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Environmental, Engineering and
Hydrogeologic Consultants

2024 Q3/Q4 Semi-Annual – Remediation System Operation and Monitoring Report

Property:

Florance Gas Com J No. 16A
Harvest Four Corners, LLC
San Juan County, New Mexico

API # 30-045-21790
Incident # NCS1629854256
Remediation Permit Number 3RP-364

January 14, 2025
Ensolum Project No. 07B2002007

Prepared for:

New Mexico Oil Conservation Division - District III
New Mexico Energy, Minerals, and Natural Resources Department
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Incident # NCS1629854256
Remediation Permit Number 3RP-364

Ensolum Project No. 07B2002007

1.0 INTRODUCTION

Ensolum, LLC (Ensolum), on behalf of Harvest Four Corners, LLC (Harvest), presents this *2024 Q3/Q4 Semi-Annual - Remediation System Operation and Monitoring Report* summarizing remediation system performance during the second two quarters of 2024 at the Florance Gas Com J No. 16A (Site; Remediation Permit Number 3RP-364, Incident # NCS1629854256). The duration of operation and monitoring activities included in this report is for the period from June 21, 2024, through December 31, 2024.

This report was prepared following the conditions of approval from the New Mexico Oil Conservation Division (NMOCD) regarding the dual-phase extraction (DPE) remediation system described in the *Remedial Assessment Report* submitted by Aptim Environmental & Infrastructure, Inc. in November 2017. Per the requirements, this report includes the following:

- A summary of remediation activities during the quarter(s);
- The system run time summary (90% run time required);
- The hydrocarbon vapor mass removal and liquid recovery from the remediation system;
- Amount of liquid captured from the concrete trap/secondary seep tank; and
- Quarterly gas sample analytical results.

As stated in the *2018 Annual Groundwater and Remediation Update Report* submitted in June 2019, the remediation summary reports also include data and summaries from the groundwater sampling events. Per the *2022 Fourth Quarter – Remediation System Operation and Monitoring Report*, remediation summary and groundwater monitoring reports will be submitted semi-annually.

2.0 REMEDIATION SYSTEM DESCRIPTION

The remediation system at the Site includes a DPE system which currently uses one high vacuum rotary claw blower to apply vacuum to remediation wells that are connected to the blower via 1-inch stingers and subsurface piping, with one stinger connected via aboveground piping. The extracted air, petroleum vapors, and fluids enter a vapor/liquid separator or “knock out” tank. Air and petroleum vapors are passed through the high vacuum extraction blower and discharged to the atmosphere via an exhaust stack. Separated liquid, which includes light non-aqueous phase liquids (LNAPL) and potentially impacted groundwater, is pumped to an aboveground storage tank for storage and offsite disposal. Extraction from the remediation wells is cycled through four zones, with four to six remediation wells per zone. The system layout is depicted on Figure 1. Reports summarizing remediation system operation for the previous quarters of system operation have been submitted to the NMOCD by Harvest, previous consultants, and Ensolum.

3.0 SYSTEM OPERATION AND MONITORING

Regular bi-weekly to monthly system operations and maintenance activities were performed throughout the second half of 2024. These site visits and monitoring events, including the final visit of the quarter performed on December 31, 2024, are summarized in tables enclosed at the end of this report. As proposed in the previous semi-annual report, remediation efforts in the second half of 2024 were focused on a subset of wells in Zone 2 and Zone 4. An additional well,

MW-15, was plumbed into the DPE system during the December 2, 2024 Site visit; however, very little flow was observed following the reconfiguration. On December 31, 2024, adjustments were made, and the piping was purged of ice and water that had accumulated to achieve flow. Field notes from this Site visit are included as Appendix B. MW-15 will continue to operate as part of remediation Zones 2 and 4 following the replacement.

As detailed in the *2024 Q1/Q2 Semi-Annual - Remediation System Operation and Monitoring Report,* blower B-702 has not been functional since May 22, 2024, due to worn rotary claws as a result of scale build up. The DPE system has continued to run using one blower, which can achieve the required flow requirements to effectively remediate hydrocarbons at the current subset of extraction wells. Ensolum will continue to monitor the effectiveness of running the DPE system with one blower and will make repairs to the second blower if necessary.

3.1 Vapor Recovery

Remediation system runtime is listed in Table 1, with an average runtime of 100 percent (%) during the second half of 2024. The system has had cumulative overall run time of 91% since installation in May 2018.

Influent vapor samples from the DPE system were collected on September 11, 2024, and December 2, 2024. Influent vapor samples were collected using a high vacuum air sampling pump on the system inlet, after the remediation zone manifold assembly, but prior to the liquid knock out tank. Samples were collected in 1-Liter Tedlar® bags and submitted to Eurofins Environmental Testing Laboratory (Eurofins) in Albuquerque, New Mexico. The samples were submitted for analyses of benzene, toluene, ethylbenzene, and total xylenes (BTEX) by United States Environmental Protection Agency (EPA) Method 8021B and total petroleum hydrocarbons (TPH) by EPA Method 8015D. Per the condition of approval (COA) issued by the NMOCD for the previous semi-annual report, an additional sample was collected on December 31, 2024 and analyzed for full list volatile organic compounds (VOCs) by EPA Method 8260 and fixed natural gas analysis including oxygen and carbon dioxide by Method 2261. The results of the fixed gas analysis are pending, and will be included in the 2025 Q1/Q2 semiannual report. The laboratory analytical results from the second half of 2024 are summarized in Table 2. Copies of the laboratory analytical reports for the vapor samples are provided as Appendix A.

Since remediation system startup in May 2018, the calculated total mass of BTEX removed and the total mass of GRO removed thus far are 3,663 pounds (lbs) and 55,371 lbs, respectively. The calculated BTEX and GRO mass removal rates based on average field and analytical results were approximately 0.031 lbs per day and 5.01 lbs per day, respectively. During the second half of 2024, a total of 5.64 lbs of BTEX and a total of 847.4 lbs of GRO were removed through December 31, 2024. Vapor emission calculations and removal rates are summarized in Table 3.

3.2 Liquid Recovery

Total liquid recovery volumes are measured using a totalizing flow metering device. Between system startup on May 4, 2018, and December 31, 2024, approximately 379,812 gallons of liquid have been recovered. The impacted groundwater and recovered LNAPL are emulsified and homogenously commingled enough during extraction that product thickness is unmeasurable in the liquid recovery tank. Therefore, the estimated volume of LNAPL recovered is not reported. Liquid recovery is summarized in Table 4.

Operational measurements including flow and vacuum rates for individual remediation wells are summarized in Table 5. Specific remediation zone observations and adjustments are also included in this table.

4.0 CONCRETE TRAP/SEEP MONITORING

The concrete trap collection sump and collection tank connected to the east and west seep areas was inspected for liquid recovery during the second half of 2024. No LNAPL or additional liquids were observed in the seep collection tank. Approximately 200 gallons of water have consistently been observed in the seep collection tank, likely a result of precipitation events and stormwater runoff into the concrete sump. The collection sump and tank will continue to be monitored during future site visits. If there is an observable increase in liquid recovery levels and a constant flow of liquids into the tank is available, a sample will be collected and analyzed for BTEX. The collection tank levels will be monitored and emptied as needed.

5.0 GROUNDWATER MONITORING

The semi-annual groundwater sampling event occurred on December 2, 2024, as proposed in the fourth quarter 2019, *Quarterly Remediation System Operation and Monitoring Report*. During the December 2024 semi-annual sampling event, all monitoring wells were gauged for depth to groundwater and LNAPL, if present. Only point of compliance groundwater samples were collected during the second half of 2024. Groundwater samples were collected from four monitoring wells. Monitoring wells were sampled only if there was sufficient water and there was no presence of phase separated hydrocarbons. Groundwater monitoring will continue on a semi-annual basis with the next sampling event taking place in the second quarter of 2025.

5.1 Groundwater Gauging

All monitoring and remediation wells were gauged for depth to LNAPL, if present, and depth to water on September 10, 2024, and December 2, 2024. During the September gauging event, no wells contained detectable LNAPL. During the December gauging event wells SB-01 and MW-15 had detectable LNAPL, with thicknesses of 0.05 feet and 0.13 feet, respectively. Both quarterly gauging events noted a decrease in wells containing LNAPL as compared to the second quarter of 2024 gauging event when LNAPL was recorded in five wells. Groundwater elevations and LNAPL thicknesses are summarized in Table 6. The estimated groundwater flow direction continues to be towards the southeast. Figures 2 and 3 depict the groundwater elevations, flow direction, and LNAPL thicknesses for the September and December gauging events, respectively.

5.2 Groundwater Analytical Results

A total of four monitoring and remediation wells were sampled on December 2, 2024, and submitted for laboratory analysis of BTEX by EPA Method 8021. Three of the monitoring wells sampled were in compliance with the New Mexico Water Quality Control Commission (NMWQCC) standards for BTEX. Monitoring well SB-19 exceeded NMWQCC standards for benzene, toluene, and total xylenes, with concentrations of 770 micrograms per liter (µg/L), 1,100 µg/L, and 1,400 µg/L respectively. Groundwater analytical results are summarized in Table 7 and depicted on Figure 4.

6.0 NEXT SEMI-ANNUAL PROPOSED OPERATIONS

6.1 System Operation

The DPE remediation system will continue operating with the goal of optimizing vapor and liquid recovery using one blower. A decline in vapor-phase VOC concentrations and observed LNAPL thickness from each remediation zone has been observed, as expected with this remediation technique. During the second half of 2024, the DPE system was focused on a subset of wells in remediation Zone 2 and Zone 4, based on the level of historical impacts in those specific locations.

The system will continue to operate on the subset of wells while monitoring the effectiveness of running the DPE system on a single blower. Adjustments to active wells will be made pending any observed increase of LNAPL in currently inactive wells. Blower B-702 will be repaired or replaced, if necessary.

During the first half of 2025 operations and maintenance, the following actions are proposed:

- Bi-weekly (every other week) to monthly system operation and maintenance visits, including cycling between remediation wells and/or zones;
- Groundwater and LNAPL will be gauged in monitoring and remediation wells to evaluate the presence and/or migration of LNAPL;
- LNAPL will be manually removed via bailer during routine visits if a large enough LNAPL thickness is measured;
- LNAPL recovery socks will be placed in any monitoring wells where LNAPL is measured in between site visits;
- At least one influent air extraction sample per quarter will be analyzed for Full 8260 VOCs, TPH, carbon dioxide, and oxygen; and
- When influent air samples are not collected, a photoionization detector (PID) will be used to estimate vapor exhaust concentrations.

6.2 Reporting

Updated remediation reports will be prepared and submitted to the NMOCD on a semi-annual basis within 15 days following the end of the quarter and will contain the following:

- A summary of remediation and monitoring activities during the period;
- System run-time summary;
- Petroleum hydrocarbon mass removal and fluid recovery from the remediation system;
- DPE volume removal and product recovery;
- Observations of concrete trap/collection tank;
- Quarterly gas sample analysis results; and
- Groundwater monitoring results.

Ensolum appreciates the opportunity to submit this report to the NMOCD on behalf of Harvest. If there are any questions or comments regarding this report, please contact Danny Burns at 303-601-1420 or dburns@ensolum.com.

