



July 29, 2022

New Mexico Oil Conservation Division - District III New Mexico Energy, Minerals, and Natural Resources Department 1000 Rio Brazos Road Aztec, New Mexico 87410

Re: 2022 Second Quarter - Remediation System Operation and Monitoring Report Florance Gas Com J No. 16A Harvest Four Corners, LLC API # 30-045-21790 Incident # NCS1629854256 Remediation Permit Number 3RP-364 San Juan County, New Mexico Ensolum Project No. 07B2002007

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Harvest Four Corners, LLC (Harvest), presents this 2022 Second Quarter - Remediation System Operation and Monitoring Report summarizing remediation system performance during the second quarter of 2022 at the Florance Gas Com J No. 16A (Site; Remediation Permit Number 3RP-364, Incident # NCS1629854256). The duration of operation and monitoring acitivies included in this report is for the period from April 1, 2022, through June 28, 2022.

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;
- The system run time summary (90% run time required);
- The petroleum mass removal and fluid product recovery from the remediation system;
- Amount of liquid captured from the concrete trap/secondary seep tank; and
- Quarterly gas sample analysis results.

As stated in the 2018 Annual Groundwater and Remediation Update Report submitted in June 2019, the quarterly remediation summary reports also include data and summaries from the groundwater sampling events.

REMEDIATION SYSTEM DESCRIPTION

The remediation system at the Site includes a DPE system which uses two high vacuum rotary claw blowers to apply vacuum to remediation wells that are connected to the blowers via subsurface piping.

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The extracted air, petroleum vapors, and liquid enter a vapor/liquid separator or "knock out" tank. Air and petroleum vapors are passed through the two extraction high vacuum blowers 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 above ground storage tank for storage and offsite disposal. Operation of 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 and previous consultants.

SYSTEM OPERATION AND MONITORING

Regular bi-weekly system operations and maintenance activities have been performed through the second quarter of 2022. These site visits and monitoring events are summarized in tables enclosed at the end of this report, including the final visit of the quarter on June 28, 2022. As proposed in the previous quarterly report, remediation efforts in the second quarter 2022 were focused on Zone 2 and Zone 4.

Vapor Recovery

Remediation system runtime is listed in Table 1, with an average run time for the second quarter 2022 of 99 percent (%), and a cumulative overall run time of 92%. Occasionally, system operations were interrupted for routine equipment maintenance. The system is currently operating with only one high vacuum blower, as the other is being serviced for repairs/replacement. However, the single high vacuum blower currently in operation can achieve required vacuum and flow rates in the subsurface to accomplish soil and groundwater remediation.

Influent air samples from the DPE system were collected following different remediation zone cycling events. During the second quarter 2022, a total of three air samples were collected. Influent air 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 Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico 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. One sample per quarter is also analyzed for full list of volatile organic compounds (VOCs) by EPA Method 8260B and fixed natural gas analysis including oxygen and carbon dioxide. The analytical results from the second quarter of 2022 are summarized in Table 2. Copies of the laboratory analytical reports for the vapor samples are provided as Enclosure A.

Since remediation system startup in May 2018, the calculated total mass of VOCs removed thus far is 3,557 pounds (lbs). In the second quarter 2022, the calculated mass removal rate based on field and analytical results ranged from 0.019 lbs per day to 0.387 lbs per day. During the second quarter 2022, a total of 22 lbs of VOCs were removed through June 28, 2022. Air emission calculations and removal rates are summarized on Table 3.

Liquid Recovery

Total liquid recovery volumes are measured using a totalizing flow metering device. Since startup of the system on May 4, 2018, through June 28, 2022, approximately 320,623 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 product recovered is not measurable and not reported.

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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.

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 quarter 2022. No observable 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.

GROUNDWATER MONITORING

Groundwater monitoring activities were conducted at the Site on June 9, 2022. Depth to groundwater and/or LNAPL was measured in all existing monitoring and remediation wells. The annual groundwater sampling event occurred in second quarter 2022, as proposed in the in the fourth quarter 2019, *Quarterly Remediation System Operation and Monitoring Report*. A total of ten groundwater samples were collected. There is no proposed groundwater sampling event for the upcoming third quarter 2022.

Depth to Groundwater and LNAPL Measurements

Groundwater level monitoring included recording depth to groundwater and/or LNAPL in all existing monitoring and remediation wells with an oil/water interface probe. The interface probe was decontaminated with Alconox® soap and rinsed with de-ionized water prior to each measurement. Groundwater elevations are summarized in Table 6.

