1. Continue O&M & sampling as stated in report. 2. Submit next quarterly report by April 15, 2025.

ENSOLUM

January 7, 2025

New Mexico Oil Conservation Division
New Mexico Energy, Mineral, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Subject: **2024 Fourth Quarter – Solar SVE System Update**
Trunk L Tank Battery
Harvest Four Corners, LLC
Incident Number NVF1900731813
Remediation Permit Number 3RP-13665
Rio Arriba County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Harvest Four Corners, LLC (Harvest), presents the following *2024 Fourth Quarter – Solar SVE System Update* report summarizing the soil vapor extraction (SVE) system performance at the Trunk L Tank Battery (Site), located in Unit A of Section 28, Township 28 North, Range 05 West, in Rio Arriba County, New Mexico (Figure 1).

BACKGROUND

The solar SVE system was installed on September 18, 2019, to remediate subsurface soil impacts following a release on December 14, 2018. Excessive liquids were released onto the Site during a pigging event. Additionally, the volume of fluid in the slug catcher was elevated due to a stuck float valve, causing a release of approximately 22 barrels (bbls) into the lined secondary containment. Harvest reported the release to the New Mexico Oil Conservation Division (NMOCD) on a release Notification and Corrective Action Form C-141 on December 28, 2018, and the event was assigned Incident Number NVF1900731813. A solar SVE system was installed to remediate impacts resulting from the release. Reports summarizing remediation system operation for previous quarters of system operation have been submitted to the NMOCD.

SOLAR SVE SYSTEM OPERATION AND MONITORING

The solar SVE system consists of three shallow wells (SVE01, SVE03, and SVE05) with depths ranging from 15 feet to 20 feet below ground surface (bgs) with 10-foot screened intervals, and three deep wells (SVE02, SVE04, and SVE06) with depths ranging from 35 feet to 40 feet bgs with 10-foot screened intervals. The solar SVE system is comprised of a 2.75 horsepower, three-phase blower capable of extracting 105 cubic feet per minute (cfm) at 50 inches of water column (IWC) vacuum, with a maximum vacuum capability of 84 IWC. Each SVE well has a dedicated leg with an adjustable valve and vacuum gauge to control the individual flow rates and vacuum prior to manifolding together before the water knockout tank and blower. Harvest utilized a solar-powered SVE system due to the remote location and the lack of electrical grid power at the Site. The direct-drive blower motor is connected to the solar panels via a motor controller that automatically starts the system as sunlight is available and throttles the blower up as sun power increases throughout the day to maximize efficiency. Seasonally, there are approximately 10 hours in the winter and 12 hours in the summer of available solar power in Farmington, New

Mexico. The complete solar SVE system is constructed as one unit designed for utilization at off-grid locations and operates autonomously. The layout of the solar SVE system is depicted on Figure 2.

Between startup of the solar SVE system on September 18, 2019, and the last quarterly Site visit on December 12, 2024, there have been 1,912 days of operation, with an estimated 22,084 total hours of nominal daylight available for solar SVE system operations. Since installation, the system has had an actual runtime of 22,965 hours, for an overall uptime of 104 percent (%) of the available runtime hours. A photographic log of the hours meter reading is included as Appendix A. Below is a table showing SVE system runtime in comparison with nominal available daylight hours per month, according to the National Renewable Energy Laboratory (NREL).

SVE System Runtime

Time Period	Start up on September 18, 2019 to September 23, 2024	September 24, 2024 to September 30, 2024	October 1, 2024 to October 31, 2024	November 1, 2024 to November 30 2024	December 1, 2024 to December 12, 2024
Days	1,832	7	31	30	12
Avg. Nominal Daylight Hours	11.6	12	11	10	9
Available Runtime Hours	21,251	84	341	300	108

Total Available Daylight Runtime Hours	**22,084**
Actual Runtime Hours	**22,965**
Cumulative % Runtime	**104.0%**
Quarterly Available Daylight Runtime Hours	**833**
Quarterly Runtime Hours	**853**
Quarterly % Runtime	**102.4%**

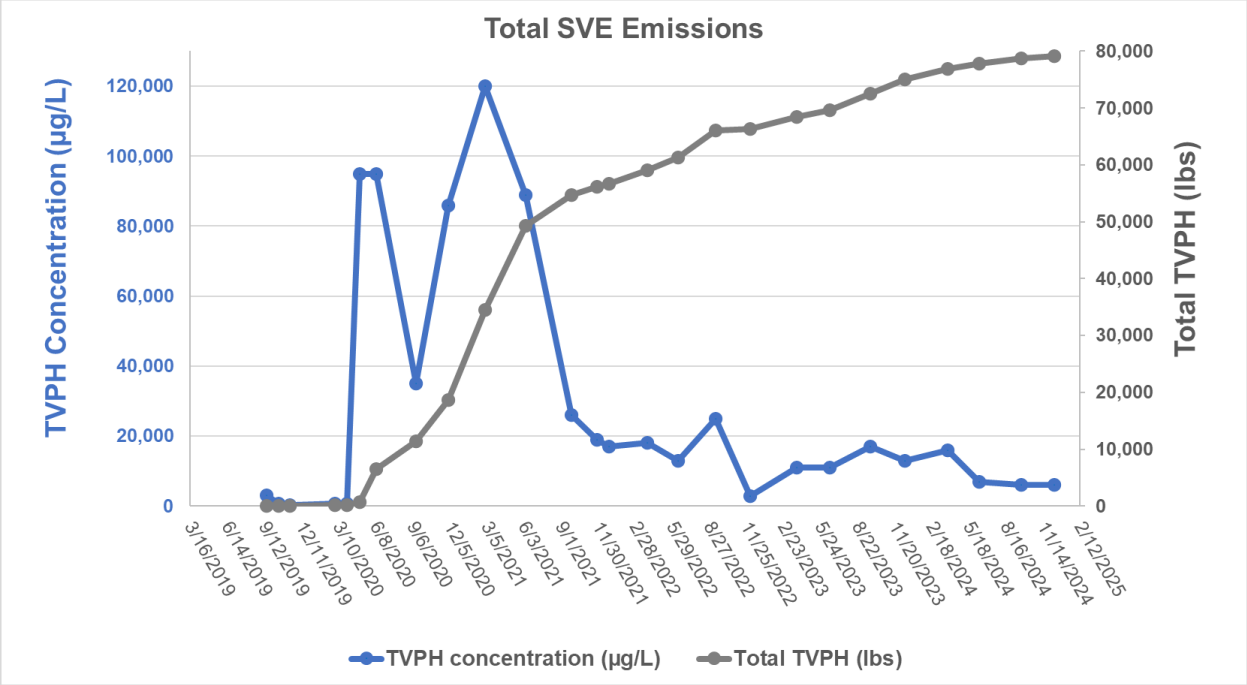
AIR EMISSIONS MONITORING

An initial air sample was collected on September 18, 2019, from the influent side of the blower on the SVE system. Subsequent air samples have been collected quarterly. The first 2024 fourth quarter air sample was collected November 14, 2024. Due to an insufficient sample volume to complete all requested analysis, and additional air sample was collected on December 12th, 2024 (Table 1). Samples were collected in 1-Liter Tedlar® bags via a high vacuum air sampler and submitted to Eurofins (formerly Hall Environmental Analysis Laboratory) in Albuquerque, New Mexico, for analyses of benzene, toluene, ethylbenzene, and total xylenes (BTEX) following United States Environmental Protection Agency (EPA) Method 8021B, volatile organic compounds (VOCs) following EPA Method 8260B, total volatile petroleum hydrocarbons (TVPH) following EPA Method 8015D, and oxygen and carbon dioxide following Gas Processors Association Method 2261. The laboratory analytical reports from the November and December 2024 sampling events are included as Appendix B.

Estimated air emissions were calculated using air sample data collected to date (Table 2). The impacted mass source removal via the solar SVE system to-date is estimated to be 79,171 pounds (lbs) (or 39.59 tons) of TVPH. An increase in TVPH mass removal was observed in May 2020 as a result of system optimization, through focusing system operation on the four SVE wells that were recovering vapor with the highest photoionization detector (PID) measurements (SVE03, SVE04, SVE05, and SVE06). After the reconfiguration in May 2020, there was a peak TVPH inlet concentration in March 2021 of 120,000 micrograms per liter (µg/L). Concentrations have since decreased and have generally ranged between 10,000 to 20,000 µg/L since 2022. In 2024, concentrations decreased from 16,000 µg/L in Q1 down to 6,000 µg/L in Q3

and Q4. Total mass removal has continued at a steady rate, as seen in the graph below, due to system repairs and optimization.

Since July 2024, operation was adjusted to focus on all SVE wells (SVE 01, SVE02, SVE03, SVE04, and SVE06) except SVE05, due to decreased headspace PID readings.



Notes:

TVPH – total volatile petroleum hydrocarbons
µg/L – micrograms per liter
lbs – pounds

The Q4 2024 TVPH emissions rate remained similar to the Q3 2024 rate, with a rate of approximately 0.566 pounds per hour (lbs/hr) or approximately 5.94 pounds per day, based on the average nominal daylight hours available, indicating the SVE system is still effectively remediating the Site. The mass removal rate will continue to be monitored to evaluate system effectiveness.