Sincerely,

Ensolum, LLC

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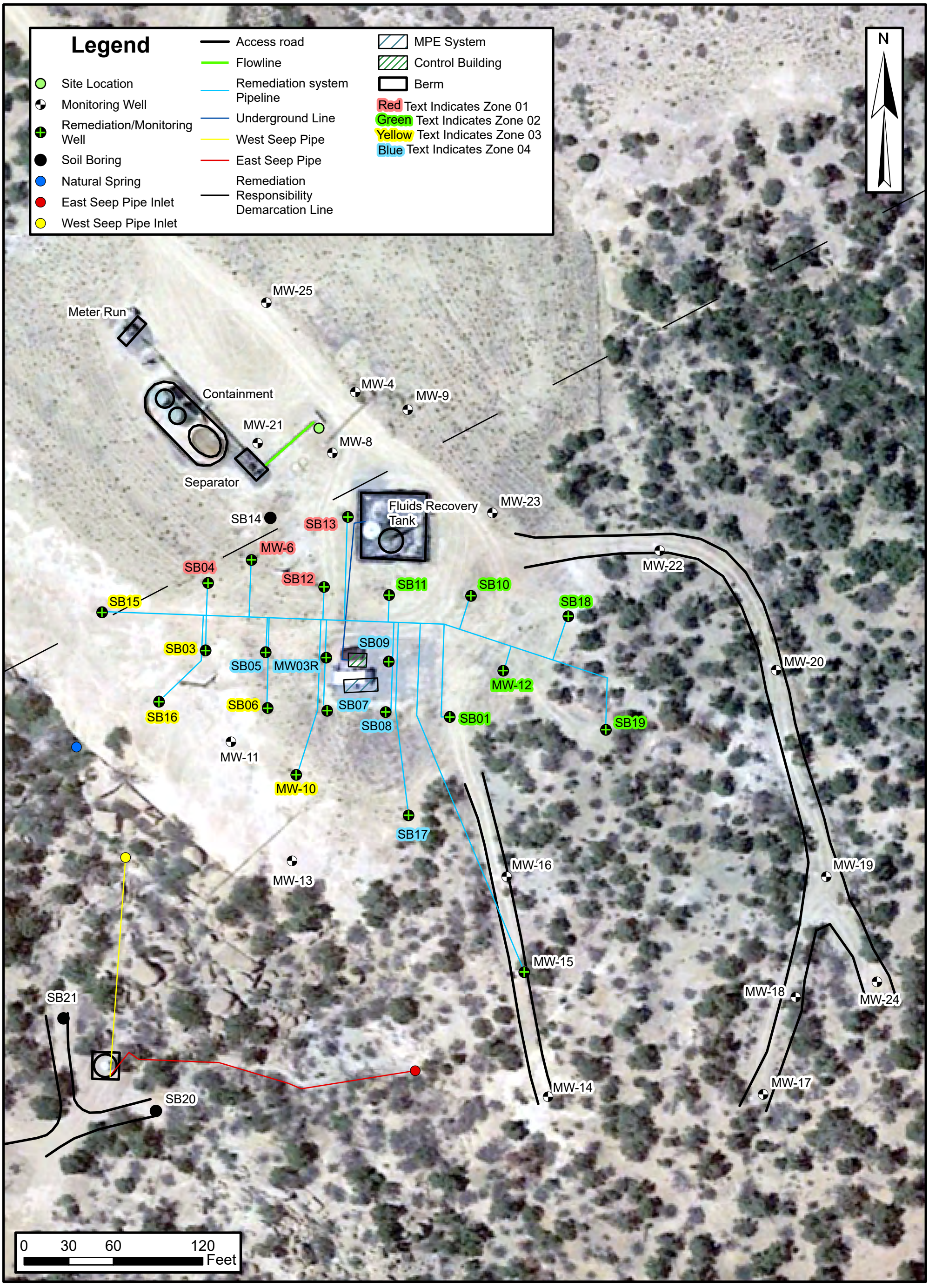
FIGURES



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Remediation System Layout

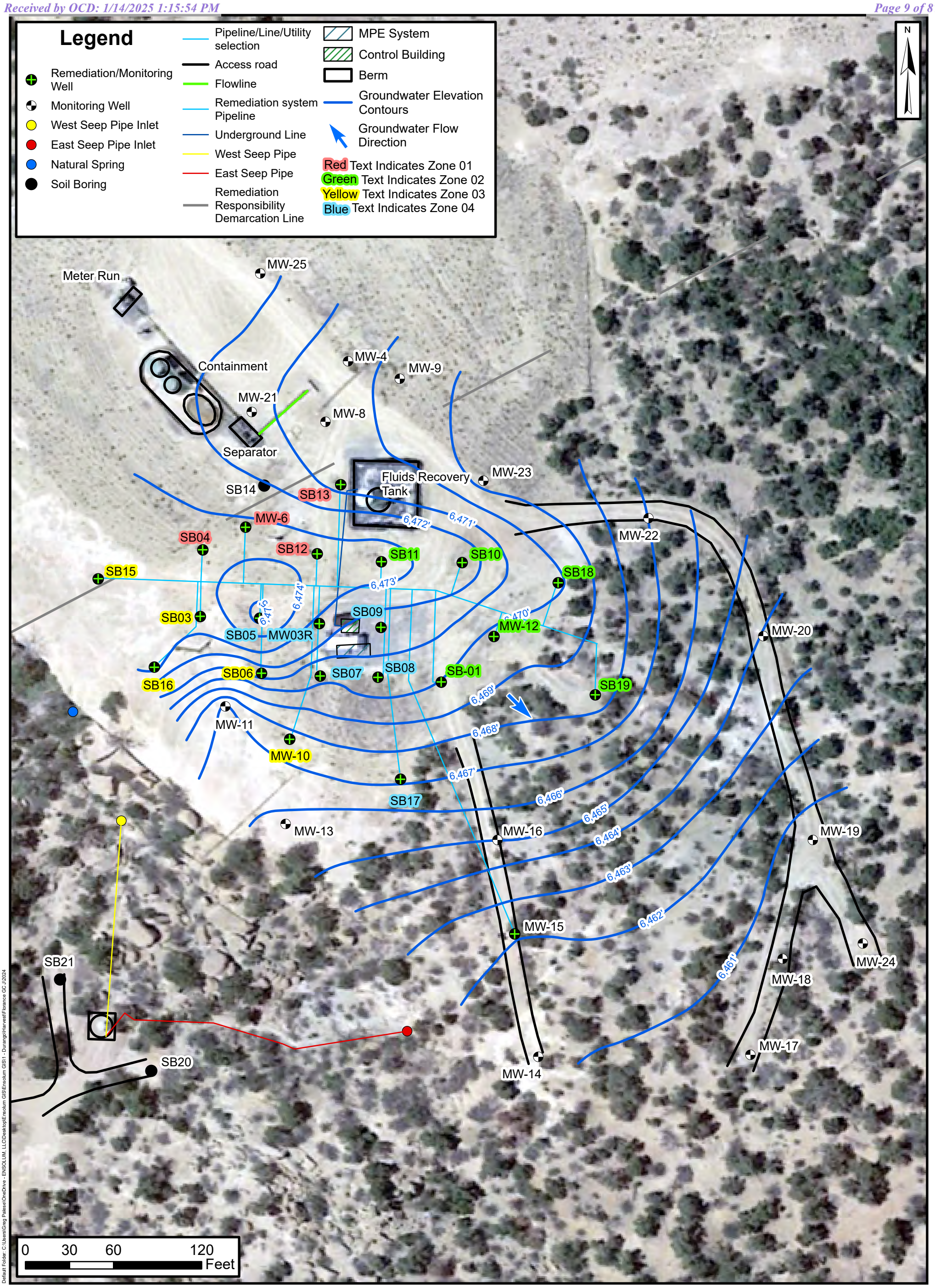
Florance GC J#16A
Harvest Four Corners, LLC

Unit P, Sec 6, T30N, R9W
San Juan County, New Mexico

FIGURE

1

Sources: Google Earth



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Groundwater Potentiometric Map September 2024

Florance GC J#16A
Harvest Four Corners, LLC

Unit P, Sec 6, T30N, R9W
San Juan County, New Mexico

FIGURE
2

Sources: Google Earth

Legend

- Remediation/Monitoring Well
- Monitoring Well
- West Seep Pipe Inlet
- East Seep Pipe Inlet
- Natural Spring
- Soil Boring
- Pipeline/Line/Utility selection
- Access road
- Flowline
- Remediation system Pipeline
- Underground Line
- West Seep Pipe
- East Seep Pipe
- Remediation Responsibility Demarcation Line
- MPE System
- Control Building
- Berm
- Estimated Free Product Plume
- Groundwater Elevation Contours
- Groundwater Flow Direction

Red Text Indicates Zone 01
Green Text Indicates Zone 02
Yellow Text Indicates Zone 03
Blue Text Indicates Zone 04

N

Meter Run
MW-25
Containment
MW-4
MW-9
MW-21
MW-8
Separator
SB14
SB13
Fluids Recovery Tank
MW-23
MW-6
SB04
SB12
SB11
SB10
SB18
MW-22
SB15
6,473'
6,472'
6,471'
6,470'
6,469'
SB03
SB09
MW-12
MW-20
SB05
MW03R
SB08
SB16
SB06
SB07
6,468'
SB19
SB-01
12/02/2024
PT: 0.05'
MW-11
MW-10
SB17
MW-13
6,467'
6,466'
6,465'
MW-16
6,464'
6,463'
MW-19
MW-15
12/02/2024
PT: 0.13'
6,462'
SB21
MW-24
MW-18
6,461'
MW-17
SB20
MW-14

0 30 60 120 Feet

Notes:
PT: Free Product Thickness in Feet

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Groundwater Potentiometric Map December 2024

Florance GC J#16A
Harvest Four Corners, LLC

Unit P, Sec 6, T30N, R9W
San Juan County, New Mexico

FIGURE
3

Sources: Google Earth

Legend

- Remediation/Monitoring Well
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- Control Building
- Berm
- Estimated Free Product Plume
- Groundwater Flow Direction
- Red Text Indicates Zone 01
- Green Text Indicates Zone 02
- Yellow Text Indicates Zone 03
- Blue Text Indicates Zone 04

N

MW-25
MW-4
MW-9
MW-21
MW-8
SB13
MW-23
MW-22
12/02/2024
NE
MW-6
SB12
SB11
SB10
SB18
SB15
SB03
SB05
MW-3R
SB09
MW-12
MW-19
SB19
12/02/2024
B: **770**
T: **1,100**
E: 75
X: **1,400**
SB16
SB06
SB07
SB08
SB01
MW-11
MW-10
SB17
MW-13
MW-16
MW-19
MW-15
SB21
MW-18
12/02/2024
NE
MW-24
12/02/2024
NE
SB20
MW-14
MW-17

Notes:
B: Benzene in Micrograms per Liter (µg/L)
T: Toluene (µg/L)
E: Ethylbenzene (µg/L)
X: Total Xylenes (µg/L)
Bold: Indicates results exceed NMWQCC Standards
< : Indicates result is below laboratory reporting limit
NE: No exceedances

0 30 60 120 Feet

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Groundwater Analytical Results December 2024

Florance GC J#16A
Harvest Four Corners, LLC

Unit P, Sec 6, T30N, R9W
San Juan County, New Mexico

FIGURE

4

Sources: Google Earth

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TABLES

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TABLE 1
REMEDIATION SYSTEM OPERATIONAL RUN-TIME SECOND HALF 2024
Florance GCJ #16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Date/Time of Reading	System Hour Runtime	Cumulative Run Time (%)	Q3/Q4 2024 Run Time (%)	Notes
5/1/18 0:00	0			
5/4/18 9:00	42	START UP		
Earlier Data Provided in Previous Quarterly Reports				
6/21/2024 12:05	48,358	90%	50%	Semi-annual GW sampling 6/20 and 6/21. Diagnose blower issues
7/23/2024 10:34	49,114	90%	99%	Routine O&M, no changes
8/13/2024 11:50	49,620	90%	99%	Add Stinger length to SB01, SB08, MW12, SB19
9/11/2024 12:00	50,307	90%	99%	Routine O&M, no changes
10/2/2024 15:00	50,814	90%	99%	Routine O&M, no changes
11/4/2024 13:00	51,605	90%	99%	Winterize manifold shed, turn off fan in process room, turn off AC in control room
12/2/2024 12:04	52,275	91%	100%	Semi-Annual GW monitoring conducted
12/20/2024 11:06	52,704	91%	100%	Routine O&M, no changes
12/31/2024 12:00	52,967	91%	100%	Routine O&M, influent sample

Average 2nd Half 2024 Run Time	100%
Cumulative Run Time from Start up to December 20, 2024	91%

Notes:

% - percent

Dashed line indicates quarter change

-- : not applicable/not collected

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TABLE 2
EXTRACTED VAPOR ANALYTICAL DATA - SECOND HALF 2024
Florance GCJ #16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Collection Date:	**9/11/2024**	**12/2/2024**	**12/31/2024**
Collection Time:	14:20	12:30	12:00
Active Remediation Zone:	2&4	2&4	2&4
Benzene (µg/L)	0.27	0.17	<0.20
Toluene (µg/L)	0.41	0.37	<0.20
Ethylbenzene (µg/L)	0.32	0.13	<0.20
Xylenes, Total (µg/L)	1.5	1.4	1.7
GRO (µg/L)	320	330	430
Total BTEX (µg/L):	2.50	2.07	1.70
PID Reading (ppm)	68	NM	129

Notes:

BTEX - benzene, toluene, ethylbenzene, and total xylenes

GRO - gasoline range organics

µg/L - micrograms per liter

ppm - parts per million

PID - photo-ionization detector

NM - Not Measured

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TABLE 3
MASS REMOVAL VAPOR PHASE - SECOND HALF 2024
Florance GCJ #16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Date/Time	Influent BTEX (mg/m^3)	Influet GRO (mg/m^3)	Active Remediation Zone	Air Flow Rate (scfm)	Time Period (hr:min:sec)	Time Period (min)	BTEX Mass Removed (lbs)	BTEX Gal Removed (@0.755 g/cm^3)	BTEX Mass Removal Rate (lbs/day)	BTEX Mass Removal Rate (ton/yr)	GRO Mass Removed (lbs) (1)	GRO Gal Removed (@0.755 g/cm^3)	GRO Mass Removal Rate (lbs/day)	GRO Mass Removal Rate (ton/yr)
Earlier Data Provided in Previous Reports														
6/21/24 13:00	1.10	160	2	134	1869:30:00	112,170	5.7	0.91	0.074	0.013	918	145.77	11.79	2.15
9/11/24 14:20	2.50	320	2&4	154	1969:20:00	118,160	1.9	0.30	0.023	0.004	255	40.40	3.10	0.57
12/2/24 12:04	2.07	330	2&4	166	1965:44:00	117,944	2.7	0.43	0.033	0.006	382	60.67	4.67	0.85
12/31/24 12:00	1.70	430	2&4	260	695:56:00	41,756	1.0	0.17	0.036	0.007	211	33.43	7.26	1.33

Total Quantity of BTEX Removed 2nd Half 2024	5.64 lbs	0.90 gal	0.021 bbl
Total Quantity of BTEX Removed Since Start-up May 2018	3,663 lbs	671.5 gal	16.0 bbl
Total Quantity of GRO Removed 2nd Half 2024	847.4 lbs	134.5 gal	3.20 bbl
Total Quantity of GRO Removed Since Start-up May 2018	55,371 lbs	8879.1 gal	211.4 bbl

Notes:

bbl - barrel
BTEX - benzene, toluene, ethylbenzene, total xylenes
GRO - gasoline range organics
gal - gallons
g/cm^3 - grams per cubic centimeter
hr - hour
lbs - pounds
lbs/day - pounds per day
mg/m^3 - milligrams per cubic meter
min - minute
scfm - standard cubic foot per minute
sec - second
ton/yr - ton per year
yr - year
Dashed line indicates a quarter change

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

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

(1) Most recent GRO analytical results used to calculate mass removal for dates where GRO data was not collected.