Groundwater Elevation Map

Existing top-of-casing monitoring well elevations and groundwater elevations were used to infer groundwater elevation contours and estimate groundwater flow direction at the Site, while also taking into consideration the regional physical hydrogeological characteristics (topography, washes, springs, etc.)

Results

Groundwater elevations observed during the June 2022 monitoring event indicated a general southeast trending gradient toward the existing natural seeps and towards an unnamed, second-order tributary of the San Juan River. Groundwater elevation contours are depicted on Figure 2. The remediation system was turned off during the June 2022 monitoring event while depth to groundwater/LNAPL were measured and groundwater samples were collected. The groundwater elevations and LNAPL thicknesses are summarized in Table 6. During the second quarter 2022 monitoring event, LNAPL was measurable in three wells. LNAPL thickness ranged from 0.02 feet in MW-3R to 0.95 feet in MW-12.

On June 9 and 10, 2022, groundwater samples were collected from the following monitoring and remediation wells: SB04, SB16, MW-4, MW-8, MW-11, MW-14, MW-17, MW-18, MW-22, and MW-24. Samples were scheduled to be collected from monitoring wells SB15 and SB19, but there were insufficient water levels to collect groundwater samples. No results from any of the ten groundwater

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samples exceeded the New Mexico Water Quality Control Commission (NMWQCC) standards for any constituent of BTEX during the June 2022 sampling event.

ADDITIONAL LNAPL RECOVERY

A solar powered pneumatic LNAPL recovery pumping system was installed in monitoring well MW-15 on April 30, 2021, due to continued observation of LNAPL levels. The pump utilizes a hydrophobic and oleophilic skimmer that floats on the water-LNAPL interface and removes LNAPL from the well. The system cycles between vacuum and pressure to move LNAPL to the surface and into a collection tank within a secondary containment. A delay between cycles allows the LNAPL to recharge in the monitoring well and prevents over-drawing liquids from the well. The vacuum, pressure, and delay times are periodically set to optimize LNAPL recovery and solar power efficiency. System performance, LNAPL recovery and system maintenance were conducted during routine site visits.

Based on continued LNAPL observations in MW-15, the pneumatic recovery system was removed on June 21, 2022, and the monitoring well was transitioned into a full-time remediation well by connecting the well to the full time DPE remediation system. A 1-inch stinger pipe was placed into the well at a depth slightly above the measured depth to LNAPL. The stinger pipe was then plumbed into a spare spot on the remediation manifold. Since installation of the pneumatic recovery system on April 30, 2021, and its removal on June 21, 2022, a total of 41 gallons of LNAPL have been recovered.

NEXT QUARTER PROPOSED OPERATIONS

System Operation

The DPE remediation system will continue operating with the goal of optimizing vapor and liquid recovery. 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 quarter 2022, the DPE system was focused on remediation Zone 2 and Zone 4. This approach will continue into the next quarter.

During the next quarter of operations and maintenance, the following actions are proposed:

- Bi-weekly (every other week) to monthly system operation and maintenance visits, including cycling between remediation zones;
- During routine visits, the DPE system will temporarily be isolated to only remediation wells where LNAPL has been observed for approximately one hour, and then the remediation zone will be changed;
- 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;
- Newly installed/converted remediation well MW-15 will continually operate in both remediation Zone 2 and Zone 4;
- Costs and feasibility of replacing non-operational high vacuum blower pump will be assessed the costs and feasibility;

- At least one influent air extraction sample per quarter will be analyzed for Full 8260 VOCs, carbon dioxide, and oxygen; and
- When influent air samples are not collected, a photoionization detector (PID) will be used to estimate vapor exhaust concentrations.

Groundwater Monitoring

During the next quarter of operation, depth to groundwater and/or LNAPL will be measured in all monitoring and remediation wells. The results of the fluid elevation measurements will be reviewed, and system operational adjustments made based on these data.

Ensolum recommends continuing with the reduced groundwater monitoring schedule with the annual event scheduled in the second quarter and semi-annual events in the second and fourth quarters.

- o Annual sampling: SB04, SB15, SB16, MW-4, MW-8, MW-11, MW-14, and MW-17;
- Semi-annual sampling: SB19, MW-18, MW-22, and MW-24.

Reporting

Updated quarterly reports will be prepared and submitted to the NMOCD within 30 days following the end of each quarter and will contain the following:

- o A summary of remediation and monitoring activities during the quarter;
- System run-time summary;
- o 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
- o 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.

