130*	*05/10/24 15:33*	*05/14/24 16:16*	*10*
2-Fluorophenol (Surr)	*0*	*D S1-*	*21 - 130*	*05/10/24 15:33*	*05/14/24 16:16*	*10*
2,4,6-Tribromophenol (Surr)	*0*	*D S1-*	*20 - 130*	*05/10/24 15:33*	*05/14/24 16:16*	*10*
Nitrobenzene-d5 (Surr)	*0*	*D S1-*	*15 - 130*	*05/10/24 15:33*	*05/14/24 16:16*	*10*
2-Fluorobiphenyl (Surr)	*0*	*D S1-*	*21 - 130*	*05/10/24 15:33*	*05/14/24 16:16*	*10*
p-Terphenyl-d14 (Surr)	*0*	*D S1-*	*34 - 130*	*05/10/24 15:33*	*05/14/24 16:16*	*10*

Client Sample Results

Client: Harvest
Job ID: 885-4133-1
Project/Site: Ignacio Gas Plant

Client Sample ID: Side Wall 1
Lab Sample ID: 885-4133-2
Date Collected: 05/07/24 11:45
Matrix: Solid
Date Received: 05/08/24 07:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND	F1	25		mg/Kg		05/10/24 12:26	05/13/24 17:55	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*35 - 166*	*05/10/24 12:26*	*05/13/24 17:55*	*5*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**870**		8.8		mg/Kg		05/10/24 12:51	05/10/24 23:39	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		05/10/24 12:51	05/10/24 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*05/10/24 12:51*	*05/10/24 23:39*	*1*

Method: USDA 20B - Sodium Adsorption Ratio

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**510**		50		mg/Kg			05/20/24 15:57	1
Calcium	**130**		50		mg/Kg			05/20/24 15:57	1
Magnesium	ND		50		mg/Kg			05/20/24 15:57	1
Sodium Adsorption Ratio	**11**		0.010		NONE			05/20/24 15:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.4**		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:10	10
Barium	**210**		9.7		mg/Kg		05/13/24 11:09	05/21/24 18:05	100
Cadmium	ND		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:10	10
Lead	**10**		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:10	10
Selenium	**2.2**		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:10	10
Silver	ND		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:10	10
Copper	**11**		1.5		mg/Kg		05/13/24 11:09	05/21/24 15:10	10
Nickel	**12**		1.3		mg/Kg		05/13/24 11:09	05/21/24 15:10	10
Zinc	**44**		9.7		mg/Kg		05/13/24 11:09	05/21/24 15:10	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Resistivity (USDA 4F2b2a1)	**980**		100		ohm cm		05/13/24 14:10	05/14/24 12:11	1
pH (SW846 9040C)	**8.2**		0.1		SU			05/13/24 16:16	1

Client: Harvest
Job ID: 885-4133-1
Project/Site: Ignacio Gas Plant

Client Sample ID: Side Wall 2
Lab Sample ID: 885-4133-3
Date Collected: 05/07/24 12:00
Matrix: Solid
Date Received: 05/08/24 07:25

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,1,1-Trichloroethane	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,1,2,2-Tetrachloroethane	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,1,2-Trichloroethane	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,1-Dichloroethane	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,1-Dichloroethene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,1-Dichloropropene	ND		0.19		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,2,3-Trichlorobenzene	ND		0.19		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,2,3-Trichloropropane	ND		0.19		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,2,4-Trichlorobenzene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,2,4-Trimethylbenzene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,2-Dibromo-3-Chloropropane	ND		0.19		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,2-Dibromoethane (EDB)	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,2-Dichlorobenzene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,2-Dichloroethane (EDC)	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,2-Dichloropropane	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,3,5-Trimethylbenzene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,3-Dichlorobenzene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,3-Dichloropropane	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1,4-Dichlorobenzene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
1-Methylnaphthalene	**5.0**		0.39		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
2,2-Dichloropropane	ND		0.19		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
2-Butanone	ND		0.97		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
2-Chlorotoluene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
2-Hexanone	ND		0.97		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
2-Methylnaphthalene	**6.1**		0.39		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
4-Chlorotoluene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
4-Isopropyltoluene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
4-Methyl-2-pentanone	ND		0.97		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Acetone	ND		1.4		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Benzene	ND		0.048		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Bromobenzene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Bromodichloromethane	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Dibromochloromethane	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Bromoform	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Bromomethane	ND		0.39		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Carbon disulfide	ND		0.97		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Carbon tetrachloride	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Chlorobenzene	ND		0.19		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Chloroethane	ND		0.19		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Chloroform	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Chloromethane	ND		0.29		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
cis-1,2-Dichloroethene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
cis-1,3-Dichloropropene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Dibromomethane	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Dichlorodifluoromethane	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Ethylbenzene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Hexachlorobutadiene	ND		0.19		mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Isopropylbenzene	ND		0.097		mg/Kg		05/10/24 12:26	05/15/24 03:06	2

Client Sample ID: Side Wall 2

Lab Sample ID: 885-4133-3

Date Collected: 05/07/24 12:00
Matrix: Solid
Date Received: 05/08/24 07:25

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.097	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Methylene Chloride	ND		0.29	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
n-Butylbenzene	ND		0.29	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
N-Propylbenzene	ND		0.097	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Naphthalene	ND		0.19	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
sec-Butylbenzene	**0.11**		0.097	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Styrene	ND		0.097	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
tert-Butylbenzene	ND		0.097	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Tetrachloroethene (PCE)	ND		0.097	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Toluene	ND		0.097	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
trans-1,2-Dichloroethene	ND		0.097	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
trans-1,3-Dichloropropene	ND		0.097	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Trichloroethene (TCE)	ND		0.097	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Trichlorofluoromethane	ND		0.097	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Vinyl chloride	ND		0.097	mg/Kg		05/10/24 12:26	05/15/24 03:06	2
Xylenes, Total	ND		0.19	mg/Kg		05/10/24 12:26	05/15/24 03:06	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 147*	*05/10/24 12:26*	*05/15/24 03:06*	*2*
Toluene-d8 (Surr)	*101*		*70 - 130*	*05/10/24 12:26*	*05/15/24 03:06*	*2*
4-Bromofluorobenzene (Surr)	*101*		*62 - 144*	*05/10/24 12:26*	*05/15/24 03:06*	*2*
Dibromofluoromethane (Surr)	*92*		*73 - 145*	*05/10/24 12:26*	*05/15/24 03:06*	*2*

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**4.6**	**D**	2.5	mg/Kg		05/10/24 15:33	05/14/24 16:58	10
2-Methylnaphthalene	**5.7**	**D**	2.5	mg/Kg		05/10/24 15:33	05/14/24 16:58	10
Acenaphthene	ND	D	2.0	mg/Kg		05/10/24 15:33	05/14/24 16:58	10
Anthracene	ND	D	2.0	mg/Kg		05/10/24 15:33	05/14/24 16:58	10
Benzo[a]anthracene	ND	D	2.5	mg/Kg		05/10/24 15:33	05/14/24 16:58	10
Benzo[a]pyrene	ND	D	2.5	mg/Kg		05/10/24 15:33	05/14/24 16:58	10
Benzo[b]fluoranthene	ND	D	2.5	mg/Kg		05/10/24 15:33	05/14/24 16:58	10
Benzo[k]fluoranthene	ND	D	3.0	mg/Kg		05/10/24 15:33	05/14/24 16:58	10
Chrysene	ND	D	2.5	mg/Kg		05/10/24 15:33	05/14/24 16:58	10
Dibenz(a,h)anthracene	ND	D	2.5	mg/Kg		05/10/24 15:33	05/14/24 16:58	10
Fluoranthene	ND	D	2.5	mg/Kg		05/10/24 15:33	05/14/24 16:58	10
Fluorene	ND	D	2.5	mg/Kg		05/10/24 15:33	05/14/24 16:58	10
Indeno[1,2,3-cd]pyrene	ND	D	2.5	mg/Kg		05/10/24 15:33	05/14/24 16:58	10
Naphthalene	ND	D	2.5	mg/Kg		05/10/24 15:33	05/14/24 16:58	10
Pyrene	ND	D	2.5	mg/Kg		05/10/24 15:33	05/14/24 16:58	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5 (Surr)	*0*	*D S1-*	*24 - 130*	*05/10/24 15:33*	*05/14/24 16:58*	*10*
2-Fluorophenol (Surr)	*0*	*D S1-*	*21 - 130*	*05/10/24 15:33*	*05/14/24 16:58*	*10*
2,4,6-Tribromophenol (Surr)	*0*	*D S1-*	*20 - 130*	*05/10/24 15:33*	*05/14/24 16:58*	*10*
Nitrobenzene-d5 (Surr)	*0*	*D S1-*	*15 - 130*	*05/10/24 15:33*	*05/14/24 16:58*	*10*
2-Fluorobiphenyl (Surr)	*0*	*D S1-*	*21 - 130*	*05/10/24 15:33*	*05/14/24 16:58*	*10*
p-Terphenyl-d14 (Surr)	*0*	*D S1-*	*34 - 130*	*05/10/24 15:33*	*05/14/24 16:58*	*10*

1 2 3 4 5 6 7 8 9 10 11 12

Client Sample Results

Client: Harvest
Job ID: 885-4133-1
Project/Site: Ignacio Gas Plant

Client Sample ID: Side Wall 2
Lab Sample ID: 885-4133-3

Date Collected: 05/07/24 12:00
Matrix: Solid
Date Received: 05/08/24 07:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**15**		4.8	mg/Kg		05/10/24 12:26	05/13/24 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*271*	*S1+*	*35 - 166*	*05/10/24 12:26*	*05/13/24 19:00*	*1*

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1500**		96	mg/Kg		05/10/24 12:51	05/13/24 13:42	10
Motor Oil Range Organics [C28-C40]	ND	D	480	mg/Kg		05/10/24 12:51	05/13/24 13:42	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*05/10/24 12:51*	*05/13/24 13:42*	*10*