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TABLE 4
LIQUID RECOVERY - SECOND HALF 2024
Florance GCJ #16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Date/Time	Hour Meter Reading	Flow Meter Reading (gal)	Gallons Recovered this Period	Cumulative Volume Recovered (gal)	Gallons Removed From Tank (Off-Site)	Time Period (hr:min:sec)	Time Period (min)	Recovery Rate		Notes
								(gpm)	(gal/day)	
Earlier Data Provided in Previous Quarterly Reports										
6/21/24 12:05	48,358	341,219	588	368,519	--	166:50:00	10,010	0.06	85	Zone 2 Active
7/23/24 10:34	49,114	342,610	1,391	369,910	--	766:29:00	45,989	0.03	44	Zone 2 & 4 Active
8/13/24 11:50	49,620	344,203	1,593	371,503	--	505:16:00	30,316	0.05	76	Zone 2 & 4 Active
9/11/24 12:00	50,307	346,496	2,293	373,796	--	696:10:00	41,770	0.05	79	Zone 2 & 4 Active
10/2/24 15:00	50,814	348,083	1,587	375,383	--	507:00:00	30,420	0.05	75	Zone 2 & 4 Active
11/4/24 13:00	51,605	350,346	2,263	377,646	--	790:00:00	47,400	0.05	69	Zone 2 & 4 Active
12/2/24 12:04	52,275	352,312	1,966	379,612	--	671:04:00	40,264	0.05	70	Zone 2 & 4 Active
12/20/24 11:06	52,704	352,512	200	379,812	--	431:02:00	25,862	0.01	11	Zone 2 & 4 Active
12/31/24 12:00	52,967	352,512	0	379,812	--	264:54:00	15,894	0.00	0	Zone 2 & 4 Active

Notes:

bbl - barrel
ft - feet
gal - gallon
gal/day - gallon per day
gpm - gallon per minute
hr - hour
in - inch
LNAPL - light non-aqueous phase liquid
min - minute
sec - second
Dashed line indicated quarter change
=-- - not applicable

Total Quantity of Liquid Removed:	379,812	Gal
	9,043	bbl

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TABLE 5
DPE SYSTEM OPERATIONS - SECOND HALF 2024
Florance GCJ #16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well ID		Date	7/23/2024	8/13/2024	9/11/2024	10/2/2024	11/4/2024	12/2/2024	12/20/2024
Active Zone			**2&4**	**2&4**	**2&4**	**2&4**	**2&4**	**2&4**	**2&4**
MW-12	WH Vac (Online)	inHg	9.0	16.5	11.0	15.0	18.0	--	13.5
Zone 2	WH Vac (Offline)	inH2O	--	--	--	--	--	--	--
	Mani Vac	inHg	14.0	18.0	18.0	18.0	19.0	19.0	18.0
	PID	ppm	38	88	51	19	18	--	36.8
	Flow	scfm	20	28	28	38	26	22	40
SB-01	WH Vac (Online)	inHg	9.0	12.0	9.0	10.0	12.5	--	12.5
Zone 2	WH Vac (Offline)	inH2O	--	--	--	--	--	--	--
	Mani Vac	inHg	11.5	12.5	12.0	12.0	12.5	14.0	13.5
	PID	ppm	46	143	5	131	119	--	44.1
	Flow	scfm	32	48	42	40	42	34	40
SB-10	WH Vac (Online)	inHg	--	--	--	--	--	--	--
Zone 2	WH Vac (Offline)	inH2O	--	--	--	--	--	--	--
	Mani Vac	inHg	--	--	--	--	--	--	--
	PID	ppm	--	--	--	--	--	--	--
	Flow	scfm	--	--	--	--	--	--	--
SB-11	WH Vac (Online)	inHg	--	--	--	--	--	--	--
Zone 2	WH Vac (Offline)	inH2O	--	--	--	--	--	--	--
	Mani Vac	inHg	--	--	--	--	--	--	--
	PID	ppm	--	--	--	--	--	--	--
	Flow	scfm	--	--	--	--	--	--	--
SB-18	WH Vac (Online)	inHg	11.0	--	--	--	14.0	--	15.0
Zone 2	WH Vac (Offline)	inH2O	--	--	--	--	--	--	--
	Mani Vac	inHg	11.5	--	--	--	14.5	12.5	15.0
	PID	ppm	20	--	--	--	76	--	20.3
	Flow	scfm	30	--	--	--	40	38	26
SB-19	WH Vac (Online)	inHg	14.0	11.0	16.0	11.0	11.5	12.5	12.5
Zone 2	WH Vac (Offline)	inH2O	--	--	--	--	--	--	--
	Mani Vac	inHg	11.5	11.0	--	12.0	11.0	--	12.5
	PID	ppm	174.5	82.3	34.0	129.0	124.0	--	143.6
	Flow	scfm	12	20	--	32	30	28	22

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TABLE 5
DPE SYSTEM OPERATIONS - SECOND HALF 2024
Florance GCJ #16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well ID / Active Zone		Date	7/23/2024 2&4	8/13/2024 2&4	9/11/2024 2&4	10/2/2024 2&4	11/4/2024 2&4	12/2/2024 2&4	12/20/2024 2&4
MW-3R	WH Vac (Online)	inHg	--	--	--	--	--	--	--
Zone 4	WH Vac (Offline)	inH2O	--	--	--	--	--	--	--
	Mani Vac	inHg	--	--	--	--	--	--	--
	PID	ppm	--	--	--	--	--	--	--
	Flow	scfm	--	--	--	--	--	--	--
SB-05	WH Vac (Online)	inHg	--	--	--	--	--	--	--
Zone 4	WH Vac (Offline)	inH2O	--	--	--	--	--	--	--
	Mani Vac	inHg	--	--	--	--	--	--	--
	PID	ppm	--	--	--	--	--	--	--
	Flow	scfm	--	--	--	--	--	--	--
SB-07	WH Vac (Online)	inHg	--	--	--	--	--	--	--
Zone 4	WH Vac (Offline)	inH2O	--	--	--	--	--	--	--
	Mani Vac	inHg	--	--	--	--	--	--	--
	PID	ppm	--	--	--	--	--	--	--
	Flow	scfm	--	--	--	--	--	--	--
SB-08	WH Vac (Online)	inHg	8.5	11.0	10.0	11.0	12.0	--	12.0
Zone 4	WH Vac (Offline)	inH2O	--	--	--	--	--	--	--
	Mani Vac	inHg	11.5	10.5	11.0	12.0	12.0	12.5	12.5
	PID	ppm	8.1	64.3	45.0	13.0	12.8	--	9.2
	Flow	scfm	20	24	42	44	44	40	42
SB-09	WH Vac (Online)	inHg	--	13.0	12.0	11.0	12.5	--	--
Zone 4	WH Vac (Offline)	inH2O	--	--	--	--	--	--	--
	Mani Vac	inHg	--	13.0	13.0	12.5	13.0	14.0	--
	PID	ppm	--	55.2	43.0	12.0	11.3	--	--
	Flow	scfm	--	34	34	28	38	26	--
SB-17	WH Vac (Online)	inHg	--	--	--	--	--	--	--
Zone 4	WH Vac (Offline)	inH2O	--	--	--	--	--	--	--
	Mani Vac	inHg	--	--	--	--	--	--	--
	PID	ppm	--	--	--	--	--	--	--
	Flow	scfm	--	--	--	--	--	--	--
Well Field	Total Flow in Active Zones	scfm	114	154	146	182	220	188	170

Notes:

in HG - inches of mercury

inH2O - inches of water

Mani Vac - vacuum gauge reading on remediation well manifold

PID - photoionization detector

ppm - parts per million

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TABLE 6
GROUNDWATER ELEVATIONS
Florance GC J 16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Top of Casing Elevation (feet amsl)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet amsl)
SB01	6,501.96	3/22/2022	31.53	--	--	6,470.43
		6/9/2022	31.24	--	--	6,470.72
		12/14/2022	31.16	--	--	6,470.80
		3/27/2023	31.19	--	--	6,470.77
		6/6/2023	31.11	31.08	0.03	6,470.87
		12/15/2023	30.72	30.70	0.02	6,471.26
		2/8/2024	30.94	30.86	0.08	6,471.08
		6/20/2024	31.29	--	--	6,470.67
		9/10/2024	31.97	--	--	6,469.99
		12/2/2024	32.25	32.20	0.05	6,469.75
SB03	6,495.01	3/22/2022	23.27	--	--	6,471.74
		6/9/2022	23.24	--	--	6,471.77
		12/14/2022	23.45	--	--	6,471.56
		3/27/2023	22.27	--	--	6,472.74
		6/6/2023	21.27	--	--	6,473.74
		12/15/2023	20.94	--	--	6,474.07
		2/8/2024	21.80	--	--	6,473.21
		6/20/2024	DRY	--	--	DRY
		9/10/2024	21.67	--	--	6,473.34
		12/2/2024	21.91	--	--	6,473.10
SB04	6,499.61	3/22/2022	27.79	--	--	6,471.82
		6/9/2022	27.84	--	--	6,471.77
		12/14/2022	27.05	--	--	6,472.56
		3/27/2023	26.92	--	--	6,472.69
		6/6/2023	26.17	--	--	6,473.44
		12/15/2023	25.96	--	--	6,473.65
		2/8/2024	26.46	--	--	6,473.15
		6/20/2024	26.37	--	--	6,473.24
		9/10/2024	26.20	--	--	6,473.41
		12/2/2024	26.48	--	--	6,473.13
SB05	6,498.76	3/22/2022	24.71	--	--	6,474.05
		6/9/2022	25.28	--	--	6,473.48
		12/14/2022	24.98	--	--	6,473.78
		3/27/2023	24.12	--	--	6,474.64
		6/6/2023	24.60	--	--	6,474.16
		12/15/2023	24.21	--	--	6,474.55

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TABLE 6
GROUNDWATER ELEVATIONS
Florance GC J 16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Top of Casing Elevation (feet amsl)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet amsl)
SB05	6,498.76	2/8/2024	24.75	--	--	6,474.01
		6/20/2024	23.08	--	--	6,475.68
		9/10/2024	23.38	--	--	6,475.38
		12/2/2024	24.83	--	--	6,473.93
SB06	6,496.12	3/22/2022	25.10	--	--	6,471.02
		6/9/2022	24.17	--	--	6,471.95
		12/14/2022	24.68	--	--	6,471.44
		3/27/2023	24.59	--	--	6,471.53
		6/6/2023	23.60	--	--	6,472.52
		12/15/2023	23.19	--	--	6,472.93
		2/8/2024	24.10	--	--	6,472.02
		6/20/2024	24.40	--	--	6,471.72
		9/10/2024	24.28	--	--	6,471.84
		12/2/2024	24.22	--	--	6,471.90
SB07	6,500.29	3/22/2022	29.64	--	--	6,470.65
		6/9/2022	29.87	--	--	6,470.42
		12/14/2022	DRY	--	--	DRY
		3/27/2023	29.64	--	--	6,470.65
		6/6/2023	29.21	--	--	6,471.08
		12/15/2023	28.90	--	--	6,471.39
		2/8/2024	27.17	--	--	6,473.12
		6/20/2024	29.21	--	--	6,471.08
		9/10/2024	30.16	--	--	6,470.13
		12/2/2024	DRY	--	--	DRY
SB08	6,502.25	3/22/2022	30.62	--	--	6,471.63
		6/9/2022	31.08	--	--	6,471.17
		12/14/2022	DRY	--	--	DRY
		3/27/2023	30.56	--	--	6,471.69
		6/6/2023	30.36	30.34	0.02	6,471.89
		12/15/2023	29.97	--	--	6,472.28
		2/8/2024	30.54	--	--	6,471.71
		6/20/2024	30.61	--	--	6,471.64
		9/10/2024	31.36	--	--	6,470.89
		12/2/2024	31.76	--	--	6,470.49
SB09	6,504.18	3/22/2022	32.62	--	--	6,471.56
		6/9/2022	33.28	--	--	6,470.90
		12/14/2022	DRY	--	--	DRY
		3/27/2023	32.68	--	--	6,471.50
		6/6/2023	32.54	--	--	6,471.64