Sincerely,

Ensolum, LLC

Danny Burns Senior Geologist 303-601-1420 dburns@ensolum.com

Hannah Midvin

Hannah Mishriki, PE Senior Engineer 610-390-7059 hmishriki@ensolum.com

cc: Oakley Hayes, Harvest Four Corners, LLC Attachments:

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Figure 1	Remediation System Layout
Figure 2	Groundwater Elevation Contour Map
Figure 3	Groundwater Analytical Map
Table 1	Remediation Systems Operational Run-Time
Table 2	Extracted Air VOC Data
Table 3	Mass Removal Vapor Phase
Table 4	Fluid Recovery
Table 5	DPE System Operations
Table 6	Groundwater Elevations
Table 7	Groundwater Analytical Results
Appendix A	Laboratory Analytical Reports

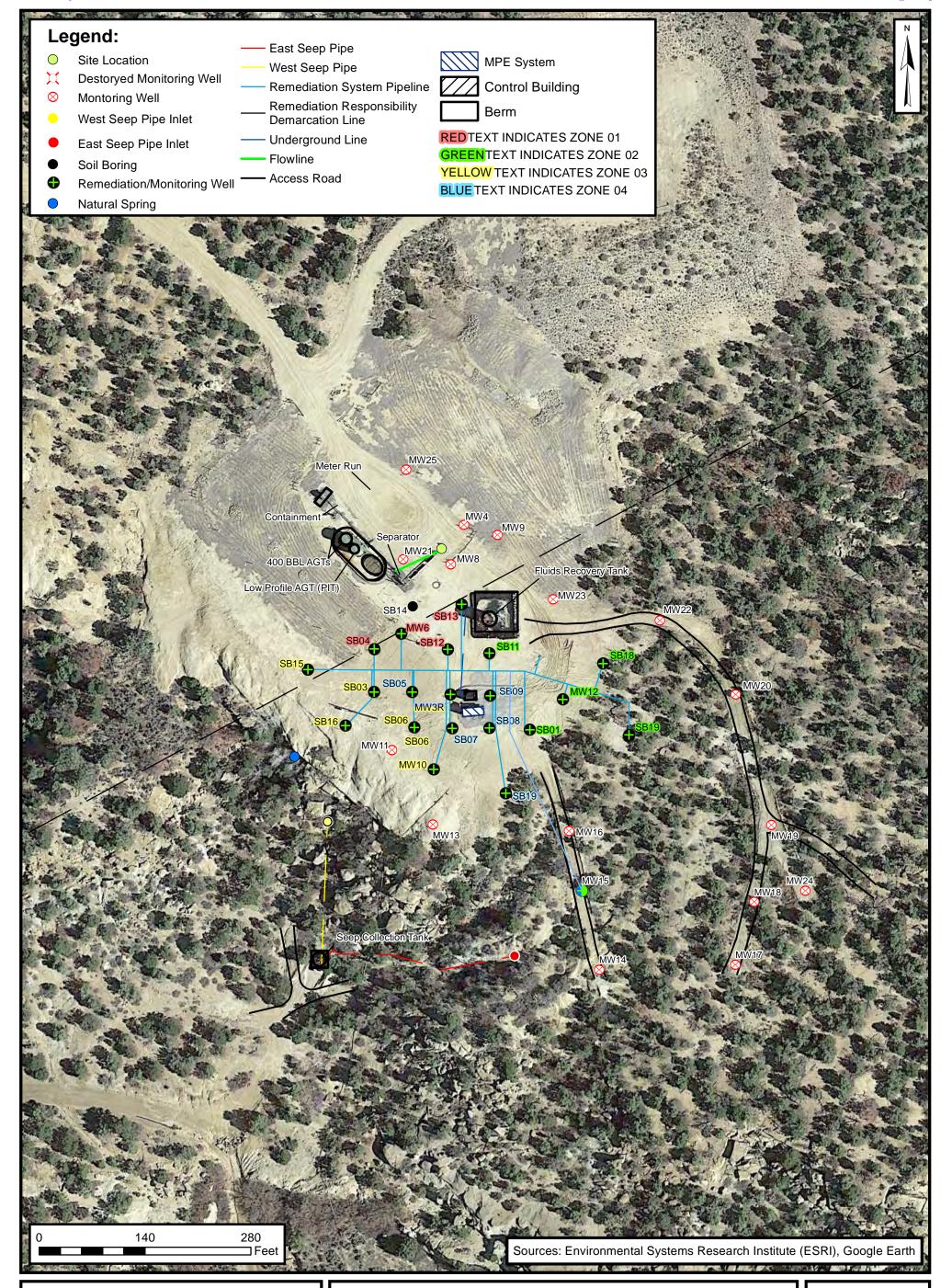
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FIGURES