Method: USDA 20B - Sodium Adsorption Ratio

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**420**		50	mg/Kg			05/20/24 15:57	1
Calcium	**170**		50	mg/Kg			05/20/24 15:57	1
Magnesium	ND		50	mg/Kg			05/20/24 15:57	1
Sodium Adsorption Ratio	**7.8**		0.010	NONE			05/20/24 15:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.4**		0.99	mg/Kg		05/13/24 11:09	05/21/24 15:15	10
Barium	**180**		5.0	mg/Kg		05/13/24 11:09	05/21/24 18:26	50
Cadmium	ND		0.99	mg/Kg		05/13/24 11:09	05/21/24 15:15	10
Lead	**10**		0.99	mg/Kg		05/13/24 11:09	05/21/24 15:15	10
Selenium	**2.1**		0.99	mg/Kg		05/13/24 11:09	05/21/24 15:15	10
Silver	ND		0.99	mg/Kg		05/13/24 11:09	05/21/24 15:15	10
Copper	**11**		1.6	mg/Kg		05/13/24 11:09	05/21/24 15:15	10
Nickel	**13**		1.3	mg/Kg		05/13/24 11:09	05/21/24 15:15	10
Zinc	**49**		9.9	mg/Kg		05/13/24 11:09	05/21/24 15:15	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Resistivity (USDA 4F2b2a1)	**690**		100	ohm cm		05/13/24 14:10	05/14/24 12:11	1
pH (SW846 9040C)	**6.5**		0.1	SU			05/13/24 16:16	1

Client Sample ID: Side Wall 3
Lab Sample ID: 885-4133-4

Date Collected: 05/07/24 12:30
Matrix: Solid
Date Received: 05/08/24 07:25

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,1,1-Trichloroethane	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,1,2,2-Tetrachloroethane	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,1,2-Trichloroethane	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,1-Dichloroethane	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,1-Dichloroethene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,1-Dichloropropene	ND		0.47		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,2,3-Trichlorobenzene	ND		0.47		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,2,3-Trichloropropane	ND		0.47		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,2,4-Trichlorobenzene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,2,4-Trimethylbenzene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,2-Dibromo-3-Chloropropane	ND		0.47		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,2-Dibromoethane (EDB)	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,2-Dichlorobenzene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,2-Dichloroethane (EDC)	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,2-Dichloropropane	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,3,5-Trimethylbenzene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,3-Dichlorobenzene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,3-Dichloropropane	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1,4-Dichlorobenzene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
1-Methylnaphthalene	**6.3**		0.93		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
2,2-Dichloropropane	ND		0.47		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
2-Butanone	ND		2.3		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
2-Chlorotoluene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
2-Hexanone	ND		2.3		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
2-Methylnaphthalene	**1.1**		0.93		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
4-Chlorotoluene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
4-Isopropyltoluene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
4-Methyl-2-pentanone	ND		2.3		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Acetone	ND		3.5		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Benzene	ND		0.12		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Bromobenzene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Bromodichloromethane	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Dibromochloromethane	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Bromoform	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Bromomethane	ND		0.93		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Carbon disulfide	ND		2.3		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Carbon tetrachloride	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Chlorobenzene	ND		0.47		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Chloroethane	ND		0.47		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Chloroform	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Chloromethane	ND		0.70		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
cis-1,2-Dichloroethene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
cis-1,3-Dichloropropene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Dibromomethane	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Dichlorodifluoromethane	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Ethylbenzene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Hexachlorobutadiene	ND		0.47		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Isopropylbenzene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5

1 2 3 4 5 6 7 8 9 10 11 12

Client Sample ID: Side Wall 3
Date Collected: 05/07/24 12:30
Date Received: 05/08/24 07:25

Lab Sample ID: 885-4133-4
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Methylene Chloride	ND		0.70		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
n-Butylbenzene	ND		0.70		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
N-Propylbenzene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Naphthalene	ND		0.47		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
sec-Butylbenzene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Styrene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
tert-Butylbenzene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Tetrachloroethene (PCE)	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Toluene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
trans-1,2-Dichloroethene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
trans-1,3-Dichloropropene	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Trichloroethene (TCE)	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Trichlorofluoromethane	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Vinyl chloride	ND		0.23		mg/Kg		05/10/24 12:26	05/15/24 03:34	5
Xylenes, Total	ND		0.47		mg/Kg		05/10/24 12:26	05/15/24 03:34	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 147*	*05/10/24 12:26*	*05/15/24 03:34*	*5*
Toluene-d8 (Surr)	*102*		*70 - 130*	*05/10/24 12:26*	*05/15/24 03:34*	*5*
4-Bromofluorobenzene (Surr)	*100*		*62 - 144*	*05/10/24 12:26*	*05/15/24 03:34*	*5*
Dibromofluoromethane (Surr)	*92*		*73 - 145*	*05/10/24 12:26*	*05/15/24 03:34*	*5*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	D	4.8		mg/Kg		05/10/24 15:33	05/14/24 17:40	20
2-Methylnaphthalene	ND	D	4.8		mg/Kg		05/10/24 15:33	05/14/24 17:40	20
Acenaphthene	ND	D	3.9		mg/Kg		05/10/24 15:33	05/14/24 17:40	20
Anthracene	ND	D	3.9		mg/Kg		05/10/24 15:33	05/14/24 17:40	20
Benzo[a]anthracene	ND	D	4.8		mg/Kg		05/10/24 15:33	05/14/24 17:40	20
Benzo[a]pyrene	ND	D	4.8		mg/Kg		05/10/24 15:33	05/14/24 17:40	20
Benzo[b]fluoranthene	ND	D	4.8		mg/Kg		05/10/24 15:33	05/14/24 17:40	20
Benzo[k]fluoranthene	ND	D	5.8		mg/Kg		05/10/24 15:33	05/14/24 17:40	20
Chrysene	ND	D	4.8		mg/Kg		05/10/24 15:33	05/14/24 17:40	20
Dibenz(a,h)anthracene	ND	D	4.8		mg/Kg		05/10/24 15:33	05/14/24 17:40	20
Fluoranthene	ND	D	4.8		mg/Kg		05/10/24 15:33	05/14/24 17:40	20
Fluorene	ND	D	4.8		mg/Kg		05/10/24 15:33	05/14/24 17:40	20
Indeno[1,2,3-cd]pyrene	ND	D	4.8		mg/Kg		05/10/24 15:33	05/14/24 17:40	20
Naphthalene	ND	D	4.8		mg/Kg		05/10/24 15:33	05/14/24 17:40	20
Pyrene	ND	D	4.8		mg/Kg		05/10/24 15:33	05/14/24 17:40	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5 (Surr)	*0*	*D S1-*	*24 - 130*	*05/10/24 15:33*	*05/14/24 17:40*	*20*
2-Fluorophenol (Surr)	*0*	*D S1-*	*21 - 130*	*05/10/24 15:33*	*05/14/24 17:40*	*20*
2,4,6-Tribromophenol (Surr)	*0*	*D S1-*	*20 - 130*	*05/10/24 15:33*	*05/14/24 17:40*	*20*
Nitrobenzene-d5 (Surr)	*0*	*D S1-*	*15 - 130*	*05/10/24 15:33*	*05/14/24 17:40*	*20*
2-Fluorobiphenyl (Surr)	*0*	*D S1-*	*21 - 130*	*05/10/24 15:33*	*05/14/24 17:40*	*20*
p-Terphenyl-d14 (Surr)	*0*	*D S1-*	*34 - 130*	*05/10/24 15:33*	*05/14/24 17:40*	*20*

Client: Harvest
Project/Site: Ignacio Gas Plant

Job ID: 885-4133-1

Client Sample ID: Side Wall 3
Date Collected: 05/07/24 12:30
Date Received: 05/08/24 07:25

Lab Sample ID: 885-4133-4
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		23		mg/Kg		05/10/24 12:26	05/13/24 19:22	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*		*35 - 166*	*05/10/24 12:26*	*05/13/24 19:22*	*5*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2000**		99		mg/Kg		05/10/24 12:51	05/13/24 13:54	10
Motor Oil Range Organics [C28-C40]	ND	D	500		mg/Kg		05/10/24 12:51	05/13/24 13:54	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*05/10/24 12:51*	*05/13/24 13:54*	*10*

Method: USDA 20B - Sodium Adsorption Ratio

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**1400**		50		mg/Kg			05/20/24 15:57	1
Calcium	**250**		50		mg/Kg			05/20/24 15:57	1
Magnesium	**56**		50		mg/Kg			05/20/24 15:57	1
Sodium Adsorption Ratio	**20**		0.010		NONE			05/20/24 15:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.9**		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:20	10
Barium	**210**		9.7		mg/Kg		05/13/24 11:09	05/21/24 18:31	100
Cadmium	ND		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:20	10
Lead	**38**		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:20	10
Selenium	**1.6**		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:20	10
Silver	ND		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:20	10
Copper	**12**		1.6		mg/Kg		05/13/24 11:09	05/21/24 15:20	10
Nickel	**13**		1.3		mg/Kg		05/13/24 11:09	05/21/24 15:20	10
Zinc	**51**		9.7		mg/Kg		05/13/24 11:09	05/21/24 15:20	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Resistivity (USDA 4F2b2a1)	**510**		100		ohm cm		05/13/24 14:10	05/14/24 12:11	1
pH (SW846 9040C)	**8.4**		0.1		SU			05/13/24 16:16	1

1 2 3 4 5 6 7 8 9 10 11 12

Client Sample ID: Side Wall 4

Lab Sample ID: 885-4133-5

Date Collected: 05/07/24 13:00
Matrix: Solid
Date Received: 05/08/24 07:25

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,1,1-Trichloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,1,2,2-Tetrachloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,1,2-Trichloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,1-Dichloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,1-Dichloroethene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,1-Dichloropropene	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,2,3-Trichlorobenzene	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,2,3-Trichloropropane	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,2,4-Trichlorobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,2,4-Trimethylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,2-Dibromo-3-Chloropropane	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,2-Dibromoethane (EDB)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,2-Dichlorobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,2-Dichloroethane (EDC)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,2-Dichloropropane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,3,5-Trimethylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,3-Dichlorobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,3-Dichloropropane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1,4-Dichlorobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
1-Methylnaphthalene	**0.79**		0.20		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
2,2-Dichloropropane	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
2-Butanone	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
2-Chlorotoluene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
2-Hexanone	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
2-Methylnaphthalene	**0.79**		0.20		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
4-Chlorotoluene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
4-Isopropyltoluene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
4-Methyl-2-pentanone	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Acetone	ND		0.75		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Benzene	ND		0.025		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Bromobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Bromodichloromethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Dibromochloromethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Bromoform	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Bromomethane	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Carbon disulfide	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Carbon tetrachloride	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Chlorobenzene	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Chloroethane	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Chloroform	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Chloromethane	ND		0.15		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
cis-1,2-Dichloroethene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
cis-1,3-Dichloropropene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Dibromomethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Dichlorodifluoromethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Ethylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Hexachlorobutadiene	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Isopropylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1