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TABLE 6
GROUNDWATER ELEVATIONS
Florance GC J 16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Top of Casing Elevation (feet amsl)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet amsl)
SB09	6,504.18	12/15/2023	32.09	--	--	6,472.09
		2/8/2024	32.68	--	--	6,471.50
		6/20/2024	32.44	--	--	6,471.74
		9/10/2024	32.98	--	--	6,471.20
		12/2/2024	DRY	--	--	DRY
SB10	6,506.04	3/22/2022	DRY	--	--	DRY
		6/9/2022	DRY	--	--	DRY
		12/14/2022	DRY	--	--	DRY
		3/27/2023	DRY	--	--	DRY
		6/6/2023	DRY	--	--	DRY
		12/15/2023	DRY	--	--	DRY
		2/8/2024	DRY	--	--	DRY
		6/20/2024	DRY	--	--	DRY
		9/10/2024	33.01	--	--	6,473.03
		12/2/2024	DRY	--	--	DRY
SB11	6,505.61	3/22/2022	32.16	--	--	6,473.45
		6/9/2022	37.80	--	--	6,467.81
		12/14/2022	32.32	--	--	6,473.29
		3/27/2023	32.25	--	--	6,473.36
		6/6/2023	32.41	--	--	6,473.20
		12/15/2023	32.03	--	--	6,473.58
		2/8/2024	32.01	--	--	6,473.60
		6/20/2024	32.35	--	--	6,473.26
		9/10/2024	31.95	--	--	6,473.66
		12/2/2024	32.03	--	--	6,473.58
SB12	6,508.42	3/22/2022	DRY	--	--	DRY
		6/9/2022	DRY	--	--	DRY
		12/14/2022	35.19	--	--	6,473.23
		3/27/2023	34.94	--	--	6,473.48
		6/6/2023	35.41	--	--	6,473.01
		12/15/2023	35.00	--	--	6,473.42
		2/8/2024	34.68	--	--	6,473.74
		6/20/2024	35.03	--	--	6,473.39
		9/10/2024	34.80	--	--	6,473.62
		12/2/2024	34.68	--	--	6,473.74
SB13	6,504.89	3/22/2022	34.96	--	--	6,469.93
		6/9/2022	35.22	--	--	6,469.67
		12/14/2022	34.74	--	--	6,470.15
		3/27/2023	NM	--	--	NM

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TABLE 6
GROUNDWATER ELEVATIONS
Florance GC J 16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Top of Casing Elevation (feet amsl)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet amsl)
SB13	6,504.89	6/6/2023	34.48	--	--	6,470.41
		12/15/2023	34.03	--	--	6,470.86
		2/8/2024	34.20	--	--	6,470.69
		6/20/2024	34.36	--	--	6,470.53
		9/10/2024	34.35	--	--	6,470.54
		12/2/2024	34.37	--	--	6,470.52
SB15	6,494.31	3/22/2022	21.72	--	--	6,472.59
		6/9/2022	21.65	--	--	6,472.66
		12/14/2022	20.98	--	--	6,473.33
		3/27/2023	20.88	--	--	6,473.43
		6/6/2023	19.84	--	--	6,474.47
		12/15/2023	19.58	--	--	6,474.73
		2/8/2024	20.42	--	--	6,473.89
		6/20/2024	20.31	--	--	6,474.00
		9/10/2024	20.31	--	--	6,474.00
		12/2/2024	20.47	--	--	6,473.84
SB16	6,492.07	3/22/2022	22.30	--	--	6,469.77
		6/9/2022	20.23	--	--	6,471.84
		12/14/2022	19.47	--	--	6,472.60
		3/27/2023	19.24	--	--	6,472.83
		6/6/2023	17.93	--	--	6,474.14
		12/15/2023	17.44	--	--	6,474.63
		2/8/2024	18.90	--	--	6,473.17
		6/20/2024	18.59	--	--	6,473.48
		9/10/2024	18.75	--	--	6,473.32
		12/2/2024	18.92	--	--	6,473.15
SB17	6,492.57	3/22/2022	DRY	--	--	DRY
		6/9/2022	DRY	--	--	DRY
		12/14/2022	DRY	--	--	DRY
		3/27/2023	DRY	--	--	DRY
		6/6/2023	DRY	--	--	DRY
		12/15/2023	DRY	--	--	DRY
		2/8/2024	21.56	--	--	6471.01
		6/20/2024	DRY	--	--	DRY
		9/10/2024	DRY	--	--	DRY
		12/2/2024	DRY	--	--	DRY
SB18	6,506.38	3/22/2022	34.56	--	--	6,471.82
		6/9/2022	DRY	--	--	DRY
		12/14/2022	37.33	37.18	0.15	6,465.65

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TABLE 6
GROUNDWATER ELEVATIONS
Florance GC J 16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Top of Casing Elevation (feet amsl)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet amsl)
SB18	6,506.38	3/27/2023	38.59	--	--	6,467.79
		6/6/2023	36.53	36.50	0.03	6,466.35
		12/15/2023	36.05	--	--	6,470.33
		2/8/2024	36.52	--	--	6,469.86
		6/20/2024	36.09	--	--	6,470.29
		9/10/2024	36.15	--	--	6,470.23
		12/2/2024	35.84	--	--	6,470.54
SB19	6,503.99	3/22/2022	35.69	--	--	6,468.30
		6/9/2022	30.32	--	--	6,473.67
		12/14/2022	35.91	--	--	6,468.08
		3/27/2023	36.00	--	--	6,467.99
		6/6/2023	36.06	--	--	6,467.93
		12/15/2023	DRY	--	--	DRY
		2/8/2024	35.46	--	--	6,468.53
		6/20/2024	35.20	--	--	6,468.79
		9/10/2024	35.32	--	--	6,468.67
		12/2/2024	35.12	--	--	6,468.87
MW-3R	6,502.86	3/22/2022	30.24	--	--	6,472.62
		6/9/2022	31.11	31.09	0.02	6,471.77
		12/14/2022	30.68	--	--	6,472.18
		3/27/2023	29.94	--	--	6,472.92
		6/6/2023	30.39	--	--	6,472.47
		12/15/2023	30.29	--	--	6,472.57
		2/8/2024	25.82	--	--	6,477.04
		6/20/2024	30.22	--	--	6,472.64
		9/10/2024	30.15	--	--	6,472.71
		12/2/2024	31.71	--	--	6,471.15
MW-4*	--	3/22/2022	35.55	--	--	--
		6/9/2022	34.82	--	--	--
		12/14/2022	34.88	--	--	--
		3/27/2023	35.26	--	--	--
		6/6/2023	35.04	--	--	--
		12/15/2023	34.46	--	--	--
		2/8/2024	NM	--	--	--
		6/20/2024	DRY	--	--	--
		9/10/2024	DRY	--	--	--
		12/2/2024	DRY	--	--	--
MW-6*	--	3/22/2022	33.44	--	--	--
		6/9/2022	32.96	--	--	--

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TABLE 6
GROUNDWATER ELEVATIONS
Florance GC J 16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Top of Casing Elevation (feet amsl)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-6*	--	12/14/2022	32.49	--	--	--
		3/27/2023	32.43	--	--	--
		6/6/2023	32.36	--	--	--
		12/15/2023	32.32	--	--	--
		2/8/2024	31.95	--	--	--
		6/20/2024	32.24	--	--	--
		9/10/2024	31.80	--	--	--
		12/2/2024	31.86	--	--	--
MW-8*	--	3/22/2022	36.20	--	--	--
		6/9/2022	36.34	--	--	--
		12/14/2022	35.85	--	--	--
		3/27/2023	35.82	--	--	--
		6/6/2023	35.56	--	--	--
		12/15/2023	35.49	--	--	--
		2/8/2024	34.95	--	--	--
		6/20/2024	DRY	--	--	--
		9/10/2024	35.20	--	--	--
		12/2/2024	35.02	--	--	--
MW-9*	--	3/22/2022	45.34	--	--	--
		6/9/2022	45.29	--	--	--
		12/14/2022	45.31	--	--	--
		3/27/2023	45.31	--	--	--
		6/6/2023	45.34	--	--	--
		12/15/2023	DRY	--	--	--
		2/8/2024	NM	--	--	--
		6/20/2024	DRY	--	--	--
		9/10/2024	45.01	--	--	--
		12/2/2024	45.04	--	--	--
MW-10*	--	3/22/2022	23.38	--	--	--
		6/9/2022	24.10	--	--	--
		12/14/2022	22.92	--	--	--
		3/27/2023	23.49	--	--	--
		6/6/2023	22.06	--	--	--
		12/15/2023	21.94	--	--	--
		2/8/2024	22.25	--	--	--
		6/20/2024	22.67	--	--	--
		9/10/2024	22.60	--	--	--
		12/2/2024	22.93	--	--	--
MW-11	6,492.85	3/22/2022	25.98	--	--	6,466.87
		6/9/2022	26.79	--	--	6,466.06

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TABLE 6
GROUNDWATER ELEVATIONS
Florance GC J 16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Top of Casing Elevation (feet amsl)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-11	6,492.85	12/14/2022	26.55	--	--	6,466.30
		3/27/2023	26.66	--	--	6,466.19
		6/6/2023	25.41	--	--	6,467.44
		12/15/2023	25.34	--	--	6,467.51
		2/8/2024	25.82	--	--	6,467.03
		6/20/2024	26.10	--	--	6,466.75
		9/10/2024	26.05	--	--	6,466.80
		12/2/2024	26.24	--	--	6,466.61
MW-12	6,503.57	3/22/2022	34.86	33.72	1.14	6,469.62
		6/9/2022	34.41	33.46	0.95	6,469.92
		12/14/2022	34.45	33.86	0.59	6,469.59
		3/27/2023	33.98	33.82	0.16	6,469.72
		6/6/2023	33.88	32.98	0.90	6,470.41
		12/15/2023	32.32	32.20	0.12	6,471.35
		2/8/2024	33.37	32.95	0.42	6,470.54
		6/20/2024	DRY	--	--	DRY
		9/10/2024	34.31	--	--	6,469.26
		12/2/2024	36.64	--	--	6,466.93
MW-13	6,490.03	3/22/2022	24.67	--	--	6,465.36
		6/9/2022	24.43	--	--	6,465.60
		12/14/2022	24.39	--	--	6,465.64
		3/27/2023	24.40	--	--	6,465.63
		6/6/2023	23.05	--	--	6,466.98
		12/15/2023	22.84	--	--	6,467.19
		2/8/2024	23.54	--	--	6,466.49
		6/20/2024	26.43	--	--	6,463.60
		9/10/2024	24.24	--	--	6,465.79
		12/2/2024	24.19	--	--	6,465.84
MW-14	6,476.22	3/22/2022	14.98	--	--	6,461.24
		6/9/2022	15.14	--	--	6,461.08
		12/14/2022	15.65	--	--	6,460.57
		3/27/2023	13.29	--	--	6,462.93
		6/6/2023	13.75	--	--	6,462.47
		12/15/2023	15.55	--	--	6,460.67
		2/8/2024	15.18	--	--	6,461.04
		6/20/2024	14.56	--	--	6,461.66
		9/10/2024	15.11	--	--	6,461.11
		12/2/2024	15.36	--	--	6,460.86

ENSOLUM

TABLE 6
GROUNDWATER ELEVATIONS
Florance GC J 16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Top of Casing Elevation (feet amsl)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-15	6,478.37	3/22/2022	16.31	16.22	0.09	6,462.13
		6/9/2022	16.49	16.32	0.17	6,462.02
		12/14/2022	16.32	--	--	6,462.05
		3/27/2023	15.21	--	--	6,463.16
		6/6/2023	DRY	--	--	DRY
		12/15/2023	16.08	--	--	6,462.29
		2/8/2024	16.40	--	--	6,461.97
		6/20/2024	DRY	--	--	DRY
		9/10/2024	16.30	--	--	6,462.07
		12/2/2024	16.57	16.44	0.13	6,461.90
MW-16	6,487.57	3/22/2022	22.73	--	--	6,464.84
		6/9/2022	22.73	--	--	6,464.84
		12/14/2022	22.74	--	--	6,464.83
		3/27/2023	22.75	--	--	6,464.82
		6/6/2023	DRY	--	--	DRY
		12/15/2023	23.69	--	--	6,463.88
		2/8/2024	22.71	--	--	6,464.86
		6/20/2024	DRY	--	--	DRY
		9/10/2024	22.70	--	--	6,464.87
		12/2/2024	DRY	--	--	DRY
MW-17	6,483.30	3/22/2022	22.29	--	--	6,461.01
		6/9/2022	22.35	--	--	6,460.95
		12/14/2022	22.42	--	--	6,460.88
		3/27/2023	22.54	--	--	6,460.76
		6/6/2023	22.54	--	--	6,460.76
		12/15/2023	22.51	--	--	6,460.79
		2/8/2024	22.61	--	--	6,460.69
		6/20/2024	22.65	--	--	6,460.65
		9/10/2024	22.58	--	--	6,460.72
		12/2/2024	22.67	--	--	6,460.63
MW-18	6,485.22	3/22/2022	24.37	--	--	6,460.85
		6/9/2022	24.44	--	--	6,460.78
		12/14/2022	24.29	--	--	6,460.93
		3/27/2023	25.03	--	--	6,460.19
		6/6/2023	25.14	--	--	6,460.08
		12/15/2023	24.39	--	--	6,460.83
		2/8/2024	24.87	--	--	6,460.35
		6/20/2024	25.17	--	--	6,460.05