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Remediation System Layout

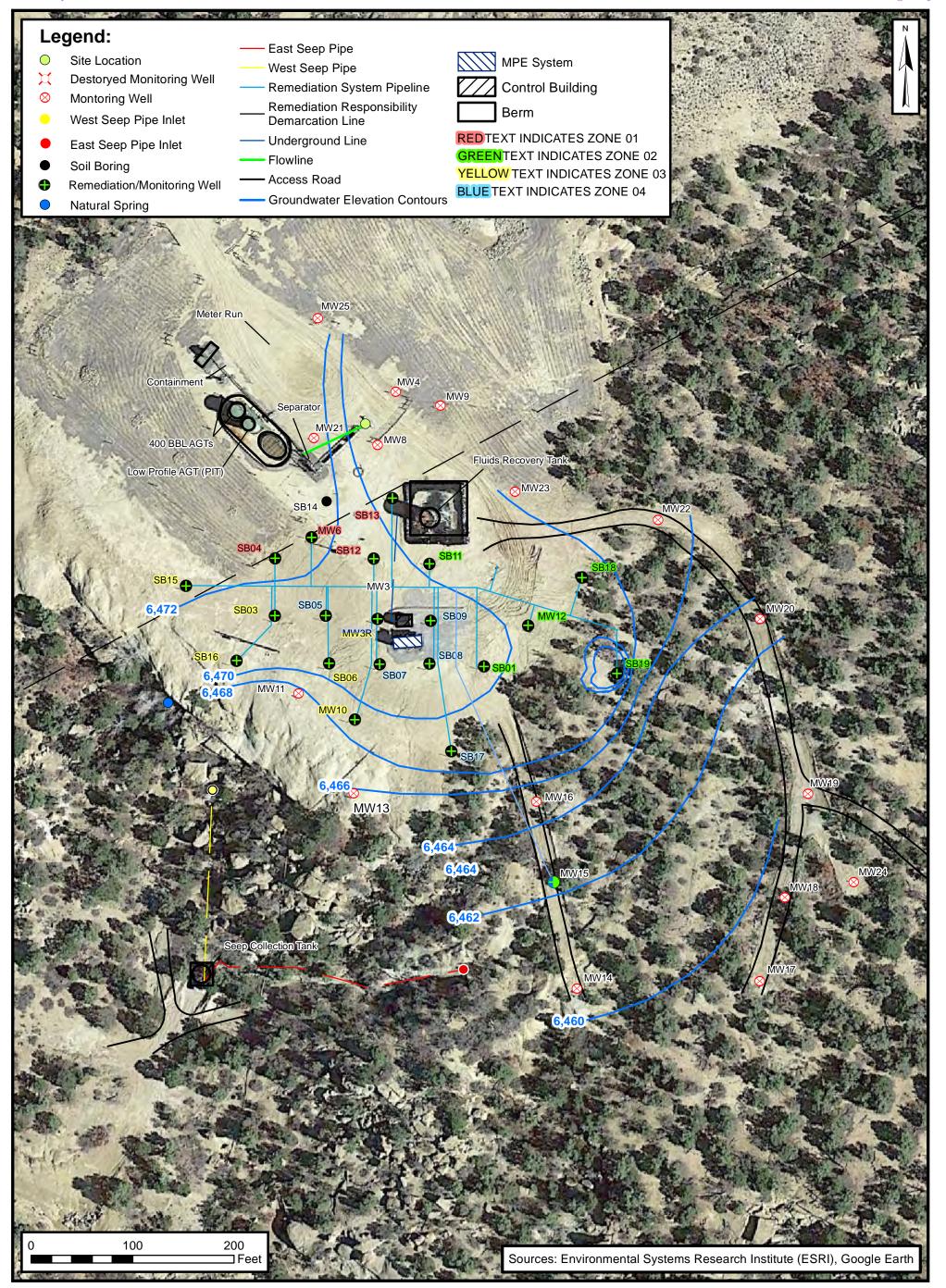
Florance GC J#16A Harvest Four Corners, LLC UNIT P SEC 6 T30N R9W San Juan County, NM FIGURE