Client Sample ID: Side Wall 4

Lab Sample ID: 885-4133-5

Date Collected: 05/07/24 13:00

Matrix: Solid

Date Received: 05/08/24 07:25

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Methylene Chloride	ND		0.15		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
n-Butylbenzene	ND		0.15		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
N-Propylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Naphthalene	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
sec-Butylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Styrene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
tert-Butylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Tetrachloroethene (PCE)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Toluene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
trans-1,2-Dichloroethene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
trans-1,3-Dichloropropene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Trichloroethene (TCE)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Trichlorofluoromethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Vinyl chloride	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:03	1
Xylenes, Total	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 04:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 147*	*05/10/24 12:26*	*05/15/24 04:03*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*05/10/24 12:26*	*05/15/24 04:03*	*1*
4-Bromofluorobenzene (Surr)	*99*		*62 - 144*	*05/10/24 12:26*	*05/15/24 04:03*	*1*
Dibromofluoromethane (Surr)	*91*		*73 - 145*	*05/10/24 12:26*	*05/15/24 04:03*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	D	4.6		mg/Kg		05/10/24 15:33	05/14/24 18:23	20
2-Methylnaphthalene	ND	D	4.6		mg/Kg		05/10/24 15:33	05/14/24 18:23	20
Acenaphthene	ND	D	3.7		mg/Kg		05/10/24 15:33	05/14/24 18:23	20
Anthracene	ND	D	3.7		mg/Kg		05/10/24 15:33	05/14/24 18:23	20
Benzo[a]anthracene	ND	D	4.6		mg/Kg		05/10/24 15:33	05/14/24 18:23	20
Benzo[a]pyrene	ND	D	4.6		mg/Kg		05/10/24 15:33	05/14/24 18:23	20
Benzo[b]fluoranthene	ND	D	4.6		mg/Kg		05/10/24 15:33	05/14/24 18:23	20
Benzo[k]fluoranthene	ND	D	5.6		mg/Kg		05/10/24 15:33	05/14/24 18:23	20
Chrysene	ND	D	4.6		mg/Kg		05/10/24 15:33	05/14/24 18:23	20
Dibenz(a,h)anthracene	ND	D	4.6		mg/Kg		05/10/24 15:33	05/14/24 18:23	20
Fluoranthene	ND	D	4.6		mg/Kg		05/10/24 15:33	05/14/24 18:23	20
Fluorene	ND	D	4.6		mg/Kg		05/10/24 15:33	05/14/24 18:23	20
Indeno[1,2,3-cd]pyrene	ND	D	4.6		mg/Kg		05/10/24 15:33	05/14/24 18:23	20
Naphthalene	ND	D	4.6		mg/Kg		05/10/24 15:33	05/14/24 18:23	20
Pyrene	ND	D	4.6		mg/Kg		05/10/24 15:33	05/14/24 18:23	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5 (Surr)	*0*	*D S1-*	*24 - 130*	*05/10/24 15:33*	*05/14/24 18:23*	*20*
2-Fluorophenol (Surr)	*0*	*D S1-*	*21 - 130*	*05/10/24 15:33*	*05/14/24 18:23*	*20*
2,4,6-Tribromophenol (Surr)	*0*	*D S1-*	*20 - 130*	*05/10/24 15:33*	*05/14/24 18:23*	*20*
Nitrobenzene-d5 (Surr)	*0*	*D S1-*	*15 - 130*	*05/10/24 15:33*	*05/14/24 18:23*	*20*
2-Fluorobiphenyl (Surr)	*0*	*D S1-*	*21 - 130*	*05/10/24 15:33*	*05/14/24 18:23*	*20*
p-Terphenyl-d14 (Surr)	*0*	*D S1-*	*34 - 130*	*05/10/24 15:33*	*05/14/24 18:23*	*20*

Client Sample ID: Side Wall 4

Lab Sample ID: 885-4133-5

Date Collected: 05/07/24 13:00
Matrix: Solid
Date Received: 05/08/24 07:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	6.3		5.0		mg/Kg		05/10/24 12:26	05/13/24 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*		*35 - 166*	*05/10/24 12:26*	*05/13/24 19:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	930		9.5		mg/Kg		05/10/24 12:51	05/11/24 00:28	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		05/10/24 12:51	05/11/24 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*05/10/24 12:51*	*05/11/24 00:28*	*1*

Method: USDA 20B - Sodium Adsorption Ratio

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sodium	2000		50		mg/Kg			05/20/24 15:57	1
Calcium	260		50		mg/Kg			05/20/24 15:57	1
Magnesium	58		50		mg/Kg			05/20/24 15:57	1
Sodium Adsorption Ratio	29		0.010		NONE			05/20/24 15:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:25	10
Barium	230		9.7		mg/Kg		05/13/24 11:09	05/21/24 18:36	100
Cadmium	ND		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:25	10
Lead	11		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:25	10
Selenium	2.4		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:25	10
Silver	ND		0.97		mg/Kg		05/13/24 11:09	05/21/24 15:25	10
Copper	12		1.5		mg/Kg		05/13/24 11:09	05/21/24 15:25	10
Nickel	14		1.3		mg/Kg		05/13/24 11:09	05/21/24 15:25	10
Zinc	47		9.7		mg/Kg		05/13/24 11:09	05/21/24 15:25	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Resistivity (USDA 4F2b2a1)	340		100		ohm cm		05/13/24 14:10	05/14/24 12:11	1
pH (SW846 9040C)	8.5		0.1		SU			05/13/24 16:16	1

Client Sample ID: Background
Lab Sample ID: 885-4133-6

Date Collected: 05/07/24 14:00
Matrix: Solid
Date Received: 05/08/24 07:25

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,1,1-Trichloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,1,2,2-Tetrachloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,1,2-Trichloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,1-Dichloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,1-Dichloroethene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,1-Dichloropropene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,2,3-Trichlorobenzene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,2,3-Trichloropropane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,2,4-Trichlorobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,2,4-Trimethylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,2-Dibromo-3-Chloropropane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,2-Dibromoethane (EDB)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,2-Dichlorobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,2-Dichloroethane (EDC)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,2-Dichloropropane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,3,5-Trimethylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,3-Dichlorobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,3-Dichloropropane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1,4-Dichlorobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
1-Methylnaphthalene	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
2,2-Dichloropropane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
2-Butanone	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
2-Chlorotoluene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
2-Hexanone	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
2-Methylnaphthalene	**0.21**		0.20		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
4-Chlorotoluene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
4-Isopropyltoluene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
4-Methyl-2-pentanone	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Acetone	ND		0.74		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Benzene	ND		0.025		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Bromobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Bromodichloromethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Dibromochloromethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Bromoform	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Bromomethane	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Carbon disulfide	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Carbon tetrachloride	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Chlorobenzene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Chloroethane	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Chloroform	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Chloromethane	ND		0.15		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
cis-1,2-Dichloroethene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
cis-1,3-Dichloropropene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Dibromomethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Dichlorodifluoromethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Ethylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Hexachlorobutadiene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Isopropylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1

Client Sample ID: Background
Lab Sample ID: 885-4133-6

Date Collected: 05/07/24 14:00
Matrix: Solid
Date Received: 05/08/24 07:25

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Methylene Chloride	ND		0.15		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
n-Butylbenzene	ND		0.15		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
N-Propylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Naphthalene	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
sec-Butylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Styrene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
tert-Butylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Tetrachloroethene (PCE)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Toluene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
trans-1,2-Dichloroethene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
trans-1,3-Dichloropropene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Trichloroethene (TCE)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Trichlorofluoromethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Vinyl chloride	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 04:31	1
Xylenes, Total	ND		0.099		mg/Kg		05/10/24 12:26	05/15/24 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 147*	*05/10/24 12:26*	*05/15/24 04:31*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*05/10/24 12:26*	*05/15/24 04:31*	*1*
4-Bromofluorobenzene (Surr)	*100*		*62 - 144*	*05/10/24 12:26*	*05/15/24 04:31*	*1*
Dibromofluoromethane (Surr)	*89*		*73 - 145*	*05/10/24 12:26*	*05/15/24 04:31*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	D	5.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20
2-Methylnaphthalene	ND	D	5.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20
Acenaphthene	ND	D	4.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20
Anthracene	ND	D	4.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20
Benzo[a]anthracene	ND	D	5.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20
Benzo[a]pyrene	ND	D	5.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20
Benzo[b]fluoranthene	ND	D	5.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20
Benzo[k]fluoranthene	ND	D	6.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20
Chrysene	ND	D	5.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20
Dibenz(a,h)anthracene	ND	D	5.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20
Fluoranthene	ND	D	5.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20
Fluorene	ND	D	5.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20
Indeno[1,2,3-cd]pyrene	ND	D	5.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20
Naphthalene	ND	D	5.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20
Pyrene	ND	D	5.0		mg/Kg		05/10/24 15:33	05/14/24 19:06	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5 (Surr)	*0*	*D S1-*	*24 - 130*	*05/10/24 15:33*	*05/14/24 19:06*	*20*
2-Fluorophenol (Surr)	*0*	*D S1-*	*21 - 130*	*05/10/24 15:33*	*05/14/24 19:06*	*20*
2,4,6-Tribromophenol (Surr)	*0*	*D S1-*	*20 - 130*	*05/10/24 15:33*	*05/14/24 19:06*	*20*
Nitrobenzene-d5 (Surr)	*0*	*D S1-*	*15 - 130*	*05/10/24 15:33*	*05/14/24 19:06*	*20*
2-Fluorobiphenyl (Surr)	*0*	*D S1-*	*21 - 130*	*05/10/24 15:33*	*05/14/24 19:06*	*20*
p-Terphenyl-d14 (Surr)	*0*	*D S1-*	*34 - 130*	*05/10/24 15:33*	*05/14/24 19:06*	*20*

Client: Harvest
Project/Site: Ignacio Gas Plant

Job ID: 885-4133-1

Client Sample ID: Background
Date Collected: 05/07/24 14:00
Date Received: 05/08/24 07:25