PLAN FOR NEXT QUARTER OF OPERATION

During the upcoming first quarter of 2025 operations, Ensolum will continue to visit the Site monthly to ensure a minimum of 90% runtime efficiency continues and any maintenance issues are addressed in a timely manner. An air sample will be collected in the first quarter of 2025 and analyzed for BTEX and TVPH. An updated quarterly report with sample results, runtime, and mass source removal will be submitted by April 15, 2025.

Quarterly air sampling and reporting will continue until the mass removal rate declines to an asymptotic level and indicates hydrocarbon impacts have been reduced at the Site to the maximum extent practicable. At that time, Ensolum will conduct additional soil sampling to investigate potential residual impacts and request closure if concentrations of BTEX and TPH are below the applicable Table I Closure Criteria as detailed in the approved *Remediation Work Plan,* dated May 28, 2019.

If the final delineation samples indicate hydrocarbon impacts have been remediated with chemicals of concern concentrations in compliance with the Table I Closure Criteria, Ensolum will

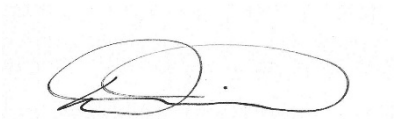
present the confirmation laboratory analysis data in a report and request closure of the release. Should the results indicate analytes in the soil exceed the Table I Closure Criteria, Ensolum will either make operational adjustments and restart the SVE system based on the results of the investigation or develop an alternative remedial approach to reach Site closure.

Ensolum appreciates the opportunity to provide this report to the NMOCD. If you have any questions or comments regarding this update, do not hesitate to contact Reece Hanson at (970) 210-9803 or via email at rhanson@ensolum.com or Jennifer Deal at (505) 324-5128 or at jdeal@harvestmidstream.com.

Sincerely,

ENSOLUM, LLC

Reece Hanson
Project Geologist



Daniel R. Moir, PG (licensed in WY & TX)
Senior Managing Geologist

APPENDICES

Figure 1 – Site Location Map
Figure 2 – SVE System Layout
Table 1 – SVE System Emissions Analytical Results
Table 2 – SVE Mass Removal & Emissions Summary
Appendix A – Photographic Log
Appendix B – Laboratory Analytical Reports

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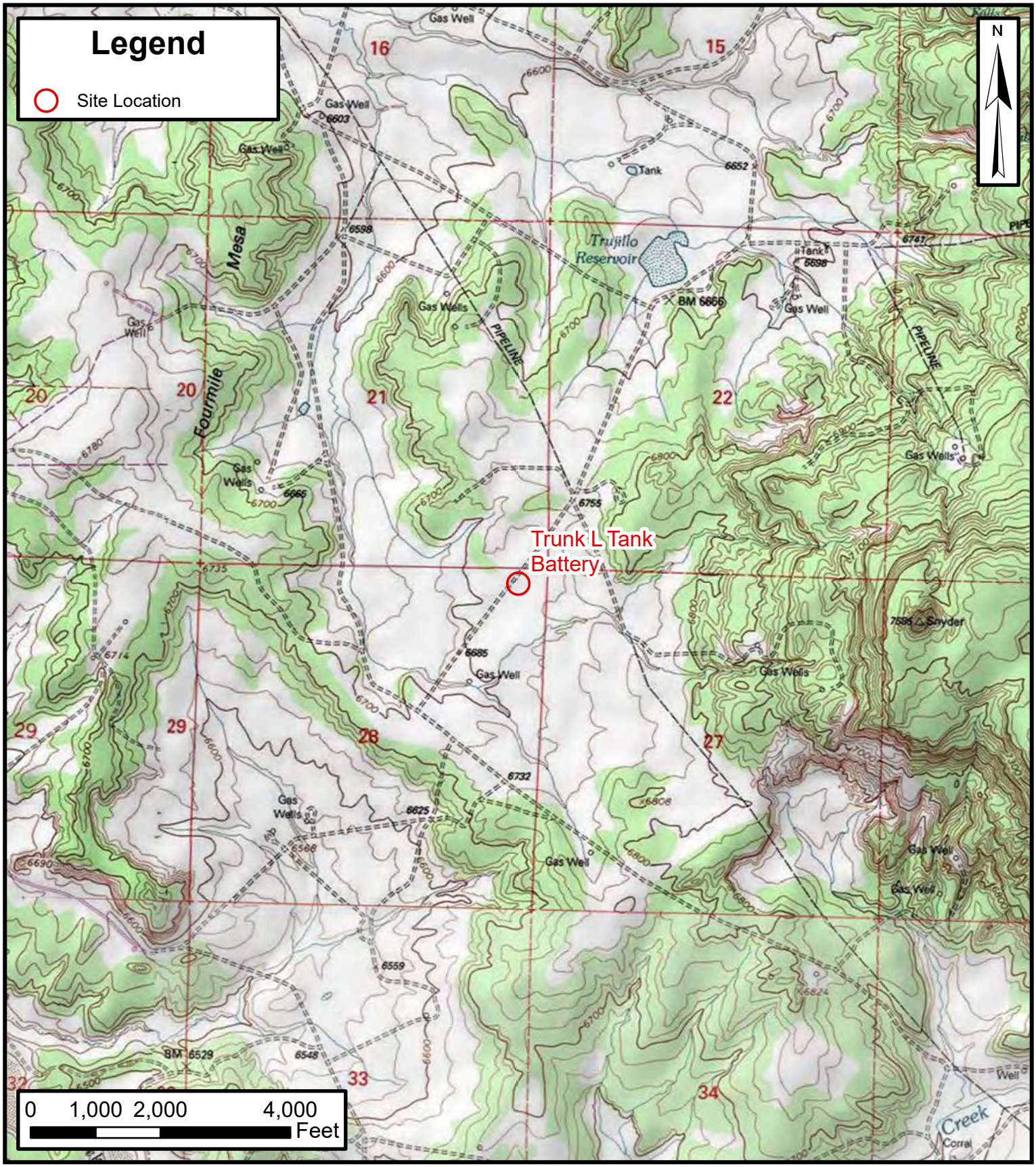
FIGURES



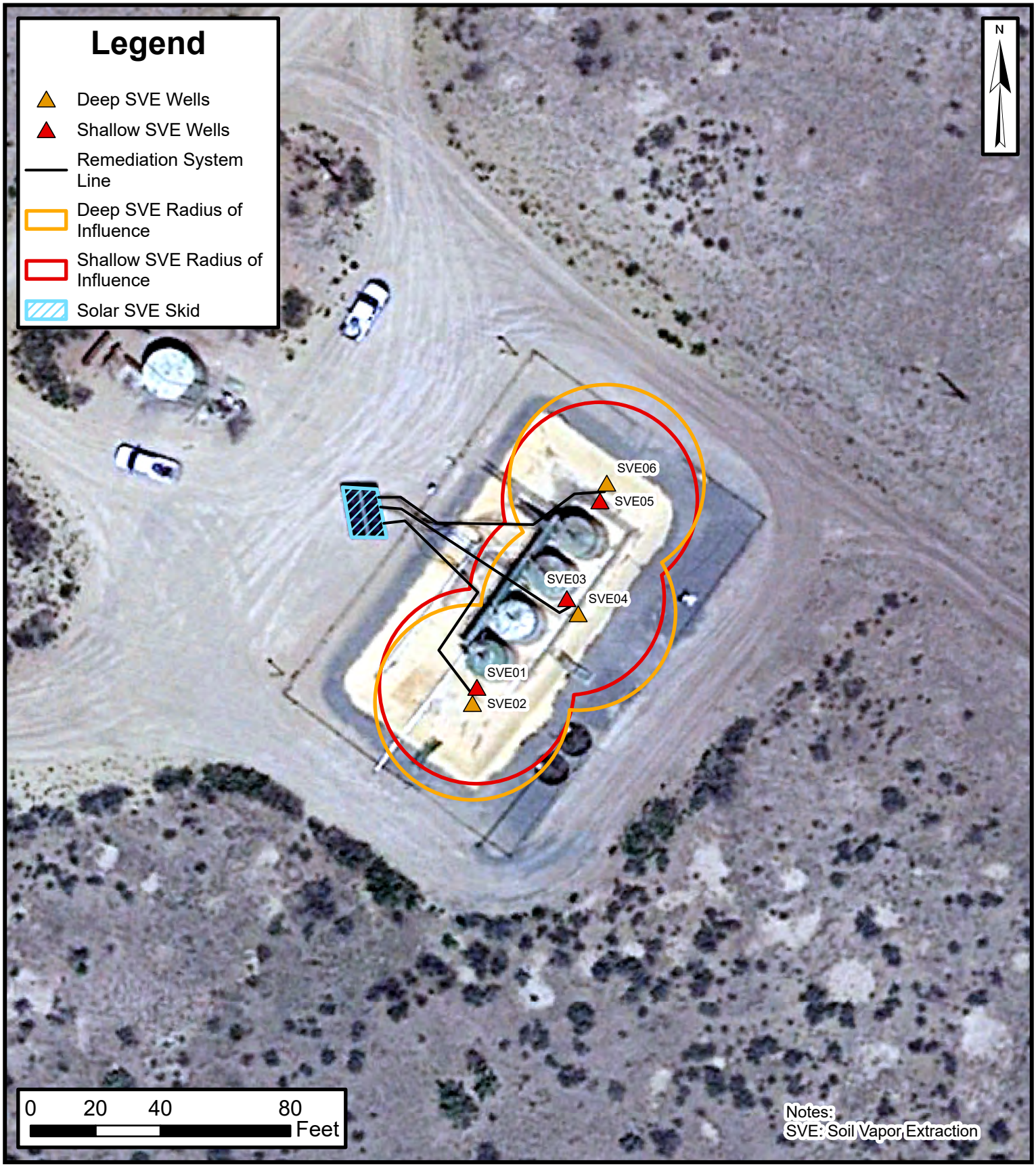
Site Location Map

Trunk L Tank Battery
Harvest Four Corners, LLC
36.638705, -107.357047
Rio Arriba County, New Mexico