ENSOLUM

TABLE 6
GROUNDWATER ELEVATIONS
Florance GC J 16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Top of Casing Elevation (feet amsl)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-18	6,485.22	9/10/2024	24.43	--	--	6,460.79
		12/2/2024	24.48	--	--	6,460.74
MW-19	6,492.35	3/22/2022	31.54	--	--	6,460.81
		6/9/2022	32.79	--	--	6,459.56
		12/14/2022	31.60	--	--	6,460.75
		3/27/2023	31.71	--	--	6,460.64
		6/6/2023	32.20	--	--	6,460.15
		12/15/2023	32.09	--	--	6,460.26
		2/8/2024	31.96	--	--	6,460.39
		6/20/2024	32.61	--	--	6,459.74
		9/10/2024	32.02	--	--	6,460.33
		12/2/2024	31.96	--	--	6,460.39
MW-20	6,493.38	3/22/2022	29.53	--	--	6,463.85
		6/9/2022	29.73	--	--	6,463.65
		12/14/2022	29.56	--	--	6,463.82
		3/27/2023	29.94	--	--	6,463.44
		6/6/2023	30.51	--	--	6,462.87
		12/15/2023	29.50	--	--	6,463.88
		2/8/2024	29.54	--	--	6,463.84
		6/20/2024	30.24	--	--	6,463.14
		9/10/2024	29.49	--	--	6,463.89
		12/2/2024	29.50	--	--	6,463.88
MW-21	6,508.15	3/22/2022	37.52	--	--	6,470.63
		6/9/2022	37.50	--	--	6,470.65
		12/14/2022	37.24	--	--	6,470.91
		3/27/2023	37.26	--	--	6,470.89
		6/6/2023	36.88	--	--	6,471.27
		12/15/2023	37.00	--	--	6,471.15
		2/8/2024	36.89	--	--	6,471.26
		6/20/2024	36.96	--	--	6,471.19
		9/10/2024	37.02	--	--	6,471.13
		12/2/2024	37.01	--	--	6,471.14
MW-22	6,497.15	3/22/2022	30.77	--	--	6,466.38
		6/9/2022	30.86	--	--	6,466.29
		12/14/2022	30.62	--	--	6,466.53
		3/27/2023	30.65	--	--	6,466.50
		6/6/2023	30.55	--	--	6,466.60
		12/15/2023	30.55	--	--	6,466.60
		2/8/2024	30.43	--	--	6,466.72

ENSOLUM

TABLE 6
GROUNDWATER ELEVATIONS
Florance GC J 16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Top of Casing Elevation (feet amsl)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-22	6,497.15	6/20/2024	30.37	--	--	6,466.78
		9/10/2024	30.35	--	--	6,466.80
		12/2/2024	30.34	--	--	6,466.81
MW-23	6,505.95	3/22/2022	37.10	--	--	6,468.85
		6/9/2022	38.21	--	--	6,467.74
		12/14/2022	37.75	--	--	6,468.20
		3/27/2023	37.83	--	--	6,468.12
		6/6/2023	37.64	--	--	6,468.31
		12/15/2023	37.62	--	--	6,468.33
		2/8/2024	37.34	--	--	6,468.61
		6/20/2024	37.56	--	--	6,468.39
		9/10/2024	37.44	--	--	6,468.51
		12/2/2024	37.28	--	--	6,468.67
MW-24	6,490.71	3/22/2022	29.81	--	--	6,460.90
		6/9/2022	29.93	--	--	6,460.78
		12/14/2022	30.00	--	--	6,460.71
		3/27/2023	30.12	--	--	6,460.59
		6/6/2023	30.16	--	--	6,460.55
		12/15/2023	30.21	--	--	6,460.50
		2/8/2024	30.20	--	--	6,460.51
		6/20/2024	30.28	--	--	6,460.43
		9/10/2024	30.32	--	--	6,460.39
		12/2/2024	30.35	--	--	6,460.36
MW-25	6,507.65	3/22/2022	35.69	--	--	6,471.96
		6/9/2022	35.15	--	--	6,472.50
		12/14/2022	34.78	--	--	6,472.87
		3/27/2023	35.09	--	--	6,472.56
		6/6/2023	34.98	--	--	6,472.67
		12/15/2023	35.02	--	--	6,472.63
		2/8/2024	35.07	--	--	6,472.58
		6/20/2024	35.17	--	--	6,472.48
		9/10/2024	35.24	--	--	6,472.41
		12/2/2024	35.23	--	--	6,472.42

Notes:

amsl: above mean sea level

BTOC: below top of casing

--: indicates no GWEL or PSH measured

Groundwater elevation is adjusted using a density correction factor of 0.8 when product is present

ENSOLUM

TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Florance GCJ #16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		5	1,000	700	620
SB01	6/4/2020	NS-LNAPL			
	9/17/2020	NS-LNAPL			
	6/6/2023	NS-LNAPL			
	12/15/2023	NS-LNAPL			
SB03	6/4/2020	**32**	8.1	69	720
	9/18/2020	**6.8**	<5.0	14	170
	6/7/2023	<2.0	<2.0	3.6	22
SB04	6/4/2020	NS			
	9/18/2020	<1.0	<1.0	11	63
	6/10/2022	2.1	4.4	14	49
	6/7/2023	<1.0	<1.0	3.2	5.3
SB05	6/4/2020	NS			
	9/18/2020	**460**	60	<10	380
	6/7/2023	**930**	780	45	**2,700**
SB06	6/4/2020	NS			
	9/18/2020	NS-LNAPL			
	6/7/2023	**8.7**	<5.0	91	610
SB07	6/4/2020	NS			
	9/17/2020	NS			
	6/6/2023				
SB08	6/4/2020	NS			
	9/17/2020	NS			
	6/6/2023	NS-LNAPL			
SB09	6/4/2020	NS			
	9/17/2020	NS			
	6/6/2023	NS			
SB10	6/4/2020	NS-DRY			
	9/17/2020	NS-DRY			
	6/6/2023	NS-DRY			
SB11	6/4/2020	NS			
	9/17/2020	NS			
	6/7/2023	**1,400**	<10	130	**770**

ENSOLUM

TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Florance GCJ #16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		**5**	**1,000**	**700**	**620**
SB12	6/4/2020	NS			
	9/17/2020	NS			
	6/6/2023	NS - Insufficient amount of water to sample			
SB13	6/5/2020	<1.0	<1.0	<1.0	<2.0
	9/18/2020	2.0	<1.0	<1.0	<1.5
	6/7/2023	<1.0	<1.0	<1.0	<1.5
SB15	6/4/2020	NS			
	9/18/2020	NS - Insufficient amount of water to sample			
	6/7/2023	<1.0	<1.0	<1.0	<1.5
	6/20/2024	<1.0	<1.0	<1.0	<2.0
SB16	6/4/2020	NS			
	9/17/2020	<1.0	<1.0	<1.0	<1.5
	6/10/2022	<1.0	<1.0	<1.0	<2.0
	6/7/2023	<1.0	<1.0	<1.0	<1.5
	6/20/2024	<1.0	<1.0	<1.0	<2.0
SB17	6/4/2020	NS-DRY			
	9/18/2020	NS-DRY			
	6/6/2023	NS-DRY			
SB18	6/5/2020	**7,400**	**9,100**	**760**	**9,800**
	9/18/2020	NS - Insufficient amount of water to sample			
	6/6/2023	NS-LNAPL			
SB19	6/4/2020	NS			
	9/18/2020	NS - Insufficient amount of water to sample			
	12/15/2022	NS - Insufficient amount of water to sample			
	6/6/2023	NS - Insufficient amount of water to sample			
	6/20/2024	**57**	80	2.6	160
	12/2/2024	**770**	**1,100**	75	**1,400**
MW-1	Destroyed during excavation/remediation activities				
MW-2	Destroyed during excavation/remediation activities				
MW-3R	6/4/2020	NS-LNAPL			
	9/18/2020	NS-LNAPL			
	6/7/2023	**1,500**	<100	170	**1,600**

ENSOLUM

TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Florance GCJ #16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		**5**	**1,000**	**700**	**620**
MW-4	6/4/2020	NS			
	9/17/2020	<1.0	<1.0	1.1	<1.5
	6/2/2021	<1.0	<1.0	<1.0	<2.0
	6/9/2022	<1.0	<1.0	<1.0	<2.0
	6/6/2023	<1.0	<1.0	<1.0	<2.0
MW-5	Destroyed during excavation/remediation activities				
MW-6	6/5/2020	<1.0	2.7	66	170
	9/18/2020	<1.0	1.1	1.7	180
	6/7/2023	<1.0	<1.0	<1.0	12
MW-7	Destroyed during excavation/remediation activities				
MW-8	6/4/2020	NS			
	9/17/2020	<1.0	<1.0	<1.0	<1.5
	6/2/2021	<1.0	<1.0	<1.0	<2.0
	6/9/2022	<1.0	<1.0	<1.0	<2.0
	6/7/2023	<1.0	<1.0	<1.0	<2.0
MW-9	6/4/2020	<1.0	<1.0	<1.0	<2.0
	9/17/2020	<1.0	<1.0	<1.0	<1.5
	6/6/2023	NS - Insufficient amount of water to sample			
MW-10	6/4/2020	**370**	46	86	**880**
	9/18/2020	**380**	<5.0	120	28
	6/7/2023	3.0	<1.0	<1.0	<2.0
MW-11	6/4/2020	NS			
	9/17/2020	<1.0	<1.0	<1.0	<1.5
	6/2/2021	<1.0	<1.0	<1.0	<2.0
	6/9/2022	<1.0	<1.0	<1.0	<2.0
	6/6/2023	<1.0	<1.0	<1.0	<2.0
	6/20/2024	<1.0	<1.0	<1.0	<2.0
MW-12	6/4/2020	NS-LNAPL			
	9/17/2020	NS-LNAPL			
	6/6/2023	NS-LNAPL			
	12/15/2023	NS-LNAPL			

ENSOLUM

TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Florance GCJ #16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		**5**	**1,000**	**700**	**620**
MW-13	6/4/2020	**1,100**	<20	160	460
	9/17/2020	**1,500**	<20	260	**890**
	6/6/2023	**8.4**	<1.0	1.3	<2.0
MW-14	6/4/2020	NS			
	9/17/2020	<1.0	<1.0	<1.0	<1.5
	12/17/2020	<1.0	<1.0	<1.0	<2.0
	6/2/2021	<1.0	<1.0	<1.0	<2.0
	6/10/2022	1.9	<1.0	<1.0	<2.0
	6/6/2023	<1.0	<1.0	<1.0	<2.0
	6/21/2024	**18**	<1.0	<1.0	<2.0
MW-15	6/4/2020	**8,600**	**10,000**	**800**	**9,600**
	9/17/2020	NS-LNAPL			
	6/6/2023	NS-DRY			
MW-16	6/4/2020	NS-DRY			
	9/17/2020	NS - Insufficient amount of water to sample			
	6/6/2023	NS-DRY			
MW-17	6/4/2020	NS			
	9/17/2020	<1.0	<1.0	<1.0	<1.5
	6/2/2021	<1.0	<1.0	<1.0	<2.0
	6/9/2022	<1.0	<1.0	<1.0	<2.0
	6/6/2023	<1.0	<1.0	<1.0	<2.0
	6/21/2024	<1.0	<1.0	<1.0	<2.0
MW-18	6/26/2020	<1.0	<1.0	<1.0	<1.5
	9/17/2020	<1.0	<1.0	<1.0	<1.5
	12/17/2020	<1.0	<1.0	<1.0	<2.0
	12/9/2021	<1.0	<1.0	<1.0	<2.0
	6/9/2022	<1.0	<1.0	<1.0	<2.0
	12/15/2022	NS - Insufficient amount of water to sample			
	6/6/2023	<1.0	<1.0	<1.0	<2.0
	12/15/2023	<1.0	<1.0	<1.0	<2.0
	12/2/2024	<1.0	<1.0	<1.0	<2.0