Lab Sample ID: 885-4133-6
Matrix: Solid

Method: SW846 8015D - 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		05/10/24 12:26	05/13/24 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*35 - 166*	*05/10/24 12:26*	*05/13/24 20:05*	*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		9.3		mg/Kg		05/10/24 12:51	05/11/24 00:41	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		05/10/24 12:51	05/11/24 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*05/10/24 12:51*	*05/11/24 00:41*	*1*

Method: USDA 20B - Sodium Adsorption Ratio

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		50		mg/Kg			05/20/24 15:57	1
Calcium	ND		50		mg/Kg			05/20/24 15:57	1
Magnesium	ND		50		mg/Kg			05/20/24 15:57	1
Sodium Adsorption Ratio	ND		0.010		NONE			05/20/24 15:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.7**		0.95		mg/Kg		05/13/24 11:09	05/21/24 15:30	10
Barium	**130**		4.8		mg/Kg		05/13/24 11:09	05/21/24 18:41	50
Cadmium	ND		0.95		mg/Kg		05/13/24 11:09	05/21/24 15:30	10
Lead	**17**		0.95		mg/Kg		05/13/24 11:09	05/21/24 15:30	10
Selenium	**2.0**		0.95		mg/Kg		05/13/24 11:09	05/21/24 15:30	10
Silver	ND		0.95		mg/Kg		05/13/24 11:09	05/21/24 15:30	10
Copper	**13**		1.5		mg/Kg		05/13/24 11:09	05/21/24 15:30	10
Nickel	**7.6**		1.2		mg/Kg		05/13/24 11:09	05/21/24 15:30	10
Zinc	**40**		9.5		mg/Kg		05/13/24 11:09	05/21/24 15:30	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Resistivity (USDA 4F2b2a1)	**5400**		100		ohm cm		05/13/24 14:10	05/14/24 12:11	1
pH (SW846 9040C)	**6.7**		0.1		SU			05/13/24 16:16	1

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

Lab Sample ID: MB 885-4749/1-A | **Client Sample ID: Method Blank**

Matrix: Solid | **Prep Type: Total/NA**

Analysis Batch: 5003 | **Prep Batch: 4749**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,1,1-Trichloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,1,2,2-Tetrachloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,1,2-Trichloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,1-Dichloroethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,1-Dichloroethene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,1-Dichloropropene	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,2,3-Trichlorobenzene	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,2,3-Trichloropropane	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,2,4-Trichlorobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,2,4-Trimethylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,2-Dibromo-3-Chloropropane	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,2-Dibromoethane (EDB)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,2-Dichlorobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,2-Dichloroethane (EDC)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,2-Dichloropropane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,3,5-Trimethylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,3-Dichlorobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,3-Dichloropropane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1,4-Dichlorobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
1-Methylnaphthalene	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
2,2-Dichloropropane	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
2-Butanone	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
2-Chlorotoluene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
2-Hexanone	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
2-Methylnaphthalene	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
4-Chlorotoluene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
4-Isopropyltoluene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
4-Methyl-2-pentanone	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Acetone	ND		0.75		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Benzene	ND		0.025		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Bromobenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Bromodichloromethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Dibromochloromethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Bromoform	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Bromomethane	ND		0.20		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Carbon disulfide	ND		0.50		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Carbon tetrachloride	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Chlorobenzene	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Chloroethane	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Chloroform	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Chloromethane	ND		0.15		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
cis-1,2-Dichloroethene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
cis-1,3-Dichloropropene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Dibromomethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Dichlorodifluoromethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Ethylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Hexachlorobutadiene	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 00:43	1

1 2 3 4 5 6 7 8 9 10 11 12

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

Lab Sample ID: MB 885-4749/1-A
Matrix: Solid
Analysis Batch: 5003

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4749

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Methyl-tert-butyl Ether (MTBE)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Methylene Chloride	ND		0.15		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
n-Butylbenzene	ND		0.15		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
N-Propylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Naphthalene	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
sec-Butylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Styrene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
tert-Butylbenzene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Tetrachloroethene (PCE)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Toluene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
trans-1,2-Dichloroethene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
trans-1,3-Dichloropropene	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Trichloroethene (TCE)	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Trichlorofluoromethane	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Vinyl chloride	ND		0.050		mg/Kg		05/10/24 12:26	05/15/24 00:43	1
Xylenes, Total	ND		0.10		mg/Kg		05/10/24 12:26	05/15/24 00:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 147*	*05/10/24 12:26*	*05/15/24 00:43*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*05/10/24 12:26*	*05/15/24 00:43*	*1*
4-Bromofluorobenzene (Surr)	*100*		*62 - 144*	*05/10/24 12:26*	*05/15/24 00:43*	*1*
Dibromofluoromethane (Surr)	*92*		*73 - 145*	*05/10/24 12:26*	*05/15/24 00:43*	*1*

Lab Sample ID: LCS 885-4749/2-A
Matrix: Solid
Analysis Batch: 5003

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4749

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	1.01	0.928		mg/Kg		92	42 - 158
Benzene	1.00	0.953		mg/Kg		95	70 - 130
Chlorobenzene	1.00	1.03		mg/Kg		102	70 - 130
Toluene	1.01	1.02		mg/Kg		101	70 - 130
Trichloroethene (TCE)	1.01	0.867		mg/Kg		86	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 147*
Toluene-d8 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*62 - 144*
Dibromofluoromethane (Surr)	*91*		*73 - 145*

Lab Sample ID: 885-4133-1 MS
Matrix: Solid
Analysis Batch: 5003

Client Sample ID: Bottom
Prep Type: Total/NA
Prep Batch: 4749

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	ND		0.994	0.830		mg/Kg		83	34 - 140
Benzene	ND		0.993	0.840		mg/Kg		85	61 - 141

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

Lab Sample ID: 885-4133-1 MS
Matrix: Solid
Analysis Batch: 5003

Client Sample ID: Bottom
Prep Type: Total/NA
Prep Batch: 4749

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		0.991	0.914		mg/Kg		92	61 - 133
Toluene	ND		0.996	0.904		mg/Kg		91	15 - 261
Trichloroethene (TCE)	ND		0.996	0.778		mg/Kg		78	58 - 134

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 147*
Toluene-d8 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*62 - 144*
Dibromofluoromethane (Surr)	*92*		*73 - 145*

Lab Sample ID: 885-4133-1 MSD
Matrix: Solid
Analysis Batch: 5003

Client Sample ID: Bottom
Prep Type: Total/NA
Prep Batch: 4749

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		0.996	0.854		mg/Kg		86	34 - 140	3	20
Benzene	ND		0.995	0.854		mg/Kg		86	61 - 141	2	20
Chlorobenzene	ND		0.993	0.921		mg/Kg		93	61 - 133	1	20
Toluene	ND		0.998	0.918		mg/Kg		92	15 - 261	2	20
Trichloroethene (TCE)	ND		0.998	0.800		mg/Kg		80	58 - 134	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 147*
Toluene-d8 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*104*		*62 - 144*
Dibromofluoromethane (Surr)	*94*		*73 - 145*

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

Lab Sample ID: MB 885-4781/1-A
Matrix: Solid
Analysis Batch: 4989

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4781

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.25		mg/Kg		05/10/24 15:33	05/14/24 14:08	1
2-Methylnaphthalene	ND		0.25		mg/Kg		05/10/24 15:33	05/14/24 14:08	1
Acenaphthene	ND		0.20		mg/Kg		05/10/24 15:33	05/14/24 14:08	1
Anthracene	ND		0.20		mg/Kg		05/10/24 15:33	05/14/24 14:08	1
Benzo[a]anthracene	ND		0.25		mg/Kg		05/10/24 15:33	05/14/24 14:08	1
Benzo[a]pyrene	ND		0.25		mg/Kg		05/10/24 15:33	05/14/24 14:08	1
Benzo[b]fluoranthene	ND		0.25		mg/Kg		05/10/24 15:33	05/14/24 14:08	1
Benzo[k]fluoranthene	ND		0.30		mg/Kg		05/10/24 15:33	05/14/24 14:08	1
Chrysene	ND		0.25		mg/Kg		05/10/24 15:33	05/14/24 14:08	1
Dibenz(a,h)anthracene	ND		0.25		mg/Kg		05/10/24 15:33	05/14/24 14:08	1
Fluoranthene	ND		0.25		mg/Kg		05/10/24 15:33	05/14/24 14:08	1
Fluorene	ND		0.25		mg/Kg		05/10/24 15:33	05/14/24 14:08	1
Indeno[1,2,3-cd]pyrene	ND		0.25		mg/Kg		05/10/24 15:33	05/14/24 14:08	1
Naphthalene	ND		0.25		mg/Kg		05/10/24 15:33	05/14/24 14:08	1

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

Lab Sample ID: MB 885-4781/1-A
Matrix: Solid
Analysis Batch: 4989

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4781

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		0.25		mg/Kg		05/10/24 15:33	05/14/24 14:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5 (Surr)	*62*		*24 - 130*	*05/10/24 15:33*	*05/14/24 14:08*	*1*
2-Fluorophenol (Surr)	*53*		*21 - 130*	*05/10/24 15:33*	*05/14/24 14:08*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*20 - 130*	*05/10/24 15:33*	*05/14/24 14:08*	*1*
Nitrobenzene-d5 (Surr)	*58*		*15 - 130*	*05/10/24 15:33*	*05/14/24 14:08*	*1*
2-Fluorobiphenyl (Surr)	*61*		*21 - 130*	*05/10/24 15:33*	*05/14/24 14:08*	*1*
p-Terphenyl-d14 (Surr)	*72*		*34 - 130*	*05/10/24 15:33*	*05/14/24 14:08*	*1*

Lab Sample ID: LCS 885-4781/2-A
Matrix: Solid
Analysis Batch: 4989

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4781

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1.67	1.00		mg/Kg		60	19 - 130
Pyrene	1.67	1.01		mg/Kg		61	28 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Phenol-d5 (Surr)	*60*		*24 - 130*
2-Fluorophenol (Surr)	*53*		*21 - 130*
2,4,6-Tribromophenol (Surr)	*71*		*20 - 130*
Nitrobenzene-d5 (Surr)	*60*		*15 - 130*
2-Fluorobiphenyl (Surr)	*59*		*21 - 130*
p-Terphenyl-d14 (Surr)	*66*		*34 - 130*