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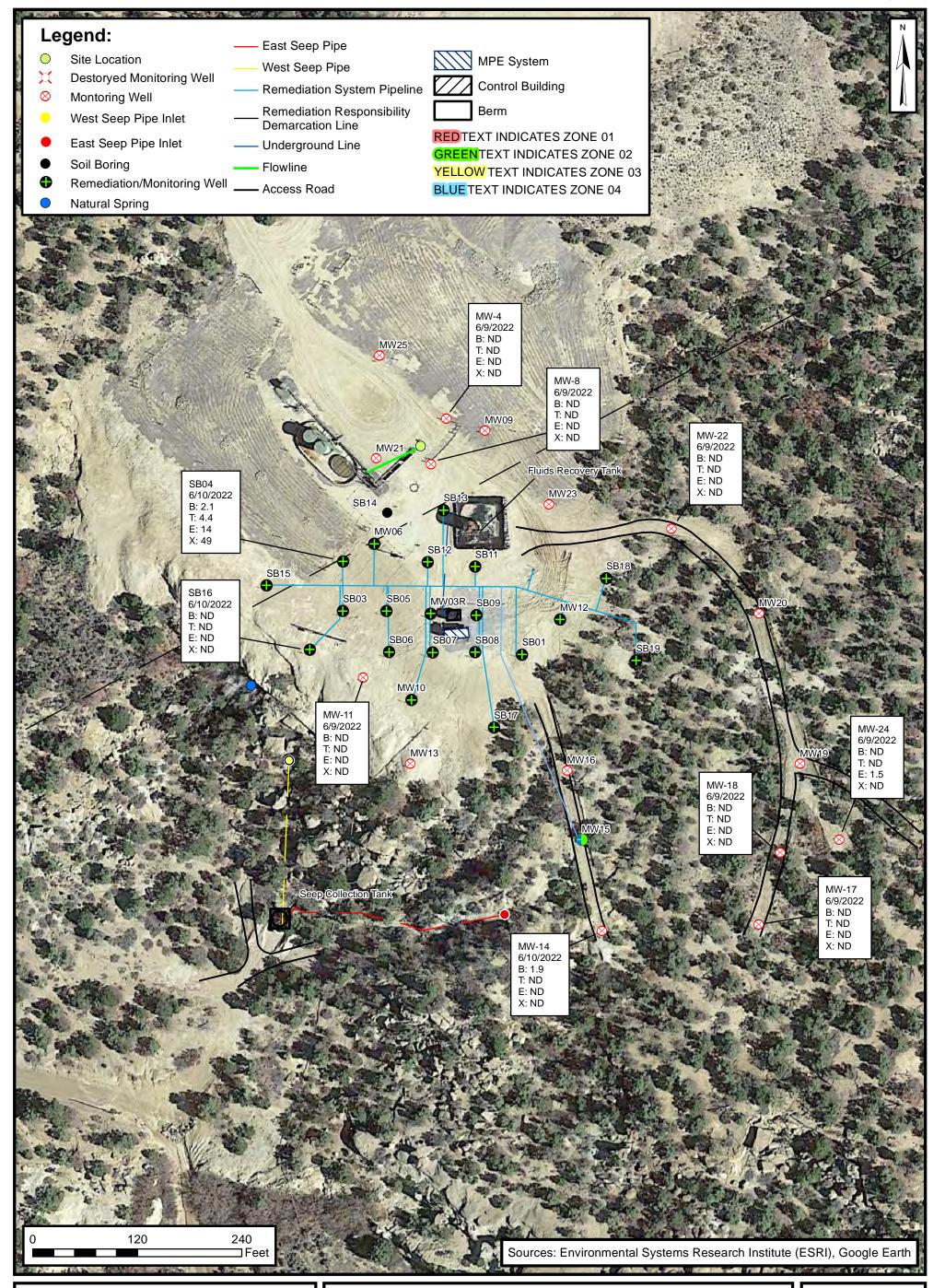
Groundwater Elevation Contour Map

Florance GC J#16A Harvest Four Corners, LLC UNIT P SEC 6 T30N R9W San Juan County, NM FIGURE

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Groundwater Analytical Map

Florance GC J#16A Harvest Four Corners, LLC UNIT P SEC 6 T30N R9W San Juan County, NM FIGURE

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TABLES

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TABLE 1 Remediation Systems Operational Run-Time - Second Quarter 2022 Harvest Four Corners - Florance GCJ #16A San Juan County, New Mexico