ENSOLUM

TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Florance GCJ #16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		**5**	**1,000**	**700**	**620**
MW-19	6/4/2020		NS-LNAPL		
	9/17/2020		NS-LNAPL		
	6/6/2023	**13**	<5.0	14	71
MW-20	6/4/2020	<1.0	<1.0	<1.0	<2.0
	9/17/2020	<1.0	<1.0	<1.0	<1.5
	12/17/2020	<1.0	<1.0	<1.0	<2.0
	6/6/2023	<2.0	<2.0	<2.0	<3.0
MW-21	6/4/2020	**9.6**	<1.0	23	21
	9/17/2020	**5.6**	<1.0	6.6	<1.5
	12/18/2020	4.1	1.5	5.6	2.6
	6/6/2023	<1.0	<1.0	<1.0	<1.5
MW-22	6/26/2020	<1.0	<1.0	<1.0	<1.5
	9/17/2020	<1.0	<1.0	<1.0	<1.5
	12/9/2021	<1.0	<1.0	<1.0	<1.5
	6/9/2022	<1.0	<1.0	<1.0	<2.0
	12/15/2022	<1.0	<1.0	<1.0	<2.0
	6/6/2023	<2.0	<2.0	<2.0	<3.0
	12/15/2023	<2.0	<2.0	<2.0	<4.0
	6/21/2024	<1.0	<1.0	<1.0	<2.0
	12/2/2024	<1.0	<1.0	<1.0	<2.0
MW-23	6/4/2020	1.8	<1.0	<1.0	<2.0
	9/17/2020	2.2	<1.0	<1.0	<1.5
	12/18/2020	1.5	<1.0	<1.0	<2.0
	6/6/2023	<1.0	<1.0	<1.0	<1.5

ENSOLUM

TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Florance GCJ #16A
Harvest Four Corners, LLC
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		**5**	**1,000**	**700**	**620**
MW-24	6/26/2020	<1.0	<1.0	5.3	<1.5
	9/17/2020	1.1	<1.0	5.9	<1.5
	12/17/2020	1.4	<1.0	5.9	<2.0
	12/9/2021	1.2	<1.0	1.4	<1.5
	6/9/2022	<1.0	<1.0	1.5	<2.0
	12/15/2022	<1.0	<1.0	<1.0	<2.0
	6/6/2023	<1.0	<1.0	1.0	<1.5
	12/15/2023	<1.0	<1.0	<1.0	<2.0
	6/21/2024	<1.0	<1.0	<1.0	<2.0
	12/2/2024	<1.0	<1.0	<1.0	<2.0
MW-25	6/4/2020	<1.0	<1.0	<1.0	<2.0
	9/17/2020	<1.0	<1.0	<1.0	<1.5
	12/18/2020	<1.0	<1.0	<1.0	<2.0
	6/7/2023	<2.0	<2.0	<2.0	<3.0

Notes:

LNAPL - light non-aqueous phase liquid

µg/L - micrograms per Liter

NMWQCC - New Mexico Water Quality Control Commission

NS - not sampled

Bold indicates result exceeds applicable standard

ENSOLUM

APPENDIX A

Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/17/2024 4:10:24 PM

JOB DESCRIPTION

Florance GC J16A

JOB NUMBER

885-11678-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
9/17/2024 4:10:24 PM

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

Client: Harvest
Project/Site: Florance GC J16A

Laboratory Job ID: 885-11678-1

Table of Contents

Definitions/Glossary

Client: Harvest Job ID: 885-11678-1
Project/Site: Florance GC J16A

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: Florance GC J16A

Job ID: 885-11678-1

Job ID: 885-11678-1 Eurofins Albuquerque

Job Narrative
885-11678-1

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 9/12/2024 7:05 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 20.9°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: Florance GC J16A

Job ID: 885-11678-1

Client Sample ID: Influent 9-11-24

Lab Sample ID: 885-11678-1

Date Collected: 09/11/24 14:20
Matrix: Air
Date Received: 09/12/24 07:05
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]	320		10		ug/L			09/13/24 15:27	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*307*		*15 - 412*		*09/13/24 15:27*	*2*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.27		0.20		ug/L			09/13/24 15:27	2
Ethylbenzene	0.32		0.20		ug/L			09/13/24 15:27	2
Toluene	0.41		0.20		ug/L			09/13/24 15:27	2
Xylenes, Total	1.5		0.40		ug/L			09/13/24 15:27	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*09/13/24 15:27*	*2*

QC Sample Results

Client: Harvest
Project/Site: Florance GC J16A

Job ID: 885-11678-1

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

Lab Sample ID: MB 885-12300/12
Matrix: Air
Analysis Batch: 12300

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			09/13/24 13:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 412*		*09/13/24 13:06*	*1*

Lab Sample ID: LCS 885-12300/11
Matrix: Air
Analysis Batch: 12300

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	49.8		ug/L		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*207*		*15 - 412*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-12301/12
Matrix: Air
Analysis Batch: 12301

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			09/13/24 13:06	1
Ethylbenzene	ND		0.10		ug/L			09/13/24 13:06	1
Toluene	ND		0.10		ug/L			09/13/24 13:06	1
Xylenes, Total	ND		0.20		ug/L			09/13/24 13:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*09/13/24 13:06*	*1*

Lab Sample ID: LCS 885-12301/11
Matrix: Air
Analysis Batch: 12301

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	1.96		ug/L		98	70 - 130		
Ethylbenzene			2.00	1.81		ug/L		91	70 - 130		
m&p-Xylene			4.00	3.61		ug/L		90	70 - 130		
o-Xylene			2.00	1.73		ug/L		87	70 - 130		
Toluene			2.00	1.87		ug/L		94	70 - 130		
Xylenes, Total			6.00	5.34		ug/L		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*

QC Association Summary

Client: Harvest
Job ID: 885-11678-1
Project/Site: Florance GC J16A

GC VOA

Analysis Batch: 12300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11678-1	Influent 9-11-24	Total/NA	Air	8015M/D	
MB 885-12300/12	Method Blank	Total/NA	Air	8015M/D	
LCS 885-12300/11	Lab Control Sample	Total/NA	Air	8015M/D	

Analysis Batch: 12301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11678-1	Influent 9-11-24	Total/NA	Air	8021B	
MB 885-12301/12	Method Blank	Total/NA	Air	8021B	
LCS 885-12301/11	Lab Control Sample	Total/NA	Air	8021B	

Lab Chronicle

Client: Harvest
Job ID: 885-11678-1
Project/Site: Florance GC J16A

Client Sample ID: Influent 9-11-24
Lab Sample ID: 885-11678-1
Date Collected: 09/11/24 14:20
Matrix: Air
Date Received: 09/12/24 07:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015M/D		2	12300	JP	EET ALB	09/13/24 15:27
Total/NA	Analysis	8021B		2	12301	JP	EET ALB	09/13/24 15:27

Laboratory References:

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

Accreditation/Certification Summary

Client: Harvest
Job ID: 885-11678-1
Project/Site: Florance GC J16A

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 Four Corners
Monica Smith
Mailing Address:
Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: Florance GC J16A
Project #:
Project Manager: D. Burns
Sampler: DB
On Ice: ☐ Yes ☒ No chucky
# of Coolers: 1
Cooler Temp(including CF): 21.1-0.2=20.9 (°C)

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

885-11678 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)
9-11 2024	14:20	Air	Influent 9-11-24	1-Tedlar	—	1	X	X								

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
9-11 2024	16:00		Imo Wan		9/11/24	1600
9/11/24	1727	Chase Walker		Courier	9/12/24	7:05

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

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: 885-11678-1

Login Number: 11678 **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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/13/2024 1:49:21 PM

JOB DESCRIPTION

F10 GCJ 16A

JOB NUMBER

885-16140-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

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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12/13/2024 1:49:21 PM

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

Client: Harvest
Project/Site: F10 GCJ 16A

Laboratory Job ID: 885-16140-1

Table of Contents

Definitions/Glossary

Client: Harvest
Project/Site: F10 GCJ 16A

Job ID: 885-16140-1

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: F10 GCJ 16A

Job ID: 885-16140-1

Job ID: 885-16140-1 Eurofins Albuquerque

Job Narrative
885-16140-1

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

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

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

Receipt
The samples were received on 12/3/2024 6:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.5°C and 3.0°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: F10 GCJ 16A

Job ID: 885-16140-1

Client Sample ID: Inf 12-2

Lab Sample ID: 885-16140-1

Date Collected: 12/02/24 12:30
Matrix: Air
Date Received: 12/03/24 06:35
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]	330		5.0		ug/L			12/11/24 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*160*		*15 - 412*		*12/11/24 12:52*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.17		0.10		ug/L			12/11/24 12:52	1
Ethylbenzene	0.37		0.10		ug/L			12/11/24 12:52	1
Toluene	0.13		0.10		ug/L			12/11/24 12:52	1
Xylenes, Total	1.4		0.20		ug/L			12/11/24 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*12/11/24 12:52*	*1*

Client Sample Results

Client: Harvest
Project/Site: F10 GCJ 16A

Job ID: 885-16140-1

Client Sample ID: MW-18
Date Collected: 12/02/24 12:25
Date Received: 12/03/24 06:35

Lab Sample ID: 885-16140-2
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			12/03/24 18:22	1
Ethylbenzene	ND		1.0		ug/L			12/03/24 18:22	1
Toluene	ND		1.0		ug/L			12/03/24 18:22	1
Xylenes, Total	ND		2.0		ug/L			12/03/24 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*43 - 158*		*12/03/24 18:22*	*1*

Client Sample Results

Client: Harvest
Project/Site: F10 GCJ 16A

Job ID: 885-16140-1

Client Sample ID: MW-22
Date Collected: 12/02/24 13:24
Date Received: 12/03/24 06:35

Lab Sample ID: 885-16140-3
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			12/03/24 18:45	1
Ethylbenzene	ND		1.0		ug/L			12/03/24 18:45	1
Toluene	ND		1.0		ug/L			12/03/24 18:45	1
Xylenes, Total	ND		2.0		ug/L			12/03/24 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*43 - 158*		*12/03/24 18:45*	*1*

Client Sample Results

Client: Harvest
Project/Site: F10 GCJ 16A

Job ID: 885-16140-1

Client Sample ID: MW-24
Date Collected: 12/02/24 12:46
Date Received: 12/03/24 06:35

Lab Sample ID: 885-16140-4
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			12/03/24 19:09	1
Ethylbenzene	ND		1.0		ug/L			12/03/24 19:09	1
Toluene	ND		1.0		ug/L			12/03/24 19:09	1
Xylenes, Total	ND		2.0		ug/L			12/03/24 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*43 - 158*		*12/03/24 19:09*	*1*

Client Sample Results

Client: Harvest
Project/Site: F10 GCJ 16A

Job ID: 885-16140-1

Client Sample ID: SB-19

Date Collected: 12/02/24 14:10
Date Received: 12/03/24 06:35

Lab Sample ID: 885-16140-5

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	770		20		ug/L			12/04/24 10:19	20
Ethylbenzene	75		2.0		ug/L			12/03/24 19:32	2
Toluene	1100		20		ug/L			12/04/24 10:19	20
Xylenes, Total	1400		40		ug/L			12/04/24 10:19	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*43 - 158*		*12/03/24 19:32*	*2*

QC Sample Results

Client: Harvest
Project/Site: F10 GCJ 16A

Job ID: 885-16140-1

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

Lab Sample ID: MB 885-17488/8
Matrix: Air
Analysis Batch: 17488

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			12/11/24 12:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 412*		*12/11/24 12:30*	*1*

Lab Sample ID: LCS 885-17488/7
Matrix: Air
Analysis Batch: 17488

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	43.3		ug/L		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*195*		*15 - 412*

Lab Sample ID: 885-16140-1 DU
Matrix: Air
Analysis Batch: 17488

Client Sample ID: Inf 12-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	330			341		ug/L				4	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*171*		*15 - 412*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-16953/6
Matrix: Water
Analysis Batch: 16953

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			12/03/24 11:39	1
Ethylbenzene	ND		1.0		ug/L			12/03/24 11:39	1
Toluene	ND		1.0		ug/L			12/03/24 11:39	1
Xylenes, Total	ND		2.0		ug/L			12/03/24 11:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*43 - 158*		*12/03/24 11:39*	*1*

Lab Sample ID: LCS 885-16953/5
Matrix: Water
Analysis Batch: 16953

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	21.2		ug/L		106	70 - 130		

QC Sample Results

Client: Harvest
Project/Site: F10 GCJ 16A

Job ID: 885-16140-1

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

Lab Sample ID: LCS 885-16953/5
Matrix: Water
Analysis Batch: 16953

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	20.0	22.1		ug/L		111	70 - 130
m&p-Xylene	40.0	43.5		ug/L		109	70 - 130
o-Xylene	20.0	21.6		ug/L		108	70 - 130
Toluene	20.0	22.1		ug/L		110	70 - 130
Xylenes, Total	60.0	65.1		ug/L		109	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*43 - 158*