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

Lab Sample ID: MB 885-4749/1-A
Matrix: Solid
Analysis Batch: 4951

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4749

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		05/10/24 12:26	05/13/24 17:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*35 - 166*	*05/10/24 12:26*	*05/13/24 17:11*	*1*

Lab Sample ID: LCS 885-4749/3-A
Matrix: Solid
Analysis Batch: 4951

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4749

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	20.9		mg/Kg		84	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*185*	*S1+*	*35 - 166*

Client: Harvest
Project/Site: Ignacio Gas Plant

Job ID: 885-4133-1

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

Lab Sample ID: 885-4133-2 MS
Matrix: Solid
Analysis Batch: 4951

Client Sample ID: Side Wall 1
Prep Type: Total/NA
Prep Batch: 4749

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND	F1	24.6	33.0		mg/Kg		93	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*154*		*35 - 166*

Lab Sample ID: 885-4133-2 MSD
Matrix: Solid
Analysis Batch: 4951

Client Sample ID: Side Wall 1
Prep Type: Total/NA
Prep Batch: 4749

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND	F1	24.9	27.2	F1	mg/Kg		69	70 - 130	19	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*137*		*35 - 166*

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

Lab Sample ID: MB 885-4754/1-A
Matrix: Solid
Analysis Batch: 4758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4754

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		05/10/24 12:51	05/10/24 20:34	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		05/10/24 12:51	05/10/24 20:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*05/10/24 12:51*	*05/10/24 20:34*	*1*

Lab Sample ID: LCS 885-4754/2-A
Matrix: Solid
Analysis Batch: 4758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4754

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	48.5		mg/Kg		97	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 885-4836/1-A ^10
Matrix: Solid
Analysis Batch: 5407

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4836

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0	mg/Kg		05/13/24 11:09	05/21/24 12:19	10

Client: Harvest
Job ID: 885-4133-1
Project/Site: Ignacio Gas Plant

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

Lab Sample ID: MB 885-4836/1-A ^10
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 5407
Prep Batch: 4836

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		1.0	mg/Kg		05/13/24 11:09	05/21/24 12:19	10
Cadmium	ND		1.0	mg/Kg		05/13/24 11:09	05/21/24 12:19	10
Lead	ND		1.0	mg/Kg		05/13/24 11:09	05/21/24 12:19	10
Selenium	ND		1.0	mg/Kg		05/13/24 11:09	05/21/24 12:19	10
Silver	ND		1.0	mg/Kg		05/13/24 11:09	05/21/24 12:19	10
Copper	ND		1.6	mg/Kg		05/13/24 11:09	05/21/24 12:19	10
Nickel	ND		1.3	mg/Kg		05/13/24 11:09	05/21/24 12:19	10
Zinc	ND		10	mg/Kg		05/13/24 11:09	05/21/24 12:19	10

Lab Sample ID: LCS 885-4836/3-A ^10
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 5407
Prep Batch: 4836

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5.00	5.06		mg/Kg		101	80 - 120
Barium	5.00	4.85		mg/Kg		97	80 - 120
Cadmium	5.00	5.06		mg/Kg		101	80 - 120
Lead	5.00	4.85		mg/Kg		97	80 - 120
Selenium	5.00	5.08		mg/Kg		102	80 - 120
Silver	2.50	2.55		mg/Kg		102	80 - 120
Copper	5.00	5.21		mg/Kg		104	80 - 120
Nickel	5.00	5.06		mg/Kg		101	80 - 120
Zinc	50.0	55.7		mg/Kg		111	80 - 120

Lab Sample ID: LCSD 885-4836/4-A ^10
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 5407
Prep Batch: 4836

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	5.00	4.68		mg/Kg		94	80 - 120	8	20
Barium	5.00	4.85		mg/Kg		97	80 - 120	0	20
Cadmium	5.00	5.09		mg/Kg		102	80 - 120	0	20
Lead	5.00	4.87		mg/Kg		97	80 - 120	0	20
Selenium	5.00	4.75		mg/Kg		95	80 - 120	7	20
Silver	2.50	2.58		mg/Kg		103	80 - 120	1	20
Copper	5.00	5.22		mg/Kg		104	80 - 120	0	20
Nickel	5.00	4.92		mg/Kg		98	80 - 120	3	20
Zinc	50.0	51.9		mg/Kg		104	80 - 120	7	20

Lab Sample ID: LLCS 885-4836/2-A ^10
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 5407
Prep Batch: 4836

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	ND		mg/Kg		95	70 - 130
Cadmium	0.100	ND		mg/Kg		99	70 - 130
Lead	0.100	ND		mg/Kg		95	70 - 130
Silver	0.100	ND		mg/Kg		100	70 - 130
Copper	0.100	ND		mg/Kg		111	70 - 130

Client: Harvest
Project/Site: Ignacio Gas Plant

Job ID: 885-4133-1

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

Lab Sample ID: LLCS 885-4836/2-A ^10
Matrix: Solid
Analysis Batch: 5407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4836

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	0.100	ND		mg/Kg		105	70 - 130

Lab Sample ID: MRL 885-5407/9
Matrix: Solid
Analysis Batch: 5407

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.00100	0.000962	J	mg/L		96	70 - 130
Barium	0.00100	0.00100		mg/L		100	70 - 130
Cadmium	0.00100	0.00116		mg/L		116	70 - 130
Lead	0.00100	0.000997	J	mg/L		100	70 - 130
Selenium	0.00100	0.00115		mg/L		115	70 - 130
Silver	0.00100	0.00114		mg/L		114	70 - 130
Copper	0.00100	0.00103		mg/L		103	70 - 130
Nickel	0.00100	0.000982	J	mg/L		98	70 - 130
Zinc	0.0100	0.0115		mg/L		115	70 - 130

Method: 4F2b2a1 - Resistivity

Lab Sample ID: 885-4133-6 DU
Matrix: Solid
Analysis Batch: 4965

Client Sample ID: Background
Prep Type: Total/NA
Prep Batch: 4874

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Resistivity	5400		5680		ohm cm		6	20

GC/MS VOA

Prep Batch: 4749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-1	Bottom	Total/NA	Solid	5030C	
885-4133-2	Side Wall 1	Total/NA	Solid	5030C	
885-4133-3	Side Wall 2	Total/NA	Solid	5030C	
885-4133-4	Side Wall 3	Total/NA	Solid	5030C	
885-4133-5	Side Wall 4	Total/NA	Solid	5030C	
885-4133-6	Background	Total/NA	Solid	5030C	
MB 885-4749/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-4749/2-A	Lab Control Sample	Total/NA	Solid	5030C	
885-4133-1 MS	Bottom	Total/NA	Solid	5030C	
885-4133-1 MSD	Bottom	Total/NA	Solid	5030C	

Analysis Batch: 5003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-1	Bottom	Total/NA	Solid	8260B	4749
885-4133-2	Side Wall 1	Total/NA	Solid	8260B	4749
885-4133-3	Side Wall 2	Total/NA	Solid	8260B	4749
885-4133-4	Side Wall 3	Total/NA	Solid	8260B	4749
885-4133-5	Side Wall 4	Total/NA	Solid	8260B	4749
885-4133-6	Background	Total/NA	Solid	8260B	4749
MB 885-4749/1-A	Method Blank	Total/NA	Solid	8260B	4749
LCS 885-4749/2-A	Lab Control Sample	Total/NA	Solid	8260B	4749
885-4133-1 MS	Bottom	Total/NA	Solid	8260B	4749
885-4133-1 MSD	Bottom	Total/NA	Solid	8260B	4749

GC/MS Semi VOA

Prep Batch: 4781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-1	Bottom	Total/NA	Solid	3540C	
885-4133-2	Side Wall 1	Total/NA	Solid	3540C	
885-4133-3	Side Wall 2	Total/NA	Solid	3540C	
885-4133-4	Side Wall 3	Total/NA	Solid	3540C	
885-4133-5	Side Wall 4	Total/NA	Solid	3540C	
885-4133-6	Background	Total/NA	Solid	3540C	
MB 885-4781/1-A	Method Blank	Total/NA	Solid	3540C	
LCS 885-4781/2-A	Lab Control Sample	Total/NA	Solid	3540C	

Analysis Batch: 4989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-1	Bottom	Total/NA	Solid	8270C	4781
885-4133-2	Side Wall 1	Total/NA	Solid	8270C	4781
885-4133-3	Side Wall 2	Total/NA	Solid	8270C	4781
885-4133-4	Side Wall 3	Total/NA	Solid	8270C	4781
885-4133-5	Side Wall 4	Total/NA	Solid	8270C	4781
885-4133-6	Background	Total/NA	Solid	8270C	4781
MB 885-4781/1-A	Method Blank	Total/NA	Solid	8270C	4781
LCS 885-4781/2-A	Lab Control Sample	Total/NA	Solid	8270C	4781

GC VOA

Prep Batch: 4749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-1	Bottom	Total/NA	Solid	5030C	
885-4133-2	Side Wall 1	Total/NA	Solid	5030C	
885-4133-3	Side Wall 2	Total/NA	Solid	5030C	
885-4133-4	Side Wall 3	Total/NA	Solid	5030C	
885-4133-5	Side Wall 4	Total/NA	Solid	5030C	
885-4133-6	Background	Total/NA	Solid	5030C	
MB 885-4749/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-4749/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-4133-2 MS	Side Wall 1	Total/NA	Solid	5030C	
885-4133-2 MSD	Side Wall 1	Total/NA	Solid	5030C	

Analysis Batch: 4951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-1	Bottom	Total/NA	Solid	8015D	4749
885-4133-2	Side Wall 1	Total/NA	Solid	8015D	4749
885-4133-3	Side Wall 2	Total/NA	Solid	8015D	4749
885-4133-4	Side Wall 3	Total/NA	Solid	8015D	4749
885-4133-5	Side Wall 4	Total/NA	Solid	8015D	4749
885-4133-6	Background	Total/NA	Solid	8015D	4749
MB 885-4749/1-A	Method Blank	Total/NA	Solid	8015D	4749
LCS 885-4749/3-A	Lab Control Sample	Total/NA	Solid	8015D	4749
885-4133-2 MS	Side Wall 1	Total/NA	Solid	8015D	4749
885-4133-2 MSD	Side Wall 1	Total/NA	Solid	8015D	4749