FIGURE
1

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Sources: Environmental Systems Research Institute (ESRI), National Geographic Society, i-cubed



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SVE System Layout

Trunk L Tank Battery
Harvest Four Corners, LLC
36.638705, -107.357047
Rio Arriba County, New Mexico

FIGURE
2

Sources: Environmental Systems Research Institute (ESRI), Google Earth

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TABLES

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TABLE 1
SOIL VAPOR EXTRACTION SYSTEM EMISSIONS ANALYTICAL RESULTS
Trunk L Tank Battery
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Date	PID (ppm)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TVPH/GRO (µg/L)
9/18/2019	946	1,000	1,500	50	550	NA
10/18/2019	931	250	410	6.5	74	NA
11/14/2019	578	1.8	4.3	0.19	1.7	250
3/3/2020	868	3.9	22	1.3	13	760
5/1/2020	913	610	1,500	58	570	95,000
6/10/2020	1,527	640	1,600	56	530	95,000
9/15/2020	1,077	180	840	24	230	35,000
12/2/2020	1,320	380	1,100	23	270	86,000
3/1/2021	1,469	440	2,100	110	1,100	120,000
6/8/2021	1,380	300	1,200	42	380	89,000
9/28/2021	916	150	230	*<10*	49	26,000
11/29/2021	573	78	280	9.1	84	19,000
12/27/2021	NA	120	240	*<5.0*	47	17,000
3/31/2022	406	76	210	*5.5*	47	18,000
6/13/2022	736	65	190	*<5.0*	51	13,000
9/13/2022	1,640	62	170	*<5.0*	33	25,000
12/5/2022	4,561	15	54	*<5.0*	13	2,900
3/28/2023	1,296	27	89	5.8	57	11,000
6/16/2023	1,263	22	63	*<5.0*	39	11,000
9/22/2023	1,238	47	160	5.1	110	17,000
12/15/2023	1,387	36	100	7.1	61	13,000
3/28/2024	1,085	40	120	7.8	86	16,000
6/13/2024	502	18	29	1.7	9	6,900
9/23/2024	365	15	36	3.0	29	6,000
11/14/2024	NA	18	36	2.6	27	6,000

Notes:

NA: Not analyzed

µg/L: microgram per liter

PID: photoionization detector

ppm: parts per million

GRO: gasoline range organics

TVPH: total volatile petroleum hydrocarbons

Italics denote that the laboratory method detection limit was reported

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TABLE 2
SOIL VAPOR EXTRACTION MASS REMOVAL AND EMISSIONS
Trunk L Tank Battery
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

		Laboratory Analysis				
Date	PID (ppm)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TVPH (µg/L)
9/18/2019*	1,435	1,000	1,500	50	550	3,013
10/18/2019*	931	250	410	6.5	74	744
11/14/2019	578	1.8	4.3	0.19	1.7	250
3/3/2020	868	3.9	22	1.3	13	760
4/1/2020**	838	3.7	21	1.2	12	733
5/1/2020	913	610	1,500	58	570	95,000
6/10/2020	1,527	640	1,600	56	530	95,000
9/15/2020	1,077	180	840	24	230	35,000
12/2/2020	1,320	380	1,100	23	270	86,000
3/1/2021	1,469	440	2,100	110	1,100	120,000
6/8/2021	1,380	300	1,200	42	380	89,000
9/28/2021	916	150	230	*10*	49	26,000
11/29/2021	573	78	280	9.1	84	19,000
12/27/2021	--	120	240	*5.0*	47	17,000
3/31/2022	406	76	210	5.5	47	18,000
6/13/2022	736	65	190	*5.0*	51	13,000
9/13/2022	1,640	62	170	*5.0*	33	25,000
12/5/2022	4,561	15	54	*5.0*	13	2,900
3/28/2023	1,296	27	89	5.8	57	11,000
6/16/2023	1,263	22	63	*5.0*	39	11,000
9/22/2023	1,238	47	160	5.1	110	17,000
12/15/2023	1,387	36	100	7.1	61	13,000
3/28/2024	1,085	40	120	7.8	86	16,000
6/13/2024	502	18	29	1.7	9	6,900
9/23/2024	365	15	36	3.0	29	6,000
11/14/2024	--	18	36	2.6	27	6,000
Average	1,179	177	473	17	172	28,204

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TABLE 2
SOIL VAPOR EXTRACTION MASS REMOVAL AND EMISSIONS
Trunk L Tank Battery
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Vapor Extraction Summary

Date	Flow Rate (cfm)	Total System Flow (cf)	Delta Flow (cf)	Benzene (lb/hr)	Toluene (lb/hr)	Ethylbenzene (lb/hr)	Total Xylenes (lb/hr)	TVPH (lb/hr)
9/18/2019	33.7	3,033	3,033	0.1262	0.1892	0.0063	0.0694	0.3801
10/18/2019	37.8	723,303	720,270	0.0353	0.0579	0.0009	0.0105	0.1051
11/14/2019	38.0	1,334,343	611,040	0.0003	0.0006	0.0000	0.0002	0.0356
3/3/2020	21.3	2,898,866	1,564,523	0.0003	0.0018	0.0001	0.0010	0.0605
4/1/2020	21.3	3,795,613	896,747	0.0003	0.0017	0.0001	0.0010	0.0583
5/1/2020	39.2	3,882,637	87,024	0.0895	0.2201	0.0085	0.0836	13.9404
6/10/2020	29.3	4,869,885	987,248	0.0703	0.1757	0.0061	0.0582	10.4304
9/15/2020	27.8	7,089,263	2,219,378	0.0187	0.0873	0.0025	0.0239	3.6384
12/2/2020	26.6	8,447,393	1,358,130	0.0379	0.1097	0.0023	0.0269	8.5730
3/1/2021	40.0	10,571,393	2,124,000	0.0659	0.3144	0.0165	0.1647	17.9683
6/8/2021	34.2	13,226,681	2,655,288	0.0384	0.1536	0.0054	0.0486	11.3941
9/28/2021	37.0	16,596,641	3,369,960	0.0208	0.0319	*0.0014*	0.0068	3.6011
11/29/2021	28.7	17,746,416	1,149,775	0.0084	0.0301	0.0010	0.0090	2.0434
12/27/2021	30.4	18,233,905	487,489	0.0137	0.0273	*0.0006*	0.0054	1.9365
3/31/2022	36.0	20,402,545	2,168,640	0.0102	0.0283	0.0007	0.0063	2.4257
6/13/2022	46.0	23,209,465	2,806,920	0.0112	0.0327	*0.0009*	0.0088	2.2385
9/13/2022	40.0	26,214,265	3,004,800	0.0093	0.0255	*0.0007*	0.0049	3.7434
12/5/2022	31.0	27,901,285	1,687,020	0.0017	0.0063	*0.0006*	0.0015	0.3365
3/28/2023	42.0	30,864,805	2,963,520	0.0042	0.0140	0.0009	0.0090	1.7294
6/16/2023	27.0	32,607,925	1,743,120	0.0022	0.0064	*0.0005*	0.0039	1.1118
9/22/2023	35.0	35,415,625	2,807,700	0.0062	0.0210	0.0007	0.0144	2.2273
12/15/2023	56.0	38,429,545	3,013,920	0.0075	0.0210	0.0015	0.0128	2.7252
3/28/2024	30.0	40,380,745	1,951,200	0.0045	0.0135	0.0009	0.0097	1.7968
6/13/2024	30.3	42,287,827	1,907,082	0.0020	0.0033	0.0002	0.0010	0.7826
9/23/2024	29.3	44,722,657	2,434,830	0.0016	0.0039	0.0003	0.0032	0.6581
12/12/2024	25.2	46,012,393	1,289,736	0.0017	0.0034	0.0002	0.0025	0.5660
			Average	0.02	0.06	0.002	0.02	3.63

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TABLE 2
SOIL VAPOR EXTRACTION MASS REMOVAL AND EMISSIONS
Trunk L Tank Battery
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Mass Recovery