Ensolum Project No. 07B2002007

Date/Time of Reading	System Hour Runtime	Cumulative Run Time (%)	Quarterly Run Time (%)	Notes
5/1/18 0:00	0			
5/4/18 9:00	42	START UP		
		Earlier Data Provide	ed in Previous Qua	rterly Reports
3/31/2022 11:58	31,308	91%	96%	End of Q1 2022
4/1/2022 0:00	31,320	91%	100%	Start of Q2 2022
4/12/2022 0:00				MW-15 PSH recovery system O&M only
4/17/2022 15:00	31,709	91%	97%	Clean float tube and wye strainer
5/13/2022 12:30	32,331	92%	99%	Routine O&M
5/23/2022 12:00	32,570	92%	99%	Routine O&M
6/9/2022 12:00	32,976	92%	99%	Annual groundwater sampling event
6/10/2022 12:00	32,997	92%	99%	Annual groundwater sampling event
6/21/2022 11:45	33,258	92%	99%	MW-15 plumbed into DPE system
6/27/2022 12:00	33,400	92%	99%	Troubleshoot/repair transfer pump
6/28/2022 12:00	33,419	92%	99%	Clean and reinstall transfer pump
	Average 0	22 2022 Run Time	99%	

Notes:

% - percent

Dashed line indicates quarter change

-- - not applicable

TABLE 2

Extracted Air VOC Data - Second Quarter 2022 Harvest Four Corners - Florance GCJ #16A San Juan County, New Mexico

Ensolum Project No. 07B2002007

Collection Date:	4/17/2022	5/13/2022	5/23/2022	6/21/2022
Collection Time:	17:15	14:25	13:30	14:40
Active Remediation Zone:	4	1	2	4
Benzene (µg/L)	<0.20	<0.10	2.2	1.5
Toluene (μg/L)	<0.20	0.72	3.1	6.5
Ethylbenzene (µg/L)	<0.20	<0.10	<0.50	0.85
Xylenes, Total (μg/L)	0.61	3.1	10	18.0
GRO (μg/L)	390	400	2,700	4,500
Total VOCs (μg/L):	0.61	3.8	15.3	26.9
PID Reading (ppm)	75	53	218	231

Notes:

GRO - gasoline range organics

µg/L - micrograms per liter

ppm - parts per million

PID - photo-ionization detector

VOCs - volatile organic compounds

TABLE 3 Mass Removal Vapor Phase - Second Quarter 2022 Harvest Four Corners - Florance GCJ #16A San Juan County, New Mexico

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Date/Time	Influent VOCs (mg/m³)	Active Remediation Zone	Air Flow Rate (scfm)	Time Period (hr:min:sec)	Time Period (min)	VOC Mass Removed (Ibs)	Gal Removed (@0.755 g/cm ³)	Mass Removal Rate (Ibs/day)	Mass Removal Rate (ton/yr)
			Earlier Data Provided	in Previous Quarte	erly Reports				
3/22/22 14:20	15.2	2	284	432:50:00	25,970	0.9	0.1	0.048	0.009
4/17/22 16:30	0.6	4	341	626:10:00	37,570	10.1	1.6	0.387	0.071
5/13/22 0:00	3.8	1	170	607:30:00	36,450	0.5	0.1	0.019	0.003
5/23/22 13:15	15.3	2	274	253:15:00	15,195	0.6	0.1	0.058	0.011
6/21/22 12:00	26.9	4	233	694:45:00	41,685	10.9	1.7	0.376	0.069
Total Quantity of	Total Quantity of Hydrocarbon VOC Removed 2nd Quarter 2022			22	2 lbs	3.5	gal	0.1	bbl
Total Quantity of Hyd	Irocarbon VOC	Removed Since	Start-up May 2018	3,557	7 lbs	654.7	gal	15.6	bbl

Notes:

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bbl - barrel	lbs/day - pounds per day
gal - gallons	mg/m ³ - milligrams per cubic meter
g/cm ³ - grams per cubic centimeter	min - minute
hr - hour	scfm - standard cubic foot per minute
lbs - pounds	sec - second

ton/yr - ton per year VOCs - volatile organic compounds yr - year Dashed line indicates a quarter change

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TABLE 4 Liquid Recovery - Second Quarter 2022 Harvest Four Corners - Florance GCJ #16A San Juan County, New Mexico