GC Semi VOA

Prep Batch: 4754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-1	Bottom	Total/NA	Solid	SHAKE	
885-4133-2	Side Wall 1	Total/NA	Solid	SHAKE	
885-4133-3	Side Wall 2	Total/NA	Solid	SHAKE	
885-4133-4	Side Wall 3	Total/NA	Solid	SHAKE	
885-4133-5	Side Wall 4	Total/NA	Solid	SHAKE	
885-4133-6	Background	Total/NA	Solid	SHAKE	
MB 885-4754/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-4754/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 4758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-1	Bottom	Total/NA	Solid	8015D	4754
885-4133-2	Side Wall 1	Total/NA	Solid	8015D	4754
885-4133-5	Side Wall 4	Total/NA	Solid	8015D	4754
885-4133-6	Background	Total/NA	Solid	8015D	4754
MB 885-4754/1-A	Method Blank	Total/NA	Solid	8015D	4754
LCS 885-4754/2-A	Lab Control Sample	Total/NA	Solid	8015D	4754

Analysis Batch: 4850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-3	Side Wall 2	Total/NA	Solid	8015D	4754
885-4133-4	Side Wall 3	Total/NA	Solid	8015D	4754

Metals

Prep Batch: 4836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-1	Bottom	Total/NA	Solid	3050B	
885-4133-2	Side Wall 1	Total/NA	Solid	3050B	
885-4133-3	Side Wall 2	Total/NA	Solid	3050B	
885-4133-4	Side Wall 3	Total/NA	Solid	3050B	
885-4133-5	Side Wall 4	Total/NA	Solid	3050B	
885-4133-6	Background	Total/NA	Solid	3050B	
MB 885-4836/1-A ^10	Method Blank	Total/NA	Solid	3050B	
LCS 885-4836/3-A ^10	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 885-4836/4-A ^10	Lab Control Sample Dup	Total/NA	Solid	3050B	
LLCS 885-4836/2-A ^10	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 5303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-1	Bottom	Total/NA	Solid	20B	
885-4133-2	Side Wall 1	Total/NA	Solid	20B	
885-4133-3	Side Wall 2	Total/NA	Solid	20B	
885-4133-4	Side Wall 3	Total/NA	Solid	20B	
885-4133-5	Side Wall 4	Total/NA	Solid	20B	
885-4133-6	Background	Total/NA	Solid	20B	

Analysis Batch: 5407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-1	Bottom	Total/NA	Solid	6020A	4836
885-4133-1	Bottom	Total/NA	Solid	6020A	4836
885-4133-2	Side Wall 1	Total/NA	Solid	6020A	4836
885-4133-2	Side Wall 1	Total/NA	Solid	6020A	4836
885-4133-3	Side Wall 2	Total/NA	Solid	6020A	4836
885-4133-3	Side Wall 2	Total/NA	Solid	6020A	4836
885-4133-4	Side Wall 3	Total/NA	Solid	6020A	4836
885-4133-4	Side Wall 3	Total/NA	Solid	6020A	4836
885-4133-5	Side Wall 4	Total/NA	Solid	6020A	4836
885-4133-5	Side Wall 4	Total/NA	Solid	6020A	4836
885-4133-6	Background	Total/NA	Solid	6020A	4836
885-4133-6	Background	Total/NA	Solid	6020A	4836
MB 885-4836/1-A ^10	Method Blank	Total/NA	Solid	6020A	4836
LCS 885-4836/3-A ^10	Lab Control Sample	Total/NA	Solid	6020A	4836
LCSD 885-4836/4-A ^10	Lab Control Sample Dup	Total/NA	Solid	6020A	4836
LLCS 885-4836/2-A ^10	Lab Control Sample	Total/NA	Solid	6020A	4836
MRL 885-5407/9	Lab Control Sample	Total/NA	Solid	6020A	

General Chemistry

Prep Batch: 4874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-1	Bottom	Total/NA	Solid	Sat Paste Ext	
885-4133-2	Side Wall 1	Total/NA	Solid	Sat Paste Ext	
885-4133-3	Side Wall 2	Total/NA	Solid	Sat Paste Ext	
885-4133-4	Side Wall 3	Total/NA	Solid	Sat Paste Ext	
885-4133-5	Side Wall 4	Total/NA	Solid	Sat Paste Ext	
885-4133-6	Background	Total/NA	Solid	Sat Paste Ext	
885-4133-6 DU	Background	Total/NA	Solid	Sat Paste Ext	

General Chemistry

Analysis Batch: 4894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-1	Bottom	Total/NA	Solid	9040C	
885-4133-2	Side Wall 1	Total/NA	Solid	9040C	
885-4133-3	Side Wall 2	Total/NA	Solid	9040C	
885-4133-4	Side Wall 3	Total/NA	Solid	9040C	
885-4133-5	Side Wall 4	Total/NA	Solid	9040C	
885-4133-6	Background	Total/NA	Solid	9040C	

Analysis Batch: 4965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4133-1	Bottom	Total/NA	Solid	4F2b2a1	4874
885-4133-2	Side Wall 1	Total/NA	Solid	4F2b2a1	4874
885-4133-3	Side Wall 2	Total/NA	Solid	4F2b2a1	4874
885-4133-4	Side Wall 3	Total/NA	Solid	4F2b2a1	4874
885-4133-5	Side Wall 4	Total/NA	Solid	4F2b2a1	4874
885-4133-6	Background	Total/NA	Solid	4F2b2a1	4874
885-4133-6 DU	Background	Total/NA	Solid	4F2b2a1	4874

Client Sample ID: Bottom **Lab Sample ID: 885-4133-1**
Date Collected: 05/07/24 11:30 **Matrix: Solid**
Date Received: 05/08/24 07:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4749	JP	EET ALB	05/10/24 12:26
Total/NA	Analysis	8260B		5	5003	JR	EET ALB	05/15/24 01:11
Total/NA	Prep	3540C			4781	DH	EET ALB	05/10/24 15:33
Total/NA	Analysis	8270C		50	4989	MB	EET ALB	05/14/24 15:34
Total/NA	Prep	5030C			4749	JP	EET ALB	05/10/24 12:26
Total/NA	Analysis	8015D		5	4951	RA	EET ALB	05/13/24 17:33
Total/NA	Prep	SHAKE			4754	PD	EET ALB	05/10/24 12:51
Total/NA	Analysis	8015D		1	4758	JU	EET ALB	05/10/24 23:27
Total/NA	Analysis	20B		1	5303	JF	EET ALB	05/20/24 15:57
Total/NA	Prep	3050B			4836	TM	EET ALB	05/13/24 11:09
Total/NA	Analysis	6020A		10	5407	ES	EET ALB	05/21/24 14:54
Total/NA	Prep	3050B			4836	TM	EET ALB	05/13/24 11:09
Total/NA	Analysis	6020A		100	5407	ES	EET ALB	05/21/24 18:00
Total/NA	Prep	Sat Paste Ext			4874	EH	EET ALB	05/13/24 14:10
Total/NA	Analysis	4F2b2a1		1	4965	EH	EET ALB	05/14/24 12:11
Total/NA	Analysis	9040C		1	4894	SS	EET ALB	05/13/24 16:16

Client Sample ID: Side Wall 1 **Lab Sample ID: 885-4133-2**
Date Collected: 05/07/24 11:45 **Matrix: Solid**
Date Received: 05/08/24 07:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4749	JP	EET ALB	05/10/24 12:26
Total/NA	Analysis	8260B		2	5003	JR	EET ALB	05/15/24 02:37
Total/NA	Prep	3540C			4781	DH	EET ALB	05/10/24 15:33
Total/NA	Analysis	8270C		10	4989	MB	EET ALB	05/14/24 16:16
Total/NA	Prep	5030C			4749	JP	EET ALB	05/10/24 12:26
Total/NA	Analysis	8015D		5	4951	RA	EET ALB	05/13/24 17:55
Total/NA	Prep	SHAKE			4754	PD	EET ALB	05/10/24 12:51
Total/NA	Analysis	8015D		1	4758	JU	EET ALB	05/10/24 23:39
Total/NA	Analysis	20B		1	5303	JF	EET ALB	05/20/24 15:57
Total/NA	Prep	3050B			4836	TM	EET ALB	05/13/24 11:09
Total/NA	Analysis	6020A		10	5407	ES	EET ALB	05/21/24 15:10
Total/NA	Prep	3050B			4836	TM	EET ALB	05/13/24 11:09
Total/NA	Analysis	6020A		100	5407	ES	EET ALB	05/21/24 18:05
Total/NA	Prep	Sat Paste Ext			4874	EH	EET ALB	05/13/24 14:10
Total/NA	Analysis	4F2b2a1		1	4965	EH	EET ALB	05/14/24 12:11
Total/NA	Analysis	9040C		1	4894	SS	EET ALB	05/13/24 16:16

Client Sample ID: Side Wall 2

Lab Sample ID: 885-4133-3

Date Collected: 05/07/24 12:00
Matrix: Solid
Date Received: 05/08/24 07:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4749	JP	EET ALB	05/10/24 12:26
Total/NA	Analysis	8260B		2	5003	JR	EET ALB	05/15/24 03:06
Total/NA	Prep	3540C			4781	DH	EET ALB	05/10/24 15:33
Total/NA	Analysis	8270C		10	4989	MB	EET ALB	05/14/24 16:58
Total/NA	Prep	5030C			4749	JP	EET ALB	05/10/24 12:26
Total/NA	Analysis	8015D		1	4951	RA	EET ALB	05/13/24 19:00
Total/NA	Prep	SHAKE			4754	PD	EET ALB	05/10/24 12:51
Total/NA	Analysis	8015D		10	4850	JU	EET ALB	05/13/24 13:42
Total/NA	Analysis	20B		1	5303	JF	EET ALB	05/20/24 15:57
Total/NA	Prep	3050B			4836	TM	EET ALB	05/13/24 11:09
Total/NA	Analysis	6020A		10	5407	ES	EET ALB	05/21/24 15:15
Total/NA	Prep	3050B			4836	TM	EET ALB	05/13/24 11:09
Total/NA	Analysis	6020A		50	5407	ES	EET ALB	05/21/24 18:26
Total/NA	Prep	Sat Paste Ext			4874	EH	EET ALB	05/13/24 14:10
Total/NA	Analysis	4F2b2a1		1	4965	EH	EET ALB	05/14/24 12:11
Total/NA	Analysis	9040C		1	4894	SS	EET ALB	05/13/24 16:16