Date	Total SVE System Hours	Delta Hours	Benzene (pounds)	Toluene (pounds)	Ethylbenzene (pounds)	Total Xylenes (pounds)	TVPH (pounds)	TVPH (tons)
9/18/2019	1.5	1.5	0.2	0.3	0.0	0.1	0.6	0.000
10/18/2019	319.5	318	11.2	18.4	0.3	3.3	33.4	0.017
11/14/2019	587.5	268	0.1	0.2	0.0	0.1	9.5	0.005
3/3/2020	1,814	1,226.5	0.4	2.1	0.1	1.3	74.2	0.037
4/1/2020	2,517	703	0.2	1.2	0.1	0.7	41.0	0.021
5/1/2020	2,554	37	3.3	8.1	0.3	3.1	515.8	0.258
6/10/2020	3,115	561	39.4	98.6	3.4	32.6	5,851	2.926
9/15/2020	4,447	1,332	24.9	116.3	3.3	31.8	4,846	2.423
12/2/2020	5,297	850	32.2	93.2	1.9	22.9	7,287	3.644
3/1/2021	6,182	885	58.3	278.3	14.6	145.8	15,902	7.951
6/8/2021	7,476	1,294	49.7	198.8	7.0	63.0	14,744	7.372
9/28/2021	8,994	1,518	31.5	48.4	2.1	10.3	5,467	2.733
11/29/2021	9,661	667	5.6	20.1	0.7	6.0	1,363	0.681
12/27/2021	9,928	267	3.6	7.3	0.2	1.4	517.0	0.259
3/31/2022	10,932	1,004	10.3	28.4	0.7	6.4	2,435	1.218
6/13/2022	11,949	1,017	11.4	33.3	0.9	8.9	2,277	1.138
9/13/2022	13,201	1,252	11.6	31.9	0.9	6.2	4,687	2.343
12/5/2022	14,108	907	1.6	5.7	0.5	1.4	305	0.153
3/28/2023	15,284	1,176	5.0	16.5	1.1	10.5	2,034	1.017
6/16/2023	16,360	1,076	2.4	6.9	0.5	4.2	1,196	0.598
9/22/2023	17,697	1,337	8.2	28.0	0.9	19.3	2,978	1.489
12/15/2023	18,594	897	6.8	18.8	1.3	11.5	2,444	1.222
3/28/2024	19,678	1,084	4.9	14.6	0.9	10.5	1,948	0.974
6/13/2024	20,727	1,049	2.1	3.5	0.2	1.1	821	0.410
9/23/2024	22,112	1,385	2.3	5.5	0.5	4.4	911	0.456
12/12/2024	22,965	853	1.4	2.9	0.2	2.2	483	0.241
Total Mass Recovery to Date			328.7	1,087.0	42.7	408.9	79,171.3	39.59

Notes:

* - TVPH data extrapolated from PID values

** - Analytical data extrapolated from PID values

BTEX - benzene, toluene, ethylbenzene, total xylenes

cf - cubic feet

cfm - cubic feet per minute

lbs - pounds

lb/hr - pounds per hour

µg/L - microgram per liter

PID - photoionization detector

ppm - parts per million

TVPH - total volatile petroleum hydrocarbons

VOC - volatile organic compounds

VOC Mass Removed (lbs) = Influent VOCs (mg/m^3) * *Air Flow Rates (cfm) * (1 m^3/35.3147 ft^3) * (1 lb/453,592 mg) * Time Period (min)*

Italics denote that the laboratory method detection limit was used for calculations for a non-detected result

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APPENDIX A

Photographic Log

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Environmental, Engineering and Hydrogeologic Consultants

Photographic Log
Trunk L Tank Battery
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Photo #1
SVE Hours Reading 10/11/2024

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Photographic Log
Trunk L Tank Battery
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Photo #2
SVE Hours Reading 11/14/2024

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Photographic Log
Trunk L Tank Battery
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Photo #3
SVE Control Panel 12/12/2024

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APPENDIX B

Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/20/2024 12:48:33 PM

JOB DESCRIPTION

Trunk L

JOB NUMBER

885-15456-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

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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11/20/2024 12:48:33 PM

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

Client: Harvest
Project/Site: Trunk L

Laboratory Job ID: 885-15456-1

Table of Contents

Definitions/Glossary

Client: Harvest Job ID: 885-15456-1
Project/Site: Trunk L

Glossary

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

Case Narrative

Client: Harvest
Project: Trunk L

Job ID: 885-15456-1

Job ID: 885-15456-1 Eurofins Albuquerque

Job Narrative
885-15456-1

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

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

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

Receipt
The sample was received on 11/16/2024 6:20 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

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

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

Client Sample Results

Client: Harvest
Project/Site: Trunk L

Job ID: 885-15456-1

Client Sample ID: Inf 11-14 Trunk L

Lab Sample ID: 885-15456-1

Date Collected: 11/14/24 14:00
Matrix: Air
Date Received: 11/16/24 06:20
Sample Container: Tedlar Bag 1L

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	6000		50		ug/L			11/18/24 11:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*		*15 - 412*		*11/18/24 11:57*	*10*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	18		1.0		ug/L			11/18/24 11:57	10
Ethylbenzene	2.6		1.0		ug/L			11/18/24 11:57	10
Toluene	36		1.0		ug/L			11/18/24 11:57	10
Xylenes, Total	27		2.0		ug/L			11/18/24 11:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*		*11/18/24 11:57*	*10*

QC Sample Results

Client: Harvest
Project/Site: Trunk L

Job ID: 885-15456-1

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

Lab Sample ID: MB 885-16097/6
Matrix: Air
Analysis Batch: 16097

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		ug/L			11/18/24 11:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*15 - 412*		*11/18/24 11:32*	*1*

Lab Sample ID: LCS 885-16097/4
Matrix: Air
Analysis Batch: 16097

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			50.0	48.0		ug/L		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*204*		*15 - 412*

Lab Sample ID: 885-15456-1 DU
Matrix: Air
Analysis Batch: 16097

Client Sample ID: Inf 11-14 Trunk L
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	6000			6110		ug/L				2	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*133*		*15 - 412*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-16098/6
Matrix: Air
Analysis Batch: 16098

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.10		ug/L			11/18/24 11:32	1
Ethylbenzene	ND		0.10		ug/L			11/18/24 11:32	1
Toluene	ND		0.10		ug/L			11/18/24 11:32	1
Xylenes, Total	ND		0.20		ug/L			11/18/24 11:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*11/18/24 11:32*	*1*

Lab Sample ID: LCS 885-16098/5
Matrix: Air
Analysis Batch: 16098

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			2.00	2.11		ug/L		106	70 - 130		

QC Sample Results

Client: Harvest
Project/Site: Trunk L

Job ID: 885-15456-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-16098/5
Matrix: Air
Analysis Batch: 16098

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethylbenzene			2.00	2.21		ug/L		111	70 - 130		
m&p-Xylene			4.00	4.33		ug/L		108	70 - 130		
o-Xylene			2.00	2.16		ug/L		108	70 - 130		
Toluene			2.00	2.19		ug/L		110	70 - 130		
Xylenes, Total			6.00	6.49		ug/L		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: 885-15456-1 DU
Matrix: Air
Analysis Batch: 16098

Client Sample ID: Inf 11-14 Trunk L
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Benzene	18			18.4		ug/L				0.1	20
Ethylbenzene	2.6			2.70		ug/L				4	20
Toluene	36			36.3		ug/L				1	20
Xylenes, Total	27			27.6		ug/L				3	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*

QC Association Summary

Client: Harvest
Project/Site: Trunk L

Job ID: 885-15456-1

GC VOA

Analysis Batch: 16097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15456-1	Inf 11-14 Trunk L	Total/NA	Air	8015M/D	
MB 885-16097/6	Method Blank	Total/NA	Air	8015M/D	
LCS 885-16097/4	Lab Control Sample	Total/NA	Air	8015M/D	
885-15456-1 DU	Inf 11-14 Trunk L	Total/NA	Air	8015M/D	

Analysis Batch: 16098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15456-1	Inf 11-14 Trunk L	Total/NA	Air	8021B	
MB 885-16098/6	Method Blank	Total/NA	Air	8021B	
LCS 885-16098/5	Lab Control Sample	Total/NA	Air	8021B	
885-15456-1 DU	Inf 11-14 Trunk L	Total/NA	Air	8021B	

Lab Chronicle

Client: Harvest
Project/Site: Trunk L

Job ID: 885-15456-1

Client Sample ID: Inf 11-14 Trunk L

Date Collected: 11/14/24 14:00
Date Received: 11/16/24 06:20

Lab Sample ID: 885-15456-1

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015M/D		10	16097	JP	EET ALB	11/18/24 11:57
Total/NA	Analysis	8021B		10	16098	JP	EET ALB	11/18/24 11:57

Laboratory References:

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

Accreditation/Certification Summary

Client: Harvest
Project/Site: Trunk L

Job ID: 885-15456-1

Laboratory: Eurofins Albuquerque

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8015M/D		Air	Gasoline Range Organics [C6 - C10]
8021B		Air	Benzene
8021B		Air	Ethylbenzene
8021B		Air	Toluene
8021B		Air	Xylenes, Total

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
8015M/D		Air	Gasoline Range Organics [C6 - C10]
8021B		Air	Benzene
8021B		Air	Ethylbenzene
8021B		Air	Toluene
8021B		Air	Xylenes, Total

Chain-of-Custody Record

Client: Harvest

Monica Smith

Mailing Address:

Phone #:

email or Fax#: ms.smith@harvestmidstream.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☒ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Trunk L