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11/29/2022 10:30:32	TABLE 4 Liquid Recovery - Second Quarter 2022 Harvest Four Corners - Florance GCJ #16A San Juan County, New Mexico Ensolum Project No. 07B2002007										
AIM	Date/Time	Hour Meter	Flow Meter	Gallons	Cumulative Volume	Gallons Removed	Time Period	Time Period	Recove	ery Rate	Notes
	Date/Time	Reading	Reading (gal)	Recovered this Period	Recovered (gal)	From Tank (Off-Site)	(hr:min:sec)	(min)	(gpm)	(gal/day)	NOLES
				Eai	rlier Data Provi	ded in Previou	s Quarterly Rep	orts			
	3/22/22 12:00	31,082	285,505	11,030	312,805	6,720	2447:45:00	146,865	0.08	108	Zone 4 active.
	4/17/22 15:00	31,709	287,912	2,407	315,212		627:00:00	37,620	0.06	92	Zone 2 active
	5/13/22 12:30	32,331	288,435	523	315,735		621:30:00	37,290	0.01	20	Zone 4 active.
	5/23/22 12:00	32,570	292,152	3,717	319,452		239:30:00	14,370	0.26	372	Zone 2 active
	6/21/22 11:45	33,258	293,323	1,171	320,623	6,720	695:45:00	41,745	0.03	40	Zone 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:	320,623 Gal	
	7,634 bbl	

TABLE 5

DPE System Operations - Second Quarter 2022 Harvest Four Corners - Florance GCJ #16A San Juan County, New Mexico

Ensolum Project No. 07B2002007

Well ID		Date	4/17/2022	5/17/2022	5/23/2022	6/21/2022
Active Zone			4	1	2	4
MW-06	WH Vac (Online)	inHg		7.5		
Zone 1	WH Vac (Offline)	inH2O				
	Mani Vac	inHg		14.0		
	PID	ppm		4		
	Flow	scfm		32		
SB-04	WH Vac (Online)	inHg		12.0		
Zone 1	WH Vac (Offline)	inH2O				
	Mani Vac	inHg		13.5		
	PID	ppm		9		
	Flow	scfm		46		
SB-12	WH Vac (Online)	inHg		12.0		
Zone 1	WH Vac (Offline)	inH2O				
	Mani Vac	inHg		13.5		
	PID	ppm		10		
	Flow	scfm		52		
SB-13	WH Vac (Online)	inHg		12.0		
Zone 1	WH Vac (Offline)	inH2O				
	Mani Vac	inHg		13.0		
	PID	ppm		14		
	Flow	scfm		40		

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TABLE 5

DPE System Operations - Second Quarter 2022 Harvest Four Corners - Florance GCJ #16A San Juan County, New Mexico

Well ID		Date	4/17/2022	5/17/2022	5/23/2022	6/21/2022
Active Zone			4	1	2	4
MW-12	WH Vac (Online)	inHg			10.0	
Zone 2	WH Vac (Offline)	inH2O				
	Mani Vac	inHg			10.0	
	PID	ppm			148	
	Flow	scfm			36	
SB-01	WH Vac (Online)	inHg			15.0	
Zone 2	WH Vac (Offline)	inH2O				
	Mani Vac	inHg			12.0	
	PID	ppm			87	
	Flow	scfm			44	
SB-10	WH Vac (Online)	inHg			10.0	
Zone 2	WH Vac (Offline)	inH2O				
	Mani Vac	inHg			11.0	
	PID	ppm			49	
	Flow	scfm			28	
SB-11	WH Vac (Online)	inHg			10.0	
Zone 2	WH Vac (Offline)	inH2O				
	Mani Vac	inHg			11.0	
	PID	ppm			148	
	Flow	scfm			56	
SB-18	WH Vac (Online)	inHg			10.0	
Zone 2	WH Vac (Offline)	inH2O				
	Mani Vac	inHg			10.0	
	PID	ppm			79	
	Flow	scfm			40	
SB-19	WH Vac (Online)	inHg			12.5	
Zone 2	WH Vac (Offline)	inH2O				
	Mani Vac	inHg			10.0	
	PID	ppm			396	
	Flow	scfm			70	

TABLE 5

DPE System Operations - Second Quarter 2022 Harvest Four Corners - Florance GCJ #16A San Juan County, New Mexico