Client Sample ID: Side Wall 3

Lab Sample ID: 885-4133-4

Date Collected: 05/07/24 12:30
Matrix: Solid
Date Received: 05/08/24 07:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4749	JP	EET ALB	05/10/24 12:26
Total/NA	Analysis	8260B		5	5003	JR	EET ALB	05/15/24 03:34
Total/NA	Prep	3540C			4781	DH	EET ALB	05/10/24 15:33
Total/NA	Analysis	8270C		20	4989	MB	EET ALB	05/14/24 17:40
Total/NA	Prep	5030C			4749	JP	EET ALB	05/10/24 12:26
Total/NA	Analysis	8015D		5	4951	RA	EET ALB	05/13/24 19:22
Total/NA	Prep	SHAKE			4754	PD	EET ALB	05/10/24 12:51
Total/NA	Analysis	8015D		10	4850	JU	EET ALB	05/13/24 13:54
Total/NA	Analysis	20B		1	5303	JF	EET ALB	05/20/24 15:57
Total/NA	Prep	3050B			4836	TM	EET ALB	05/13/24 11:09
Total/NA	Analysis	6020A		10	5407	ES	EET ALB	05/21/24 15:20
Total/NA	Prep	3050B			4836	TM	EET ALB	05/13/24 11:09
Total/NA	Analysis	6020A		100	5407	ES	EET ALB	05/21/24 18:31
Total/NA	Prep	Sat Paste Ext			4874	EH	EET ALB	05/13/24 14:10
Total/NA	Analysis	4F2b2a1		1	4965	EH	EET ALB	05/14/24 12:11
Total/NA	Analysis	9040C		1	4894	SS	EET ALB	05/13/24 16:16

Client Sample ID: Side Wall 4 Lab Sample ID: 885-4133-5

Date Collected: 05/07/24 13:00 **Matrix: Solid**
Date Received: 05/08/24 07:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4749	JP	EET ALB	05/10/24 12:26
Total/NA	Analysis	8260B		1	5003	JR	EET ALB	05/15/24 04:03
Total/NA	Prep	3540C			4781	DH	EET ALB	05/10/24 15:33
Total/NA	Analysis	8270C		20	4989	MB	EET ALB	05/14/24 18:23
Total/NA	Prep	5030C			4749	JP	EET ALB	05/10/24 12:26
Total/NA	Analysis	8015D		1	4951	RA	EET ALB	05/13/24 19:43
Total/NA	Prep	SHAKE			4754	PD	EET ALB	05/10/24 12:51
Total/NA	Analysis	8015D		1	4758	JU	EET ALB	05/11/24 00:28
Total/NA	Analysis	20B		1	5303	JF	EET ALB	05/20/24 15:57
Total/NA	Prep	3050B			4836	TM	EET ALB	05/13/24 11:09
Total/NA	Analysis	6020A		10	5407	ES	EET ALB	05/21/24 15:25
Total/NA	Prep	3050B			4836	TM	EET ALB	05/13/24 11:09
Total/NA	Analysis	6020A		100	5407	ES	EET ALB	05/21/24 18:36
Total/NA	Prep	Sat Paste Ext			4874	EH	EET ALB	05/13/24 14:10
Total/NA	Analysis	4F2b2a1		1	4965	EH	EET ALB	05/14/24 12:11
Total/NA	Analysis	9040C		1	4894	SS	EET ALB	05/13/24 16:16

Client Sample ID: Background Lab Sample ID: 885-4133-6

Date Collected: 05/07/24 14:00 **Matrix: Solid**
Date Received: 05/08/24 07:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			4749	JP	EET ALB	05/10/24 12:26
Total/NA	Analysis	8260B		1	5003	JR	EET ALB	05/15/24 04:31
Total/NA	Prep	3540C			4781	DH	EET ALB	05/10/24 15:33
Total/NA	Analysis	8270C		20	4989	MB	EET ALB	05/14/24 19:06
Total/NA	Prep	5030C			4749	JP	EET ALB	05/10/24 12:26
Total/NA	Analysis	8015D		1	4951	RA	EET ALB	05/13/24 20:05
Total/NA	Prep	SHAKE			4754	PD	EET ALB	05/10/24 12:51
Total/NA	Analysis	8015D		1	4758	JU	EET ALB	05/11/24 00:41
Total/NA	Analysis	20B		1	5303	JF	EET ALB	05/20/24 15:57
Total/NA	Prep	3050B			4836	TM	EET ALB	05/13/24 11:09
Total/NA	Analysis	6020A		10	5407	ES	EET ALB	05/21/24 15:30
Total/NA	Prep	3050B			4836	TM	EET ALB	05/13/24 11:09
Total/NA	Analysis	6020A		50	5407	ES	EET ALB	05/21/24 18:41
Total/NA	Prep	Sat Paste Ext			4874	EH	EET ALB	05/13/24 14:10
Total/NA	Analysis	4F2b2a1		1	4965	EH	EET ALB	05/14/24 12:11
Total/NA	Analysis	9040C		1	4894	SS	EET ALB	05/13/24 16:16

Laboratory References:

= Mount Juliet, 12065 Lebanon Road, Mount Juliet, TN 37122

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

Accreditation/Certification Summary

Client: Harvest
Job ID: 885-4133-1
Project/Site: Ignacio Gas Plant

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
6020A	3050B	Solid	Arsenic
6020A	3050B	Solid	Barium
6020A	3050B	Solid	Cadmium
6020A	3050B	Solid	Copper
6020A	3050B	Solid	Lead
6020A	3050B	Solid	Nickel
6020A	3050B	Solid	Selenium
6020A	3050B	Solid	Silver
6020A	3050B	Solid	Zinc
8015D	5030C	Solid	Gasoline Range Organics [C6 - C10]
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8260B	5030C	Solid	1,1,1,2-Tetrachloroethane
8260B	5030C	Solid	1,1,1-Trichloroethane
8260B	5030C	Solid	1,1,2,2-Tetrachloroethane
8260B	5030C	Solid	1,1,2-Trichloroethane
8260B	5030C	Solid	1,1-Dichloroethane
8260B	5030C	Solid	1,1-Dichloroethene
8260B	5030C	Solid	1,1-Dichloropropene
8260B	5030C	Solid	1,2,3-Trichlorobenzene
8260B	5030C	Solid	1,2,3-Trichloropropane
8260B	5030C	Solid	1,2,4-Trichlorobenzene
8260B	5030C	Solid	1,2,4-Trimethylbenzene
8260B	5030C	Solid	1,2-Dibromo-3-Chloropropane
8260B	5030C	Solid	1,2-Dibromoethane (EDB)
8260B	5030C	Solid	1,2-Dichlorobenzene
8260B	5030C	Solid	1,2-Dichloroethane (EDC)
8260B	5030C	Solid	1,2-Dichloropropane
8260B	5030C	Solid	1,3,5-Trimethylbenzene
8260B	5030C	Solid	1,3-Dichlorobenzene
8260B	5030C	Solid	1,3-Dichloropropane
8260B	5030C	Solid	1,4-Dichlorobenzene
8260B	5030C	Solid	1-Methylnaphthalene
8260B	5030C	Solid	2,2-Dichloropropane
8260B	5030C	Solid	2-Butanone
8260B	5030C	Solid	2-Chlorotoluene
8260B	5030C	Solid	2-Hexanone
8260B	5030C	Solid	2-Methylnaphthalene
8260B	5030C	Solid	4-Chlorotoluene
8260B	5030C	Solid	4-Isopropyltoluene

Accreditation/Certification Summary

Client: Harvest
Project/Site: Ignacio Gas Plant

Job ID: 885-4133-1

Laboratory: Eurofins Albuquerque (Continued)

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

Authority	Program	Identification Number	Expiration Date

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
8260B	5030C	Solid	4-Methyl-2-pentanone
8260B	5030C	Solid	Acetone
8260B	5030C	Solid	Benzene
8260B	5030C	Solid	Bromobenzene
8260B	5030C	Solid	Bromodichloromethane
8260B	5030C	Solid	Bromoform
8260B	5030C	Solid	Bromomethane
8260B	5030C	Solid	Carbon disulfide
8260B	5030C	Solid	Carbon tetrachloride
8260B	5030C	Solid	Chlorobenzene
8260B	5030C	Solid	Chloroethane
8260B	5030C	Solid	Chloroform
8260B	5030C	Solid	Chloromethane
8260B	5030C	Solid	cis-1,2-Dichloroethene
8260B	5030C	Solid	cis-1,3-Dichloropropene
8260B	5030C	Solid	Dibromochloromethane
8260B	5030C	Solid	Dibromomethane
8260B	5030C	Solid	Dichlorodifluoromethane
8260B	5030C	Solid	Ethylbenzene
8260B	5030C	Solid	Hexachlorobutadiene
8260B	5030C	Solid	Isopropylbenzene
8260B	5030C	Solid	Methylene Chloride
8260B	5030C	Solid	Methyl-tert-butyl Ether (MTBE)
8260B	5030C	Solid	Naphthalene
8260B	5030C	Solid	n-Butylbenzene
8260B	5030C	Solid	N-Propylbenzene
8260B	5030C	Solid	sec-Butylbenzene
8260B	5030C	Solid	Styrene
8260B	5030C	Solid	tert-Butylbenzene
8260B	5030C	Solid	Tetrachloroethene (PCE)
8260B	5030C	Solid	Toluene
8260B	5030C	Solid	trans-1,2-Dichloroethene
8260B	5030C	Solid	trans-1,3-Dichloropropene
8260B	5030C	Solid	Trichloroethene (TCE)
8260B	5030C	Solid	Trichlorofluoromethane
8260B	5030C	Solid	Vinyl chloride
8260B	5030C	Solid	Xylenes, Total
8270C	3540C	Solid	1-Methylnaphthalene
8270C	3540C	Solid	2-Methylnaphthalene
8270C	3540C	Solid	Acenaphthene
8270C	3540C	Solid	Anthracene
8270C	3540C	Solid	Benzo[a]anthracene
8270C	3540C	Solid	Benzo[a]pyrene
8270C	3540C	Solid	Benzo[b]fluoranthene
8270C	3540C	Solid	Benzo[k]fluoranthene
8270C	3540C	Solid	Chrysene
8270C	3540C	Solid	Dibenz(a,h)anthracene