Project #:

Project Manager: Reece Hanson - Ensolum

Sampler: E. Carroll

On Ice: ☒ Yes ☐ No Yogi

# of Coolers: 1

Cooler Temp(including CF): 3.2 -0.1=3.1 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-15456 COC

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)	O_2 CO_2
11-14	1400	Air	TNF 11-14 Trunk L	2 Teflar			X	X									X

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11-15	1527	Eric Carroll	[signature]		11/15/24	1527
11/15/24	1730	[signature]	[signature]	courier	11/16/24	6:20

Remarks:

cc: ecarroll@ensolum.com

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: 885-15456-1

Login Number: 15456 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Proctor, Nancy

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Trunk L

JOB NUMBER

885-16955-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

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

Client: Harvest
Project/Site: Trunk L

Laboratory Job ID: 885-16955-1

Table of Contents

Definitions/Glossary

Client: Harvest Job ID: 885-16955-1
Project/Site: Trunk L

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

Glossary

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

Case Narrative

Client: Harvest
Project: Trunk L

Job ID: 885-16955-1

Job ID: 885-16955-1 Eurofins Albuquerque

Job Narrative
885-16955-1

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

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

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

Receipt
The sample was received on 12/13/2024 6:35 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

Subcontract Work
Method Fixed Gases - Energy Lab: This method was subcontracted to Energy Laboratories, Inc. The subcontract laboratory certification is 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.

Client Sample Results

Client: Harvest
Project/Site: Trunk L

Job ID: 885-16955-1

Client Sample ID: Influent 121224

Lab Sample ID: 885-16955-1

Date Collected: 12/12/24 14:40
Matrix: Air
Date Received: 12/13/24 06:35
Sample Container: Tedlar Bag 1L

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/L			12/23/24 13:58	50
1,1,1-Trichloroethane	ND		5.0		ug/L			12/23/24 13:58	50
1,1,2,2-Tetrachloroethane	ND		10		ug/L			12/23/24 13:58	50
1,1,2-Trichloroethane	ND		5.0		ug/L			12/23/24 13:58	50
1,1-Dichloroethane	ND		5.0		ug/L			12/23/24 13:58	50
1,1-Dichloroethene	ND		5.0		ug/L			12/23/24 13:58	50
1,1-Dichloropropene	ND		5.0		ug/L			12/23/24 13:58	50
1,2,3-Trichlorobenzene	ND		5.0		ug/L			12/23/24 13:58	50
1,2,3-Trichloropropane	ND		10		ug/L			12/23/24 13:58	50
1,2,4-Trichlorobenzene	ND		5.0		ug/L			12/23/24 13:58	50
1,2,4-Trimethylbenzene	ND		5.0		ug/L			12/23/24 13:58	50
1,2-Dibromo-3-Chloropropane	ND		10		ug/L			12/23/24 13:58	50
1,2-Dibromoethane (EDB)	ND		5.0		ug/L			12/23/24 13:58	50
1,2-Dichlorobenzene	ND		5.0		ug/L			12/23/24 13:58	50
1,2-Dichloroethane (EDC)	ND		5.0		ug/L			12/23/24 13:58	50
1,2-Dichloropropane	ND		5.0		ug/L			12/23/24 13:58	50
1,3,5-Trimethylbenzene	ND		5.0		ug/L			12/23/24 13:58	50
1,3-Dichlorobenzene	ND		5.0		ug/L			12/23/24 13:58	50
1,3-Dichloropropane	ND		5.0		ug/L			12/23/24 13:58	50
1,4-Dichlorobenzene	ND		5.0		ug/L			12/23/24 13:58	50
1-Methylnaphthalene	ND		20		ug/L			12/23/24 13:58	50
2,2-Dichloropropane	ND		10		ug/L			12/23/24 13:58	50
2-Butanone	ND		50		ug/L			12/23/24 13:58	50
2-Chlorotoluene	ND		5.0		ug/L			12/23/24 13:58	50
2-Hexanone	ND	*+	50		ug/L			12/23/24 13:58	50
2-Methylnaphthalene	ND		20		ug/L			12/23/24 13:58	50
4-Chlorotoluene	ND		5.0		ug/L			12/23/24 13:58	50
4-Isopropyltoluene	ND		5.0		ug/L			12/23/24 13:58	50
4-Methyl-2-pentanone	ND		50		ug/L			12/23/24 13:58	50
Acetone	ND	*+	50		ug/L			12/23/24 13:58	50
Benzene	**7.6**		5.0		ug/L			12/23/24 13:58	50
Bromobenzene	ND		5.0		ug/L			12/23/24 13:58	50
Bromodichloromethane	ND		5.0		ug/L			12/23/24 13:58	50
Dibromochloromethane	ND		5.0		ug/L			12/23/24 13:58	50
Bromoform	ND		5.0		ug/L			12/23/24 13:58	50
Bromomethane	ND		15		ug/L			12/23/24 13:58	50
Carbon disulfide	ND		50		ug/L			12/23/24 13:58	50
Carbon tetrachloride	ND		5.0		ug/L			12/23/24 13:58	50
Chlorobenzene	ND		5.0		ug/L			12/23/24 13:58	50
Chloroethane	ND	*+	10		ug/L			12/23/24 13:58	50
Chloroform	ND		5.0		ug/L			12/23/24 13:58	50
Chloromethane	ND	*+	15		ug/L			12/23/24 13:58	50
cis-1,2-Dichloroethene	ND		5.0		ug/L			12/23/24 13:58	50
cis-1,3-Dichloropropene	ND		5.0		ug/L			12/23/24 13:58	50
Dibromomethane	ND		5.0		ug/L			12/23/24 13:58	50
Dichlorodifluoromethane	ND		5.0		ug/L			12/23/24 13:58	50
Ethylbenzene	ND		5.0		ug/L			12/23/24 13:58	50
Hexachlorobutadiene	ND		5.0		ug/L			12/23/24 13:58	50

Client Sample Results

Client: Harvest
Project/Site: Trunk L

Job ID: 885-16955-1

Client Sample ID: Influent 121224

Lab Sample ID: 885-16955-1

Date Collected: 12/12/24 14:40
Matrix: Air
Date Received: 12/13/24 06:35
Sample Container: Tedlar Bag 1L

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		5.0		ug/L			12/23/24 13:58	50
Methyl-tert-butyl Ether (MTBE)	ND		5.0		ug/L			12/23/24 13:58	50
Methylene Chloride	ND	*+	15		ug/L			12/23/24 13:58	50
n-Butylbenzene	ND		15		ug/L			12/23/24 13:58	50
N-Propylbenzene	ND		5.0		ug/L			12/23/24 13:58	50
Naphthalene	ND		10		ug/L			12/23/24 13:58	50
sec-Butylbenzene	ND		5.0		ug/L			12/23/24 13:58	50
Styrene	ND		5.0		ug/L			12/23/24 13:58	50
tert-Butylbenzene	ND		5.0		ug/L			12/23/24 13:58	50
Tetrachloroethene (PCE)	ND		5.0		ug/L			12/23/24 13:58	50
Toluene	**6.8**		5.0		ug/L			12/23/24 13:58	50
trans-1,2-Dichloroethene	ND		5.0		ug/L			12/23/24 13:58	50
trans-1,3-Dichloropropene	ND		5.0		ug/L			12/23/24 13:58	50
Trichloroethene (TCE)	ND		5.0		ug/L			12/23/24 13:58	50
Trichlorofluoromethane	ND		5.0		ug/L			12/23/24 13:58	50
Vinyl chloride	ND		5.0		ug/L			12/23/24 13:58	50
Xylenes, Total	ND		7.5		ug/L			12/23/24 13:58	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 130*		*12/23/24 13:58*	*50*
Toluene-d8 (Surr)	*101*		*70 - 130*		*12/23/24 13:58*	*50*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*12/23/24 13:58*	*50*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*12/23/24 13:58*	*50*