Lab Sample ID: MB 885-17489/8
Matrix: Air
Analysis Batch: 17489

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			12/11/24 12:30	1
Ethylbenzene	ND		0.10	ug/L			12/11/24 12:30	1
Toluene	ND		0.10	ug/L			12/11/24 12:30	1
Xylenes, Total	ND		0.20	ug/L			12/11/24 12:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*12/11/24 12:30*	*1*

Lab Sample ID: LCS 885-17489/5
Matrix: Air
Analysis Batch: 17489

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	1.88		ug/L		94	70 - 130
Ethylbenzene	2.00	1.95		ug/L		97	70 - 130
m&p-Xylene	4.00	3.89		ug/L		97	70 - 130
o-Xylene	2.00	1.95		ug/L		97	70 - 130
Toluene	2.00	1.94		ug/L		97	70 - 130
Xylenes, Total	6.00	5.84		ug/L		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 885-16140-1 DU
Matrix: Air
Analysis Batch: 17489

Client Sample ID: Inf 12-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Benzene	0.17		0.179		ug/L		4	20
Ethylbenzene	0.37		0.379		ug/L		1	20
Toluene	0.13		0.137		ug/L		8	20
Xylenes, Total	1.4		1.43		ug/L		4	20

QC Sample Results

Client: Harvest
Project/Site: F10 GCJ 16A

Job ID: 885-16140-1

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

Lab Sample ID: 885-16140-1 DU
Matrix: Air
Analysis Batch: 17489

Client Sample ID: Inf 12-2
Prep Type: Total/NA

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

QC Association Summary

Client: Harvest
Project/Site: F10 GCJ 16A

Job ID: 885-16140-1

GC VOA

Analysis Batch: 16953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16140-2	MW-18	Total/NA	Water	8021B	
885-16140-3	MW-22	Total/NA	Water	8021B	
885-16140-4	MW-24	Total/NA	Water	8021B	
885-16140-5	SB-19	Total/NA	Water	8021B	
MB 885-16953/6	Method Blank	Total/NA	Water	8021B	
LCS 885-16953/5	Lab Control Sample	Total/NA	Water	8021B	

Analysis Batch: 16982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16140-5	SB-19	Total/NA	Water	8021B	

Analysis Batch: 17488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16140-1	Inf 12-2	Total/NA	Air	8015M/D	
MB 885-17488/8	Method Blank	Total/NA	Air	8015M/D	
LCS 885-17488/7	Lab Control Sample	Total/NA	Air	8015M/D	
885-16140-1 DU	Inf 12-2	Total/NA	Air	8015M/D	

Analysis Batch: 17489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16140-1	Inf 12-2	Total/NA	Air	8021B	
MB 885-17489/8	Method Blank	Total/NA	Air	8021B	
LCS 885-17489/5	Lab Control Sample	Total/NA	Air	8021B	
885-16140-1 DU	Inf 12-2	Total/NA	Air	8021B	

Lab Chronicle

Client: Harvest
Project/Site: F10 GCJ 16A

Job ID: 885-16140-1

Client Sample ID: Inf 12-2
Date Collected: 12/02/24 12:30
Date Received: 12/03/24 06:35

Lab Sample ID: 885-16140-1
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015M/D		1	17488	AT	EET ALB	12/11/24 12:52
Total/NA	Analysis	8021B		1	17489	AT	EET ALB	12/11/24 12:52

Client Sample ID: MW-18
Date Collected: 12/02/24 12:25
Date Received: 12/03/24 06:35

Lab Sample ID: 885-16140-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	16953	JP	EET ALB	12/03/24 18:22

Client Sample ID: MW-22
Date Collected: 12/02/24 13:24
Date Received: 12/03/24 06:35

Lab Sample ID: 885-16140-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	16953	JP	EET ALB	12/03/24 18:45

Client Sample ID: MW-24
Date Collected: 12/02/24 12:46
Date Received: 12/03/24 06:35

Lab Sample ID: 885-16140-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	16953	JP	EET ALB	12/03/24 19:09

Client Sample ID: SB-19
Date Collected: 12/02/24 14:10
Date Received: 12/03/24 06:35

Lab Sample ID: 885-16140-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		2	16953	JP	EET ALB	12/03/24 19:32
Total/NA	Analysis	8021B		20	16982	JP	EET ALB	12/04/24 10:19

Laboratory References:

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

Accreditation/Certification Summary

Client: Harvest
Project/Site: F10 GCJ 16A

Job ID: 885-16140-1

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
8021B		Water	Benzene
8021B		Water	Ethylbenzene
8021B		Water	Toluene
8021B		Water	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
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#: msmith@harvestmidstream.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☒ EDD (Type)

Turn-Around Time: 5-day

☒ Standard ☐ Rush

Project Name: FIO GCJ 16A

Project #:

Project Manager: Reece Hanson - Ensolum

Sampler: E.Carroll / Z. Myers

On Ice: ☒ Yes ☐ No

# of Coolers: 2

Cooler Temp(including CF): 2.8+0.2=3.0 (°C) 0.3+0.2=0.5 yoi

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87

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

885-16140 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)						
12-2	1230	Air	Inf 12-2	(1) Tedlar	N/A	1	X	X														
↓	1225	GW	MW-18	3 VOA	HCl	2	X															
	1324	↓	MW-22	↓	↓	3	X															
	1246		MW-24			4	X															
↓	1410	↓	SB-19			5	X															

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
12-2	1512	Erik Carroll	[signature]		12/2/24	1512
12/2/24	1740	[signature]	[signature]	Courier	12/3/24	6:35

Remarks: Cc: 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.

Login Sample Receipt Checklist

Client: Harvest Job Number: 885-16140-1

Login Number: 16140 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

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

Generated 1/13/2025 10:30:02 AM

JOB DESCRIPTION

Florance GCJ 16A

JOB NUMBER

885-17809-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
1/13/2025 10:30:02 AM

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

Client: Harvest
Project/Site: Florance GCJ 16A

Laboratory Job ID: 885-17809-1

Table of Contents

Definitions/Glossary

Client: Harvest Job ID: 885-17809-1
Project/Site: Florance GCJ 16A

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: Florance GCJ 16A

Job ID: 885-17809-1

Job ID: 885-17809-1 Eurofins Albuquerque

Job Narrative
885-17809-1

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 1/3/2025 7:30 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 0.5°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.

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

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 885-19079 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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: Florance GCJ 16A

Job ID: 885-17809-1

Client Sample ID: Influent 12-31-24

Lab Sample ID: 885-17809-1

Date Collected: 12/31/24 12:00
Matrix: Air
Date Received: 01/03/25 07:30
Sample Container: Tedlar Bag 1L

Method: SW846 8015M/D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	430		10		ug/L			01/09/25 17:08	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*52 - 172*		*01/09/25 17:08*	*2*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.20		ug/L			01/09/25 17:08	2
1,1,1-Trichloroethane	ND		0.20		ug/L			01/09/25 17:08	2
1,1,2,2-Tetrachloroethane	ND		0.40		ug/L			01/09/25 17:08	2
1,1,2-Trichloroethane	ND		0.20		ug/L			01/09/25 17:08	2
1,1-Dichloroethane	ND		0.20		ug/L			01/09/25 17:08	2
1,1-Dichloroethene	ND		0.20		ug/L			01/09/25 17:08	2
1,1-Dichloropropene	ND		0.20		ug/L			01/09/25 17:08	2
1,2,3-Trichlorobenzene	ND		0.20		ug/L			01/09/25 17:08	2
1,2,3-Trichloropropane	ND		0.40		ug/L			01/09/25 17:08	2
1,2,4-Trichlorobenzene	ND		0.20		ug/L			01/09/25 17:08	2
1,2,4-Trimethylbenzene	ND		0.20		ug/L			01/09/25 17:08	2
1,2-Dibromo-3-Chloropropane	ND		0.40		ug/L			01/09/25 17:08	2
1,2-Dibromoethane (EDB)	ND		0.20		ug/L			01/09/25 17:08	2
1,2-Dichlorobenzene	ND		0.20		ug/L			01/09/25 17:08	2
1,2-Dichloroethane (EDC)	ND		0.20		ug/L			01/09/25 17:08	2
1,2-Dichloropropane	ND		0.20		ug/L			01/09/25 17:08	2
1,3,5-Trimethylbenzene	0.40		0.20		ug/L			01/09/25 17:08	2
1,3-Dichlorobenzene	ND		0.20		ug/L			01/09/25 17:08	2
1,3-Dichloropropane	ND		0.20		ug/L			01/09/25 17:08	2
1,4-Dichlorobenzene	ND		0.20		ug/L			01/09/25 17:08	2
1-Methylnaphthalene	ND		0.80		ug/L			01/09/25 17:08	2
2,2-Dichloropropane	ND		0.40		ug/L			01/09/25 17:08	2
2-Butanone	ND		2.0		ug/L			01/09/25 17:08	2
2-Chlorotoluene	ND		0.20		ug/L			01/09/25 17:08	2
2-Hexanone	ND		2.0		ug/L			01/09/25 17:08	2
2-Methylnaphthalene	ND		0.80		ug/L			01/09/25 17:08	2
4-Chlorotoluene	ND		0.20		ug/L			01/09/25 17:08	2
4-Isopropyltoluene	ND		0.20		ug/L			01/09/25 17:08	2
4-Methyl-2-pentanone	ND		2.0		ug/L			01/09/25 17:08	2
Acetone	ND		2.0		ug/L			01/09/25 17:08	2
Benzene	ND		0.20		ug/L			01/09/25 17:08	2
Bromobenzene	ND		0.20		ug/L			01/09/25 17:08	2
Bromodichloromethane	ND		0.20		ug/L			01/09/25 17:08	2
Dibromochloromethane	ND		0.20		ug/L			01/09/25 17:08	2
Bromoform	ND		0.20		ug/L			01/09/25 17:08	2
Bromomethane	ND		0.60		ug/L			01/09/25 17:08	2
Carbon disulfide	ND		2.0		ug/L			01/09/25 17:08	2
Carbon tetrachloride	ND		0.20		ug/L			01/09/25 17:08	2
Chlorobenzene	ND		0.20		ug/L			01/09/25 17:08	2
Chloroethane	ND		0.40		ug/L			01/09/25 17:08	2
Chloroform	ND		0.20		ug/L			01/09/25 17:08	2

Client Sample Results

Client: Harvest
Project/Site: Florance GCJ 16A

Job ID: 885-17809-1

Client Sample ID: Influent 12-31-24

Lab Sample ID: 885-17809-1

Date Collected: 12/31/24 12:00
Matrix: Air
Date Received: 01/03/25 07:30
Sample Container: Tedlar Bag 1L

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		0.60		ug/L			01/09/25 17:08	2
cis-1,2-Dichloroethene	ND		0.20		ug/L			01/09/25 17:08	2
cis-1,3-Dichloropropene	ND		0.20		ug/L			01/09/25 17:08	2
Dibromomethane	ND		0.20		ug/L			01/09/25 17:08	2
Dichlorodifluoromethane	ND		0.20		ug/L			01/09/25 17:08	2
Ethylbenzene	ND		0.20		ug/L			01/09/25 17:08	2
Hexachlorobutadiene	ND		0.20		ug/L			01/09/25 17:08	2
Isopropylbenzene	ND		0.20		ug/L			01/09/25 17:08	2
Methyl-tert-butyl Ether (MTBE)	ND		0.20		ug/L			01/09/25 17:08	2
Methylene Chloride	ND		0.60		ug/L			01/09/25 17:08	2
n-Butylbenzene	ND		0.60		ug/L			01/09/25 17:08	2
N-Propylbenzene	ND		0.20		ug/L			01/09/25 17:08	2
Naphthalene	ND		0.40		ug/L			01/09/25 17:08	2
sec-Butylbenzene	ND		0.20		ug/L			01/09/25 17:08	2
Styrene	ND		0.20		ug/L			01/09/25 17:08	2
tert-Butylbenzene	ND		0.20		ug/L			01/09/25 17:08	2
Tetrachloroethene (PCE)	ND		0.20		ug/L			01/09/25 17:08	2
Toluene	ND		0.20		ug/L			01/09/25 17:08	2
trans-1,2-Dichloroethene	ND		0.20		ug/L			01/09/25 17:08	2
trans-1,3-Dichloropropene	ND		0.20		ug/L			01/09/25 17:08	2
Trichloroethene (TCE)	ND		0.20		ug/L			01/09/25 17:08	2
Trichlorofluoromethane	ND		0.20		ug/L			01/09/25 17:08	2
Vinyl chloride	ND		0.20		ug/L			01/09/25 17:08	2
Xylenes, Total	**1.7**		0.30		ug/L			01/09/25 17:08	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*01/09/25 17:08*	*2*
Toluene-d8 (Surr)	*103*		*70 - 130*		*01/09/25 17:08*	*2*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*01/09/25 17:08*	*2*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*01/09/25 17:08*	*2*

QC Sample Results

Client: Harvest
Project/Site: Florance GCJ 16A

Job ID: 885-17809-1

Method: 8015M/D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Lab Sample ID: MB 885-19082/5
Matrix: Air
Analysis Batch: 19082