Laboratory: Eurofins Albuquerque (Continued)

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

Authority	Program	Identification Number	Expiration Date

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
8270C	3540C	Solid	Fluoranthene
8270C	3540C	Solid	Fluorene
8270C	3540C	Solid	Indeno[1,2,3-cd]pyrene
8270C	3540C	Solid	Naphthalene
8270C	3540C	Solid	Pyrene
9040C		Solid	pH

Authority	Program	Identification Number	Expiration Date
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
6020A	3050B	Solid	Copper
6020A	3050B	Solid	Zinc
8270C	3540C	Solid	1-Methylnaphthalene
9040C		Solid	pH

ANALYTICAL REPORT

May 21, 2024

Hall Environmental Analysis Laboratory

Sample Delivery Group:	L1735152
Samples Received:	05/10/2024
Project Number:	88501083
Description:	Ignacio Gas Plant
Report To:	Andy Freeman 4901 Hawkins NE Albuquerque, NM 87109

Entire Report Reviewed By:

John Hawkins
Project Manager

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BOTTOM (885-4133-1) L1735152-01 Solid

Collected by | Collected date/time 05/07/24 11:30 | Received date/time 05/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 3060A/7196A	WG2285255	1	05/13/24 12:38	05/14/24 12:45	SJA	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2289532	1	05/20/24 16:17	05/20/24 20:13	ZSA	Mt. Juliet, TN

SIDE WALL 1 (885-4133-2) L1735152-02 Solid

Collected by | Collected date/time 05/07/24 11:45 | Received date/time 05/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 3060A/7196A	WG2285255	1	05/13/24 12:38	05/14/24 12:45	SJA	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2289532	1	05/20/24 16:17	05/20/24 20:16	ZSA	Mt. Juliet, TN

SIDE WALL 2 (885-4133-3) L1735152-03 Solid

Collected by | Collected date/time 05/07/24 12:00 | Received date/time 05/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 3060A/7196A	WG2285255	1	05/13/24 12:38	05/14/24 12:45	SJA	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2289532	1	05/20/24 16:17	05/20/24 20:19	ZSA	Mt. Juliet, TN

SIDE WALL 3 (885-4133-4) L1735152-04 Solid

Collected by | Collected date/time 05/07/24 12:30 | Received date/time 05/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 3060A/7196A	WG2285255	1	05/13/24 12:38	05/14/24 12:45	SJA	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2289532	1	05/20/24 16:17	05/20/24 20:22	ZSA	Mt. Juliet, TN

SIDE WALL 4 (885-4133-5) L1735152-05 Solid

Collected by | Collected date/time 05/07/24 13:00 | Received date/time 05/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 3060A/7196A	WG2285255	1	05/13/24 12:38	05/14/24 12:46	SJA	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2289532	1	05/20/24 16:17	05/20/24 20:25	ZSA	Mt. Juliet, TN

BACKGROUND (885-4133-6) L1735152-06 Solid

Collected by | Collected date/time 05/07/24 14:00 | Received date/time 05/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 3060A/7196A	WG2285255	1	05/13/24 12:38	05/14/24 12:46	SJA	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2289532	1	05/20/24 16:17	05/20/24 20:27	ZSA	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

John V Hawkins

John Hawkins
Project Manager

Wet Chemistry by Method 3060A/7196A

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Chromium,Hexavalent	U		0.640	2.00	1	05/14/2024 12:45	WG2285255

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	325		16.7	200	1	05/20/2024 20:13	WG2289532

Wet Chemistry by Method 3060A/7196A

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Chromium,Hexavalent	U		0.640	2.00	1	05/14/2024 12:45	WG2285255

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	397		16.7	200	1	05/20/2024 20:16	WG2289532

Wet Chemistry by Method 3060A/7196A

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Chromium,Hexavalent	U		0.640	2.00	1	05/14/2024 12:45	WG2285255

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	295		16.7	200	1	05/20/2024 20:19	WG2289532

Wet Chemistry by Method 3060A/7196A

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Chromium,Hexavalent	U		0.640	2.00	1	05/14/2024 12:45	WG2285255

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	1130		16.7	200	1	05/20/2024 20:22	WG2289532

Wet Chemistry by Method 3060A/7196A

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Chromium,Hexavalent	U		0.640	2.00	1	05/14/2024 12:46	WG2285255

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	411		16.7	200	1	05/20/2024 20:25	WG2289532

Wet Chemistry by Method 3060A/7196A

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Chromium,Hexavalent	0.887	J J3 J6 O1	0.640	2.00	1	05/14/2024 12:46	WG2285255

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	241		16.7	200	1	05/20/2024 20:27	WG2289532

Method Blank (MB)

(MB) R4069386-1 05/14/24 12:40

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Chromium,Hexavalent	U		0.640	2.00

L1733380-36 Original Sample (OS) • Duplicate (DUP)

(OS) L1733380-36 05/14/24 12:42 • (DUP) R4069386-3 05/14/24 12:42

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chromium,Hexavalent	2.41	2.13	1	12.5		20

L1733380-39 Original Sample (OS) • Duplicate (DUP)

(OS) L1733380-39 05/14/24 12:44 • (DUP) R4069386-4 05/14/24 12:44

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chromium,Hexavalent	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4069386-2 05/14/24 12:40

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chromium,Hexavalent	24.0	26.6	111	80.0-120	

L1735152-06 Original Sample (OS) • Matrix Spike (MS)

(OS) L1735152-06 05/14/24 12:46 • (MS) R4069386-7 05/14/24 12:47

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chromium,Hexavalent	636	0.887	206	32.4	50	75.0-125	J6

Sample Narrative:

MS: Spike failure due to matrix interference; ORP attached

L1735152-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1735152-06 05/14/24 12:46 • (MS) R4069386-5 05/14/24 12:47 • (MSD) R4069386-6 05/14/24 12:47

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chromium,Hexavalent	20.0	0.887	U	0.797	0.000	0.000	1	75.0-125	J6	J3 J6	200	20

Sample Narrative:

MS: Spike failure due to matrix interference; ORP attached

MSD: Spike failure due to matrix interference; ORP attached

Method Blank (MB)

(MB) R4071917-1 05/20/24 20:02

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hot Water Sol. Boron	U		16.7	200

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4071917-2 05/20/24 20:05 • (LCSD) R4071917-3 05/20/24 20:08

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hot Water Sol. Boron	1000	1060	1010	106	101	80.0-120			4.84	20

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque, NM 87109
Phone: 505-345-3975 Fax: 505-345-4107

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Freeman, Andy	Carrier Tracking No(s):	COC No: 885-637.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: andy.freeman@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Pace Analytical Services LLC		Accreditations Required (See note): NELAP - Oregon; State - New Mexico		Job #: 885-4133-1
Address: 12065 Lebanon Road, ,	Due Date Requested: 5/14/2024	**Analysis Requested**		**Preservation Codes:** - A063
City: Mount Juliet	TAT Requested (days):			
State, Zip: TN, 37122				
Phone:	PO #:			
Email:	WO #:			
Project Name: Ignacio Gas Plant	Project #: 88501083	402		Other: L1735152
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUB (Cr6)/ Cr6	SUB (Hot Water Soluble Boron)/ Hot Water Soluble Boron	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
Bottom (885-4133-1)	5/7/24	11:30 Mountain		Solid			X	X	2	See Attached Instructions -01
Side Wall 1 (885-4133-2)	5/7/24	11:45 Mountain		Solid			X	X	2	See Attached Instructions -02
Side Wall 2 (885-4133-3)	5/7/24	12:00 Mountain		Solid			X	X	2	See Attached Instructions -03
Side Wall 3 (885-4133-4)	5/7/24	12:30 Mountain		Solid			X	X	2	See Attached Instructions -04
Side Wall 4 (885-4133-5)	5/7/24	13:00 Mountain		Solid			X	X	2	See Attached Instructions -05
Background (885-4133-6)	5/7/24	14:00 Mountain		Solid			X	X	2	See Attached Instructions -06

7763 1596 2122

Sample Receipt Checklist

COC Seal Present/Intact:	✓Y _N	If Applicable	
COC Signed/Accurate:	✓Y _N	VOA Zero Headspace:	_Y _N
Bottles arrive intact:	✓Y _N	Pres. Correct/Check:	_Y _N
Correct bottles used:	✓Y _N		
Sufficient volume sent:	✓Y _N		
RA Screen <0.5 mR/hr:	✓Y _N		

EDA6 7.4+.1=7.5

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation con[...] laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eu[...] accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return t[...]

Possible Hazard Identification *Unconfirmed*		*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For ____ Months*		
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliverable Rank: 2	Special Instructions/QC Requirements:		
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:	
Relinquished by: [signature]	Date/Time: 5/9/24 13:59	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 5-10-24 9:30	Company PACE
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:		

Ver: 06/08/2021

ICOC No:
885-637

L1735152

Containers

Count	Container Type	Preservative
12	Soil jar 4oz - clear glass	None

Subcontract Method Instructions

Sample IDs	Method	Method Description	Method Comments
1, 2, 3, 4, 5, 6	SUBCONTRACT	SUB (Cr6)/ Cr6	Needs MDL/J
1, 2, 3, 4, 5, 6	SUBCONTRACT	SUB (Hot Water Soluble Boron)/ Hot Water Soluble Boron	Needs MDL/J

Chain-of-Custody Record

Client: Harvest midstream

Mailing Address:

Phone #: 505 320 8621

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush ASAP

Project Name: Ignacio Gas Plant

Project #:

Project Manager: Chad Snell

Sampler: Chad Snell

On Ice: ☒ Yes ☐ No

# of Coolers: 1 409:

Cooler Temp(Including CF): 3.4-0=3.4 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

885-4133 COC

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Full 915-1 Table					
5-7-24	11:30	Soil	Bottom	2 glass Jars 2 ziplock	cool												X					
	11:45		Side wall 1														X					
	12:00		Side wall 2														X					
	12:30		Side wall 3														X					
	1:00		Side wall 4														X					
	2:00		Back ground														X					

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
5-7-24	5:24	[signature]	Chad Watt [signature]		5/7/24	1724
5/7/24	1750	Clint Watt	[signature]	Courier	5/8/24	7:25

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Harvest

Job Number: 885-4133-1

Login Number: 4133

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	