QC Sample Results

Client: Harvest
Project/Site: Trunk L

Job ID: 885-16955-1

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

Lab Sample ID: MB 885-18316/8
Matrix: Air
Analysis Batch: 18316

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			12/23/24 13:33	1
1,1,1-Trichloroethane	ND		1.0		ug/L			12/23/24 13:33	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			12/23/24 13:33	1
1,1,2-Trichloroethane	ND		1.0		ug/L			12/23/24 13:33	1
1,1-Dichloroethane	ND		1.0		ug/L			12/23/24 13:33	1
1,1-Dichloroethene	ND		1.0		ug/L			12/23/24 13:33	1
1,1-Dichloropropene	ND		1.0		ug/L			12/23/24 13:33	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			12/23/24 13:33	1
1,2,3-Trichloropropane	ND		2.0		ug/L			12/23/24 13:33	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			12/23/24 13:33	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			12/23/24 13:33	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			12/23/24 13:33	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			12/23/24 13:33	1
1,2-Dichlorobenzene	ND		1.0		ug/L			12/23/24 13:33	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			12/23/24 13:33	1
1,2-Dichloropropane	ND		1.0		ug/L			12/23/24 13:33	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			12/23/24 13:33	1
1,3-Dichlorobenzene	ND		1.0		ug/L			12/23/24 13:33	1
1,3-Dichloropropane	ND		1.0		ug/L			12/23/24 13:33	1
1,4-Dichlorobenzene	ND		1.0		ug/L			12/23/24 13:33	1
1-Methylnaphthalene	ND		4.0		ug/L			12/23/24 13:33	1
2,2-Dichloropropane	ND		2.0		ug/L			12/23/24 13:33	1
2-Butanone	ND		10		ug/L			12/23/24 13:33	1
2-Chlorotoluene	ND		1.0		ug/L			12/23/24 13:33	1
2-Hexanone	ND		10		ug/L			12/23/24 13:33	1
2-Methylnaphthalene	ND		4.0		ug/L			12/23/24 13:33	1
4-Chlorotoluene	ND		1.0		ug/L			12/23/24 13:33	1
4-Isopropyltoluene	ND		1.0		ug/L			12/23/24 13:33	1
4-Methyl-2-pentanone	ND		10		ug/L			12/23/24 13:33	1
Acetone	ND		10		ug/L			12/23/24 13:33	1
Benzene	ND		1.0		ug/L			12/23/24 13:33	1
Bromobenzene	ND		1.0		ug/L			12/23/24 13:33	1
Bromodichloromethane	ND		1.0		ug/L			12/23/24 13:33	1
Dibromochloromethane	ND		1.0		ug/L			12/23/24 13:33	1
Bromoform	ND		1.0		ug/L			12/23/24 13:33	1
Bromomethane	ND		3.0		ug/L			12/23/24 13:33	1
Carbon disulfide	ND		10		ug/L			12/23/24 13:33	1
Carbon tetrachloride	ND		1.0		ug/L			12/23/24 13:33	1
Chlorobenzene	ND		1.0		ug/L			12/23/24 13:33	1
Chloroethane	ND		2.0		ug/L			12/23/24 13:33	1
Chloroform	ND		1.0		ug/L			12/23/24 13:33	1
Chloromethane	ND		3.0		ug/L			12/23/24 13:33	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			12/23/24 13:33	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			12/23/24 13:33	1
Dibromomethane	ND		1.0		ug/L			12/23/24 13:33	1
Dichlorodifluoromethane	ND		1.0		ug/L			12/23/24 13:33	1
Ethylbenzene	ND		1.0		ug/L			12/23/24 13:33	1
Hexachlorobutadiene	ND		1.0		ug/L			12/23/24 13:33	1

QC Sample Results

Client: Harvest
Project/Site: Trunk L

Job ID: 885-16955-1

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

Lab Sample ID: MB 885-18316/8
Matrix: Air
Analysis Batch: 18316

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0		ug/L			12/23/24 13:33	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			12/23/24 13:33	1
Methylene Chloride	ND		3.0		ug/L			12/23/24 13:33	1
n-Butylbenzene	ND		3.0		ug/L			12/23/24 13:33	1
N-Propylbenzene	ND		1.0		ug/L			12/23/24 13:33	1
Naphthalene	ND		2.0		ug/L			12/23/24 13:33	1
sec-Butylbenzene	ND		1.0		ug/L			12/23/24 13:33	1
Styrene	ND		1.0		ug/L			12/23/24 13:33	1
tert-Butylbenzene	ND		1.0		ug/L			12/23/24 13:33	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			12/23/24 13:33	1
Toluene	ND		1.0		ug/L			12/23/24 13:33	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			12/23/24 13:33	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			12/23/24 13:33	1
Trichloroethene (TCE)	ND		1.0		ug/L			12/23/24 13:33	1
Trichlorofluoromethane	ND		1.0		ug/L			12/23/24 13:33	1
Vinyl chloride	ND		1.0		ug/L			12/23/24 13:33	1
Xylenes, Total	ND		1.5		ug/L			12/23/24 13:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*70 - 130*		*12/23/24 13:33*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*12/23/24 13:33*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*12/23/24 13:33*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*12/23/24 13:33*	*1*

Lab Sample ID: LCS 885-18316/5
Matrix: Air
Analysis Batch: 18316

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	17.9		ug/L		89	70 - 130		
Benzene			20.0	20.3		ug/L		101	70 - 130		
Chlorobenzene			20.0	19.9		ug/L		99	70 - 130		
Ethylbenzene			20.0	19.2		ug/L		96	70 - 130		
Toluene			20.0	19.3		ug/L		96	70 - 130		
Trichloroethene (TCE)			20.0	19.0		ug/L		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*

Lab Sample ID: 885-16955-1 DU
Matrix: Air
Analysis Batch: 18316

Client Sample ID: Influent 121224
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND			ND		ug/L				NC	20

QC Sample Results

Client: Harvest
Project/Site: Trunk L

Job ID: 885-16955-1

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

Lab Sample ID: 885-16955-1 DU
Matrix: Air
Analysis Batch: 18316

Client Sample ID: Influent 121224
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,1,1-Trichloroethane	ND			ND		ug/L				NC	20
1,1,2,2-Tetrachloroethane	ND			ND		ug/L				NC	20
1,1,2-Trichloroethane	ND			ND		ug/L				NC	20
1,1-Dichloroethane	ND			ND		ug/L				NC	20
1,1-Dichloroethene	ND			ND		ug/L				NC	20
1,1-Dichloropropene	ND			ND		ug/L				NC	20
1,2,3-Trichlorobenzene	ND			ND		ug/L				NC	20
1,2,3-Trichloropropane	ND			ND		ug/L				NC	20
1,2,4-Trichlorobenzene	ND			ND		ug/L				NC	20
1,2,4-Trimethylbenzene	ND			ND		ug/L				NC	20
1,2-Dibromo-3-Chloropropane	ND			ND		ug/L				NC	20
1,2-Dibromoethane (EDB)	ND			ND		ug/L				NC	20
1,2-Dichlorobenzene	ND			ND		ug/L				NC	20
1,2-Dichloroethane (EDC)	ND			ND		ug/L				NC	20
1,2-Dichloropropane	ND			ND		ug/L				NC	20
1,3,5-Trimethylbenzene	ND			ND		ug/L				NC	20
1,3-Dichlorobenzene	ND			ND		ug/L				NC	20
1,3-Dichloropropane	ND			ND		ug/L				NC	20
1,4-Dichlorobenzene	ND			ND		ug/L				NC	20
1-Methylnaphthalene	ND			ND		ug/L				NC	20
2,2-Dichloropropane	ND			ND		ug/L				NC	20
2-Butanone	ND			ND		ug/L				NC	20
2-Chlorotoluene	ND			ND		ug/L				NC	20
2-Hexanone	ND	*+		ND	*+	ug/L				NC	20
2-Methylnaphthalene	ND			ND		ug/L				NC	20
4-Chlorotoluene	ND			ND		ug/L				NC	20
4-Isopropyltoluene	ND			ND		ug/L				NC	20
4-Methyl-2-pentanone	ND			ND		ug/L				NC	20
Acetone	ND	*+		ND	*+	ug/L				NC	20
Benzene	7.6			7.70		ug/L				1	20
Bromobenzene	ND			ND		ug/L				NC	20
Bromodichloromethane	ND			ND		ug/L				NC	20
Dibromochloromethane	ND			ND		ug/L				NC	20
Bromoform	ND			ND		ug/L				NC	20
Bromomethane	ND			ND		ug/L				NC	20
Carbon disulfide	ND			ND		ug/L				NC	20
Carbon tetrachloride	ND			ND		ug/L				NC	20
Chlorobenzene	ND			ND		ug/L				NC	20
Chloroethane	ND	*+		ND	*+	ug/L				NC	20
Chloroform	ND			ND		ug/L				NC	20
Chloromethane	ND	*+		ND	*+	ug/L				NC	20
cis-1,2-Dichloroethene	ND			ND		ug/L				NC	20
cis-1,3-Dichloropropene	ND			ND		ug/L				NC	20
Dibromomethane	ND			ND		ug/L				NC	20
Dichlorodifluoromethane	ND			ND		ug/L				NC	20
Ethylbenzene	ND			ND		ug/L				NC	20
Hexachlorobutadiene	ND			ND		ug/L				NC	20
Isopropylbenzene	ND			ND		ug/L				NC	20
Methyl-tert-butyl Ether (MTBE)	ND			ND		ug/L				NC	20

QC Sample Results

Client: Harvest
Project/Site: Trunk L

Job ID: 885-16955-1

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

Lab Sample ID: 885-16955-1 DU
Matrix: Air
Analysis Batch: 18316

Client Sample ID: Influent 121224
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Methylene Chloride	ND	*+		ND	*+	ug/L				NC	20
n-Butylbenzene	ND			ND		ug/L				NC	20
N-Propylbenzene	ND			ND		ug/L				NC	20
Naphthalene	ND			ND		ug/L				NC	20
sec-Butylbenzene	ND			ND		ug/L				NC	20
Styrene	ND			ND		ug/L				NC	20
tert-Butylbenzene	ND			ND		ug/L				NC	20
Tetrachloroethene (PCE)	ND			ND		ug/L				NC	20
Toluene	6.8			6.59		ug/L				3	20
trans-1,2-Dichloroethene	ND			ND		ug/L				NC	20
trans-1,3-Dichloropropene	ND			ND		ug/L				NC	20
Trichloroethene (TCE)	ND			ND		ug/L				NC	20
Trichlorofluoromethane	ND			ND		ug/L				NC	20
Vinyl chloride	ND			ND		ug/L				NC	20
Xylenes, Total	ND			ND		ug/L				NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*