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			01/09/25 16:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*52 - 172*		*01/09/25 16:39*	*1*

Lab Sample ID: LCS 885-19082/4
Matrix: Air
Analysis Batch: 19082

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]			500	517		ug/L		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*52 - 172*

Lab Sample ID: 885-17809-1 DU
Matrix: Air
Analysis Batch: 19082

Client Sample ID: Influent 12-31-24
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	430			432		ug/L				0.7	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*52 - 172*

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

Lab Sample ID: MB 885-19079/7
Matrix: Air
Analysis Batch: 19079

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		0.10		ug/L			01/09/25 16:39	1
1,1,1-Trichloroethane	ND		0.10		ug/L			01/09/25 16:39	1
1,1,2,2-Tetrachloroethane	ND		0.20		ug/L			01/09/25 16:39	1
1,1,2-Trichloroethane	ND		0.10		ug/L			01/09/25 16:39	1
1,1-Dichloroethane	ND		0.10		ug/L			01/09/25 16:39	1
1,1-Dichloroethene	ND		0.10		ug/L			01/09/25 16:39	1
1,1-Dichloropropene	ND		0.10		ug/L			01/09/25 16:39	1
1,2,3-Trichlorobenzene	ND		0.10		ug/L			01/09/25 16:39	1
1,2,3-Trichloropropane	ND		0.20		ug/L			01/09/25 16:39	1
1,2,4-Trichlorobenzene	ND		0.10		ug/L			01/09/25 16:39	1
1,2,4-Trimethylbenzene	ND		0.10		ug/L			01/09/25 16:39	1
1,2-Dibromo-3-Chloropropane	ND		0.20		ug/L			01/09/25 16:39	1
1,2-Dibromoethane (EDB)	ND		0.10		ug/L			01/09/25 16:39	1
1,2-Dichlorobenzene	ND		0.10		ug/L			01/09/25 16:39	1

QC Sample Results

Client: Harvest
Project/Site: Florance GCJ 16A

Job ID: 885-17809-1

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

Lab Sample ID: MB 885-19079/7
Matrix: Air
Analysis Batch: 19079

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane (EDC)	ND		0.10		ug/L			01/09/25 16:39	1
1,2-Dichloropropane	ND		0.10		ug/L			01/09/25 16:39	1
1,3,5-Trimethylbenzene	ND		0.10		ug/L			01/09/25 16:39	1
1,3-Dichlorobenzene	ND		0.10		ug/L			01/09/25 16:39	1
1,3-Dichloropropane	ND		0.10		ug/L			01/09/25 16:39	1
1,4-Dichlorobenzene	ND		0.10		ug/L			01/09/25 16:39	1
1-Methylnaphthalene	ND		0.40		ug/L			01/09/25 16:39	1
2,2-Dichloropropane	ND		0.20		ug/L			01/09/25 16:39	1
2-Butanone	ND		1.0		ug/L			01/09/25 16:39	1
2-Chlorotoluene	ND		0.10		ug/L			01/09/25 16:39	1
2-Hexanone	ND		1.0		ug/L			01/09/25 16:39	1
2-Methylnaphthalene	ND		0.40		ug/L			01/09/25 16:39	1
4-Chlorotoluene	ND		0.10		ug/L			01/09/25 16:39	1
4-Isopropyltoluene	ND		0.10		ug/L			01/09/25 16:39	1
4-Methyl-2-pentanone	ND		1.0		ug/L			01/09/25 16:39	1
Acetone	ND		1.0		ug/L			01/09/25 16:39	1
Benzene	ND		0.10		ug/L			01/09/25 16:39	1
Bromobenzene	ND		0.10		ug/L			01/09/25 16:39	1
Bromodichloromethane	ND		0.10		ug/L			01/09/25 16:39	1
Dibromochloromethane	ND		0.10		ug/L			01/09/25 16:39	1
Bromoform	ND		0.10		ug/L			01/09/25 16:39	1
Bromomethane	ND		0.30		ug/L			01/09/25 16:39	1
Carbon disulfide	ND		1.0		ug/L			01/09/25 16:39	1
Carbon tetrachloride	ND		0.10		ug/L			01/09/25 16:39	1
Chlorobenzene	ND		0.10		ug/L			01/09/25 16:39	1
Chloroethane	ND		0.20		ug/L			01/09/25 16:39	1
Chloroform	ND		0.10		ug/L			01/09/25 16:39	1
Chloromethane	ND		0.30		ug/L			01/09/25 16:39	1
cis-1,2-Dichloroethene	ND		0.10		ug/L			01/09/25 16:39	1
cis-1,3-Dichloropropene	ND		0.10		ug/L			01/09/25 16:39	1
Dibromomethane	ND		0.10		ug/L			01/09/25 16:39	1
Dichlorodifluoromethane	ND		0.10		ug/L			01/09/25 16:39	1
Ethylbenzene	ND		0.10		ug/L			01/09/25 16:39	1
Hexachlorobutadiene	ND		0.10		ug/L			01/09/25 16:39	1
Isopropylbenzene	ND		0.10		ug/L			01/09/25 16:39	1
Methyl-tert-butyl Ether (MTBE)	ND		0.10		ug/L			01/09/25 16:39	1
Methylene Chloride	ND		0.30		ug/L			01/09/25 16:39	1
n-Butylbenzene	ND		0.30		ug/L			01/09/25 16:39	1
N-Propylbenzene	ND		0.10		ug/L			01/09/25 16:39	1
Naphthalene	ND		0.20		ug/L			01/09/25 16:39	1
sec-Butylbenzene	ND		0.10		ug/L			01/09/25 16:39	1
Styrene	ND		0.10		ug/L			01/09/25 16:39	1
tert-Butylbenzene	ND		0.10		ug/L			01/09/25 16:39	1
Tetrachloroethene (PCE)	ND		0.10		ug/L			01/09/25 16:39	1
Toluene	ND		0.10		ug/L			01/09/25 16:39	1
trans-1,2-Dichloroethene	ND		0.10		ug/L			01/09/25 16:39	1
trans-1,3-Dichloropropene	ND		0.10		ug/L			01/09/25 16:39	1
Trichloroethene (TCE)	ND		0.10		ug/L			01/09/25 16:39	1
Trichlorofluoromethane	ND		0.10		ug/L			01/09/25 16:39	1

QC Sample Results

Client: Harvest
Project/Site: Florance GCJ 16A

Job ID: 885-17809-1

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

Lab Sample ID: MB 885-19079/7
Matrix: Air
Analysis Batch: 19079

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.10		ug/L			01/09/25 16:39	1
Xylenes, Total	ND		0.15		ug/L			01/09/25 16:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*01/09/25 16:39*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*01/09/25 16:39*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/09/25 16:39*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*01/09/25 16:39*	*1*

Lab Sample ID: LCS 885-19079/6
Matrix: Air
Analysis Batch: 19079

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			20.1	20.3		ug/L		101	70 - 130		
Benzene			20.1	21.6		ug/L		107	70 - 130		
Chlorobenzene			20.1	20.9		ug/L		104	70 - 130		
Toluene			20.2	20.7		ug/L		103	70 - 130		
Trichloroethene (TCE)			20.2	18.8		ug/L		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

Lab Sample ID: 885-17809-1 DU
Matrix: Air
Analysis Batch: 19079

Client Sample ID: Influent 12-31-24
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
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	0.40			0.381		ug/L				5	20

QC Sample Results

Client: Harvest
Project/Site: Florance GCJ 16A

Job ID: 885-17809-1

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

Lab Sample ID: 885-17809-1 DU
Matrix: Air
Analysis Batch: 19079

Client Sample ID: Influent 12-31-24
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
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	ND			ND		ug/L				NC	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
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	ND			ND		ug/L				NC	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	1.7			1.73		ug/L				0.06	20

QC Sample Results

Client: Harvest
Project/Site: Florance GCJ 16A

Job ID: 885-17809-1

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

Lab Sample ID: 885-17809-1 DU
Matrix: Air
Analysis Batch: 19079

Client Sample ID: Influent 12-31-24
Prep Type: Total/NA

Surrogate	DU %Recovery	DU Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*

QC Association Summary

Client: Harvest
Job ID: 885-17809-1
Project/Site: Florance GCJ 16A

GC/MS VOA

Analysis Batch: 19079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-17809-1	Influent 12-31-24	Total/NA	Air	8260B	
MB 885-19079/7	Method Blank	Total/NA	Air	8260B	
LCS 885-19079/6	Lab Control Sample	Total/NA	Air	8260B	
885-17809-1 DU	Influent 12-31-24	Total/NA	Air	8260B	

Analysis Batch: 19082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-17809-1	Influent 12-31-24	Total/NA	Air	8015M/D	
MB 885-19082/5	Method Blank	Total/NA	Air	8015M/D	
LCS 885-19082/4	Lab Control Sample	Total/NA	Air	8015M/D	
885-17809-1 DU	Influent 12-31-24	Total/NA	Air	8015M/D	

Lab Chronicle

Client: Harvest
Job ID: 885-17809-1
Project/Site: Florance GCJ 16A

Client Sample ID: Influent 12-31-24
Lab Sample ID: 885-17809-1
Date Collected: 12/31/24 12:00
Matrix: Air
Date Received: 01/03/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015M/D		2	19082	RA	EET ALB	01/09/25 17:08
Total/NA	Analysis	8260B		2	19079	RA	EET ALB	01/09/25 17:08

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
Job ID: 885-17809-1
Project/Site: Florance GCJ 16A

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]
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

Accreditation/Certification Summary

Client: Harvest
Project/Site: Florance GCJ 16A

Job ID: 885-17809-1

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	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

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
8015M/D		Air	Gasoline Range Organics [C6 - C10]
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

Accreditation/Certification Summary

Client: Harvest Job ID: 885-17809-1
Project/Site: Florance GCJ 16A

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	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
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

Chain-of-Custody Record

Client: Harvest Four Corners

Attn: Monica Smith

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package.

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: Results by 1/9/25

☒ Standard / 5 Day ☐ Rush

Project Name: Florance GCJ 16A

Project #:

Project Manager: Reece Hanson

Sampler: Danny Burns

On Ice: ☒ Yes ☐ No

# of Coolers: 1 MO30

Cooler Temp(including CF): 0.4+0.1=0.5 (°C)

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

885-17809 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) Full	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Fixed Gas CO_2 O_2
12-31 2024	12:00	Air	Influent 12-31-24	2-Tedlar	—			X						X			X

Date: 12-31 2024 Time: 1320 Relinquished by: [signature]
Received by: [signature] Via: Courier Date: 12/31/24 Time: 1320

Date: 1/2/25 Time: 1710 Relinquished by: [signature]
Received by: SCM COURIER Via: Courier Date: 1/3/25 Time: 0730

Remarks: cc: rhanson ecarroll dburns hmishirki; @enoolam.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility SCM 1/3/25 Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Harvest Job Number: 885-17809-1

Login Number: 17809 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

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	

ENSOLUM

APPENDIX B

Field Notes

Location Florance GC J 16A Date 12-31-24 127

Project / Client Harvest Clear, sunny, 40's

DB Truck/tools, HVAS, PID, Air Sample

0945- Onsite for O+M + air sampling.
Review HASP, sign JSA.
- Calibrate PID w/ 100ppm isobutylene. Passed.
- Checked seep collection tank level, hasn't changed since last inspection
Active Wells: MW-12, SB01, SB18, SB19, SB08
System running upon arrival.
1005- B-701 - 46,833 hrs
P-401 - 895 hrs
- Inlet vac - -15.2 in Hg
Outlet Flow - 260 scfm
Outlet Temp - 230°F
Outlet PID - 174 ppm
Totalizer - 352,512.2 gal
Influent PID - ~~229~~ 129 ppm
"
1200- "Influent 12-31-24" air sample collected. 129 ppm.
2 x 1 liter Tedlars, analyze for Full 8260 Vocs, Fixed gas O_2 + CO_2, GRO
- Need blower oil + back up battery.
- Reconnected + turned on MW-15.
- Purged line of ice/water. Achieved flow
1245 Offsite

Rita in the Rear

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:	OGRID:
Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	373888
	Action Number: 420566
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	1. Continue bi-weekly (every other week) to monthly system operation and maintenance visits, including cycling between remediation wells and/or zones. 2. Continue groundwater and LNAPL gauging in monitoring and remediation wells to evaluate the presence and/or migration of LNAPL. 3. Continue to remove LNAPL via bailer during routine visits if a large enough LNAPL thickness is measured. 4. Continue to utilize LNAPL recovery socks in any monitoring wells where LNAPL is measured in between site visits. 5. Continue to collect at least one influent air extraction sample per quarter to be analyzed for Full 8260 VOCs, TPH, carbon dioxide, and oxygen. 6. When influent air samples are not collected, a photoionization detector (PID) will be used to estimate vapor exhaust concentrations. 7. Submit 1Q & 2Q 2025 bi-annual report by July 15, 2025.	1/21/2025