QC Association Summary

Client: Harvest
Project/Site: Trunk L

Job ID: 885-16955-1

GC/MS VOA

Analysis Batch: 18316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16955-1	Influent 121224	Total/NA	Air	8260B	
MB 885-18316/8	Method Blank	Total/NA	Air	8260B	
LCS 885-18316/5	Lab Control Sample	Total/NA	Air	8260B	
885-16955-1 DU	Influent 121224	Total/NA	Air	8260B	

Lab Chronicle

Client: Harvest
Project/Site: Trunk L

Job ID: 885-16955-1

Client Sample ID: Influent 121224

Date Collected: 12/12/24 14:40
Date Received: 12/13/24 06:35

Lab Sample ID: 885-16955-1

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		50	18316	CM	EET ALB	12/23/24 13:58

Laboratory References:

= , 1120 South 27th Street, Billings, MT 59101, TEL (406)252-6325

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

Accreditation/Certification Summary

Client: Harvest
Project/Site: Trunk L

Job ID: 885-16955-1

Laboratory: Eurofins Albuquerque

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8260B		Air	1,1,1,2-Tetrachloroethane
8260B		Air	1,1,1-Trichloroethane
8260B		Air	1,1,2,2-Tetrachloroethane
8260B		Air	1,1,2-Trichloroethane
8260B		Air	1,1-Dichloroethane
8260B		Air	1,1-Dichloroethene
8260B		Air	1,1-Dichloropropene
8260B		Air	1,2,3-Trichlorobenzene
8260B		Air	1,2,3-Trichloropropane
8260B		Air	1,2,4-Trichlorobenzene
8260B		Air	1,2,4-Trimethylbenzene
8260B		Air	1,2-Dibromo-3-Chloropropane
8260B		Air	1,2-Dibromoethane (EDB)
8260B		Air	1,2-Dichlorobenzene
8260B		Air	1,2-Dichloroethane (EDC)
8260B		Air	1,2-Dichloropropane
8260B		Air	1,3,5-Trimethylbenzene
8260B		Air	1,3-Dichlorobenzene
8260B		Air	1,3-Dichloropropane
8260B		Air	1,4-Dichlorobenzene
8260B		Air	1-Methylnaphthalene
8260B		Air	2,2-Dichloropropane
8260B		Air	2-Butanone
8260B		Air	2-Chlorotoluene
8260B		Air	2-Hexanone
8260B		Air	2-Methylnaphthalene
8260B		Air	4-Chlorotoluene
8260B		Air	4-Isopropyltoluene
8260B		Air	4-Methyl-2-pentanone
8260B		Air	Acetone
8260B		Air	Benzene
8260B		Air	Bromobenzene
8260B		Air	Bromodichloromethane
8260B		Air	Bromoform
8260B		Air	Bromomethane
8260B		Air	Carbon disulfide
8260B		Air	Carbon tetrachloride
8260B		Air	Chlorobenzene
8260B		Air	Chloroethane
8260B		Air	Chloroform
8260B		Air	Chloromethane
8260B		Air	cis-1,2-Dichloroethene
8260B		Air	cis-1,3-Dichloropropene
8260B		Air	Dibromochloromethane
8260B		Air	Dibromomethane

Accreditation/Certification Summary

Client: Harvest
Project/Site: Trunk L

Job ID: 885-16955-1

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		Air	Dichlorodifluoromethane
8260B		Air	Ethylbenzene
8260B		Air	Hexachlorobutadiene
8260B		Air	Isopropylbenzene
8260B		Air	Methylene Chloride
8260B		Air	Methyl-tert-butyl Ether (MTBE)
8260B		Air	Naphthalene
8260B		Air	n-Butylbenzene
8260B		Air	N-Propylbenzene
8260B		Air	sec-Butylbenzene
8260B		Air	Styrene
8260B		Air	tert-Butylbenzene
8260B		Air	Tetrachloroethene (PCE)
8260B		Air	Toluene
8260B		Air	trans-1,2-Dichloroethene
8260B		Air	trans-1,3-Dichloropropene
8260B		Air	Trichloroethene (TCE)
8260B		Air	Trichlorofluoromethane
8260B		Air	Vinyl chloride
8260B		Air	Xylenes, Total

Oregon	NELAP	NM100001	02-25-25

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
8260B		Air	1,1,1,2-Tetrachloroethane
8260B		Air	1,1,1-Trichloroethane
8260B		Air	1,1,2,2-Tetrachloroethane
8260B		Air	1,1,2-Trichloroethane
8260B		Air	1,1-Dichloroethane
8260B		Air	1,1-Dichloroethene
8260B		Air	1,1-Dichloropropene
8260B		Air	1,2,3-Trichlorobenzene
8260B		Air	1,2,3-Trichloropropane
8260B		Air	1,2,4-Trichlorobenzene
8260B		Air	1,2,4-Trimethylbenzene
8260B		Air	1,2-Dibromo-3-Chloropropane
8260B		Air	1,2-Dibromoethane (EDB)
8260B		Air	1,2-Dichlorobenzene
8260B		Air	1,2-Dichloroethane (EDC)
8260B		Air	1,2-Dichloropropane
8260B		Air	1,3,5-Trimethylbenzene
8260B		Air	1,3-Dichlorobenzene
8260B		Air	1,3-Dichloropropane
8260B		Air	1,4-Dichlorobenzene
8260B		Air	1-Methylnaphthalene
8260B		Air	2,2-Dichloropropane

Accreditation/Certification Summary

Client: Harvest
Project/Site: Trunk L

Job ID: 885-16955-1

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		Air	2-Butanone
8260B		Air	2-Chlorotoluene
8260B		Air	2-Hexanone
8260B		Air	2-Methylnaphthalene
8260B		Air	4-Chlorotoluene
8260B		Air	4-Isopropyltoluene
8260B		Air	4-Methyl-2-pentanone
8260B		Air	Acetone
8260B		Air	Benzene
8260B		Air	Bromobenzene
8260B		Air	Bromodichloromethane
8260B		Air	Bromoform
8260B		Air	Bromomethane
8260B		Air	Carbon disulfide
8260B		Air	Carbon tetrachloride
8260B		Air	Chlorobenzene
8260B		Air	Chloroethane
8260B		Air	Chloroform
8260B		Air	Chloromethane
8260B		Air	cis-1,2-Dichloroethene
8260B		Air	cis-1,3-Dichloropropene
8260B		Air	Dibromochloromethane
8260B		Air	Dibromomethane
8260B		Air	Dichlorodifluoromethane
8260B		Air	Ethylbenzene
8260B		Air	Hexachlorobutadiene
8260B		Air	Isopropylbenzene
8260B		Air	Methylene Chloride
8260B		Air	Methyl-tert-butyl Ether (MTBE)
8260B		Air	Naphthalene
8260B		Air	n-Butylbenzene
8260B		Air	N-Propylbenzene
8260B		Air	sec-Butylbenzene
8260B		Air	Styrene
8260B		Air	tert-Butylbenzene
8260B		Air	Tetrachloroethene (PCE)
8260B		Air	Toluene
8260B		Air	trans-1,2-Dichloroethene
8260B		Air	trans-1,3-Dichloropropene
8260B		Air	Trichloroethene (TCE)
8260B		Air	Trichlorofluoromethane
8260B		Air	Vinyl chloride
8260B		Air	Xylenes, Total

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ANALYTICAL SUMMARY REPORT

December 18, 2024

Hall Environmental
4901 Hawkins St NE Ste D
Albuquerque, NM 87109-4372

Work Order: B24121322 Quote ID: B15626
Project Name: Trunk L 88501083

Energy Laboratories Inc Billings MT received the following 1 sample for Hall Environmental on 12/17/2024 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B24121322-001	Influent 121224 (885-16955-1)	12/12/24 14:40	12/17/24	Air	Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist. Free Natural Gas Analysis Specific Gravity @ 60/60

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 So. 27th Street, Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

Energy Laboratories, Inc. verifies the reported results for the analysis has been technically reviewed and approved for release.

If you have any questions regarding these test results, please contact your Project Manager.

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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Trunk L 88501083
Lab ID: B24121322-001
Client Sample ID: Influent 121224 (885-16955-1)

Report Date: 12/18/24
Collection Date: 12/12/24 14:40
DateReceived: 12/17/24
Matrix: Air

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
GAS CHROMATOGRAPHY ANALYSIS REPORT							
Oxygen	19.62	Mol %		0.01		GPA 2261-13	12/18/24 09:45 / jrj
Nitrogen	78.40	Mol %		0.01		GPA 2261-13	12/18/24 09:45 / jrj
Carbon Dioxide	1.94	Mol %		0.01		GPA 2261-13	12/18/24 09:45 / jrj
Hydrogen Sulfide	<0.01	Mol %		0.01		GPA 2261-13	12/18/24 09:45 / jrj
Methane	<0.01	Mol %		0.01		GPA 2261-13	12/18/24 09:45 / jrj
Ethane	<0.01	Mol %		0.01		GPA 2261-13	12/18/24 09:45 / jrj
Propane	<0.01	Mol %		0.01		GPA 2261-13	12/18/24 09:45 / jrj
Isobutane	<0.01	Mol %		0.01		GPA 2261-13	12/18/24 09:45 / jrj
n-Butane	<0.01	Mol %		0.01		GPA 2261-13	12/18/24 09:45 / jrj
Isopentane	<0.01	Mol %		0.01		GPA 2261-13	12/18/24 09:45 / jrj
n-Pentane	<0.01	Mol %		0.01		GPA 2261-13	12/18/24 09:45 / jrj
Hexanes plus	0.04	Mol %		0.01		GPA 2261-13	12/18/24 09:45 / jrj
Propane	< 0.001	gpm		0.001		GPA 2261-13	12/18/24 09:45 / jrj
Isobutane	< 0.001	gpm		0.001		GPA 2261-13	12/18/24 09:45 / jrj
n-Butane	< 0.001	gpm		0.001		GPA 2261-13	12/18/24 09:45 / jrj
Isopentane	< 0.001	gpm		0.001		GPA 2261-13	12/18/24 09:45 / jrj
n-Pentane	< 0.001	gpm		0.001		GPA 2261-13	12/18/24 09:45 / jrj
Hexanes plus	0.017	gpm		0.001		GPA 2261-13	12/18/24 09:45 / jrj
GPM Total	0.017	gpm		0.001		GPA 2261-13	12/18/24 09:45 / jrj
GPM Pentanes plus	0.017	gpm		0.001		GPA 2261-13	12/18/24 09:45 / jrj
CALCULATED PROPERTIES							
Gross BTU per cu ft @ Std Cond. (HHV)	2			1		GPA 2261-13	12/18/24 09:45 / jrj
Net BTU per cu ft @ std cond. (LHV)	2			1		GPA 2261-13	12/18/24 09:45 / jrj
Pseudo-critical Pressure, psia	551			1		GPA 2261-13	12/18/24 09:45 / jrj
Pseudo-critical Temperature, deg R	244			1		GPA 2261-13	12/18/24 09:45 / jrj
Specific Gravity @ 60/60F	1.01			0.001		D3588-81	12/18/24 09:45 / jrj
Air, %	89.65			0.01		GPA 2261-13	12/18/24 09:45 / jrj
- The analysis was not corrected for air.							
COMMENTS							
-						-	12/18/24 09:45 / jrj

- BTU, GPM, and specific gravity are corrected for deviation from ideal gas behavior.
- GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions.
- To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825.
- Standard conditions: 60 F & 14.73 psi on a dry basis

Report Definitions:
RL - Analyte Reporting Limit
QCL - Quality Control Limit
MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)

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QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B24121322 **Report Date:** 12/18/24

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **GPA 2261-13**										Batch: R434175
Lab ID: **B24121324-001ADUP**	12	Sample Duplicate				Run: GCNGA-B_241218A				12/18/24 12:12
Oxygen		19.3	Mol %	0.01				1.9	20	
Nitrogen		80.6	Mol %	0.01				0.4	20	
Carbon Dioxide		0.05	Mol %	0.01				0.0	20	
Hydrogen Sulfide		<0.01	Mol %	0.01					20	
Methane		<0.01	Mol %	0.01					20	
Ethane		<0.01	Mol %	0.01					20	
Propane		<0.01	Mol %	0.01					20	
Isobutane		<0.01	Mol %	0.01					20	
n-Butane		<0.01	Mol %	0.01					20	
Isopentane		<0.01	Mol %	0.01					20	
n-Pentane		<0.01	Mol %	0.01					20	
Hexanes plus		0.01	Mol %	0.01				0.0	20	
Lab ID: **LCS121824**	11	Laboratory Control Sample				Run: GCNGA-B_241218A				12/18/24 13:50
Oxygen		0.63	Mol %	0.01	126	70	130			
Nitrogen		6.11	Mol %	0.01	102	70	130			
Carbon Dioxide		0.98	Mol %	0.01	99	70	130			
Methane		74.6	Mol %	0.01	100	70	130			
Ethane		6.01	Mol %	0.01	100	70	130			
Propane		5.03	Mol %	0.01	102	70	130			
Isobutane		1.69	Mol %	0.01	84	70	130			
n-Butane		1.99	Mol %	0.01	99	70	130			
Isopentane		1.12	Mol %	0.01	112	70	130			
n-Pentane		1.00	Mol %	0.01	100	70	130			
Hexanes plus		0.79	Mol %	0.01	99	70	130			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

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Work Order Receipt Checklist

Hall Environmental

B24121322

Login completed by: Danielle N. Harris
Date Received: 12/17/2024

Reviewed by: darcy
Received by: KLP

Reviewed Date: 12/18/2024
Carrier name: FedEx NDA

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all shipping container(s)/cooler(s)?	Yes ☐	No ☑	Not Present ☐
Custody seals intact on all sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes ☐	No ☑	Not Applicable ☐
Container/Temp Blank temperature:	14.7°C No Ice		
Containers requiring zero headspace have no headspace or bubble that is <6mm (1/4").	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

The reference date for Radon analysis is the sample collection date. The reference date for all other Radiochemical analyses is the analysis date. Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

For methods that require zero headspace or require preservation check at the time of analysis due to potential interference, the pH is verified at analysis. Nonconforming sample pH is documented as part of the analysis and included in the sample analysis comments.

Trip Blanks and/or Blind Duplicate samples are assigned the earliest collection time for the associated requested analysis in order to evaluate the holding time unless specifically indicated.

Contact and Corrective Action Comments:

Custody seal affixed to cooler unsigned and undated. DEC 12/18/24

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Laboratory Certifications and Accreditations

Current certificates are available at www.energylab.com website:

	Agency	Number
Billings, MT	Alaska	17-023
	California	3087
	Colorado	MT00005
	Department of Defense (DoD)/ISO17025	ADE-2588
	Florida (Primary NELAP)	E87668
	Idaho	MT00005
	Louisiana	05079
	Montana	CERT0044
	Nebraska	NE-OS-13-04
	Nevada	NV-C24-00250
	North Dakota	R-007
	National Radon Proficiency	109383-RMP
	Oregon	4184
	South Dakota	ARSD 74:04:07
	Texas	TX-C24-00302
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00170
	Washington	C1039
Casper, WY	Alaska	20-006
	California	3021
	Colorado	WY00002
	Florida (Primary NELAP)	E87641
	Idaho	WY00002
	Louisiana	05083
	Montana	CERT0002
	Nebraska	NE-OS-08-04
	Nevada	NV-C24-00245
	North Dakota	R-125
	Oregon	WY200001
	South Dakota	WY00002
	Texas	T104704181-23-21
	US EPA Region VIII	WY00002
	USNRC License	49-26846-01
	Washington	C1012
Gillette, WY	US EPA Region VIII	WY00006
Helena, MT	Colorado	MT00945
	Montana	CERT0079
	Nevada	NV-C24-00119
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00090

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: N/A	Lab PM: Garcia, Michelle	Carrier Tracking No(s): N/A	COC No: 885-3212.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: michelle.garcia@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Energy Laboratories, Inc.		Accreditations Required (See note): NELAP - Oregon; State - New Mexico		Job #: 885-16955-1
Address: 1120 South 27th Street, ,	Due Date Requested: 12/20/2024			
City: Billings	TAT Requested (days): N/A			
State, Zip: MT, 59101				
Phone: 406-252-6325(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Trunk L	Project #: 88501083			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

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 (Fixed Gases - Energy Lab) Fixed Gases - Energy Lab	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Influent 121224 (885-16955-1)	12/12/24	14:40 Mountain	G	Air			X	1	B24121322

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *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:	Date/Time: 12/16/24 1040	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12-17-24 0935	Company ELE

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

ICOC No:
885-3212

Containers

Count	Container Type	Preservative
1	Tedlar Bag 1L	None

Chain-of-Custody Record

Client: Harvest Four Corners
Attn: Monica Smith
Mailing Address:

Phone #:
email or Fax#: msmith@harvestmidstream.com
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: Trunk L
Project #:
Project Manager: Reece Hanson
Sampler: Avery Lanean
On Ice: ☐ Yes ☒ No
# of Coolers: 1 Yoai
Cooler Temp(including CF): 0.9-0=0.9 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107
885-16955 COC

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)	Fixed Gas O_2 and CO_2	Full List 8260
12/12/24	1440	Air	Influent 121224	2-Tedlar	—												X	X

Date	Time	Relinquished by	Received by	Via	Date	Time
12/12/24	1615	[signature]	[signature]		12/12/24	1615
12/12/24	1830	[signature]	[signature]	Courier	12/13/24	6:35

Remarks: cc: rhanson@ensolum.com
ecarroll@ensolum.com

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.

1/6/2025

Login Sample Receipt Checklist

Client: Harvest Job Number: 885-16955-1

Login Number: 16955 **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.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 417799
	Action Type: [REPORT] Alternative Remediation Report (C-141AR)

CONDITIONS

Created By	Condition	Condition Date
nvelez	SVE reviewed - 1. Continue O&M & sampling as stated in report. 2. Submit next quarterly report by April 15, 2025.	1/16/2025