Well ID		Date	4/17/2022	5/17/2022	5/23/2022	6/21/2022
Active Zone			4	1	2	4
MW-3R	WH Vac (Online)	inHg				
Zone 3	WH Vac (Offline)	inH2O				
	Mani Vac	inHg				
	PID	ppm				
	Flow	scfm				
MW-10	WH Vac (Online)	inHg				
Zone 3	WH Vac (Offline)	inH2O				
	Mani Vac	inHg				
	PID	ppm				
	Flow	scfm				
SB-03	WH Vac (Online)	inHg				
Zone 3	WH Vac (Offline)	inH2O				
	Mani Vac	inHg				
	PID	ppm				
	Flow	scfm				
SB-06	WH Vac (Online)	inHg				
Zone 3	WH Vac (Offline)	inH2O				
	Mani Vac	inHg				
	PID	ppm				
	Flow	scfm				
SB-15	WH Vac (Online)	inHg				
Zone 3	WH Vac (Offline)	inH2O				
	Mani Vac	inHg				
	PID	ppm				
	Flow	scfm				
SB-16	WH Vac (Online)	inHg				
Zone 3	WH Vac (Offline)	inH2O				
	Mani Vac	inHg				
	PID	ppm				
	Flow	scfm				

TABLE 5

DPE System Operations - Second Quarter 2022 Harvest Four Corners - Florance GCJ #16A San Juan County, New Mexico

Well ID		Date	4/17/2022	5/17/2022	5/23/2022	6/21/2022
Active Zone			4	1	2	4
MW-3R	WH Vac (Online)	inHg	13.0			NM
Zone 4	WH Vac (Offline)	inH2O				
	Mani Vac	inHg	10.0			8.0
	PID	ppm	38			44
	Flow	scfm	48			35
SB-05	WH Vac (Online)	inHg	10.0			NM
Zone 4	WH Vac (Offline)	inH2O				
	Mani Vac	inHg	10.0			8.5
	PID	ppm	13			24
	Flow	scfm	50			40
SB-07	WH Vac (Online)	inHg	10.0			9.0
Zone 4	WH Vac (Offline)	inH2O				
	Mani Vac	inHg	10.0			9.0
	PID	ppm	18			34
	Flow	scfm	62			32
SB-08	WH Vac (Online)	inHg	10.0			8.5
Zone 4	WH Vac (Offline)	inH2O				
	Mani Vac	inHg	14.0			14.0
	PID	ppm	34			36
	Flow	scfm	65			52
SB-09	WH Vac (Online)	inHg	10.0			8.5
Zone 4	WH Vac (Offline)	inH2O				
	Mani Vac	inHg	10.0			9.0
	PID	ppm	49			122
	Flow	scfm	64			38
SB-17	WH Vac (Online)	inHg	13.0			12.0
Zone 4	WH Vac (Offline)	inH2O				
	Mani Vac	inHg	9.5			8.0
	PID	ppm	10			13
	Flow	scfm	52			36

TABLE 5

DPE System Operations - Second Quarter 2022 Harvest Four Corners - Florance GCJ #16A San Juan County, New Mexico

Ensolum Project No. 07B2002007

Well ID	D	ate	4/17/2022	5/17/2022	5/23/2022	6/21/2022
Active Zone			4	1	2	4
Well Field	Total Flow in Active Zone so	cfm	341	170	274	233

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

scfm - standard cubic feet per minute

% - percent

WH Vac - vacuum gauge reading on remediation well head



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)
		12/9/2021	31.31			6,470.65
SB01	6,501.96	3/22/2022	31.53			6,470.43
		6/9/2022	31.24			6,470.72
		12/9/2021	20.24			6,474.77
SB03	6,495.01	3/22/2022	23.27			6,471.74
		6/9/2022	23.24			6,471.77
		12/9/2021	28.04			6,471.57
SB04	6,499.61	3/22/2022	27.79			6,471.82
		6/9/2022	27.84			6,471.77
		12/9/2021	25.48			6,473.28
SB05	6,498.76	3/22/2022	24.71			6,474.05
		6/9/2022	25.28			6,473.48
		12/9/2021	25.11			6,471.01
SB06	6,496.12	3/22/2022	25.10			6,471.02
		6/9/2022	24.17			6,471.95
		12/9/2021	29.46			6,470.83
SB07	6,500.29	3/22/2022	29.64			6,470.65
		6/9/2022	29.87			6,470.42
		12/9/2021	30.94			6,471.31
SB08	6,502.25	3/22/2022	30.62			6,471.63
		6/9/2022	31.08			6,471.17
		12/9/2021	33.13			6,471.05
SB09	6,504.18	3/22/2022	32.62			6,471.56
		6/9/2022	33.28			6,470.90
		12/9/2021	DRY			DRY
SB10	6,506.04	3/22/2022	DRY			DRY
		6/9/2022	DRY			DRY
		12/9/2021	32.64			6,472.97
SB11	6,505.61	3/22/2022	32.16			6,473.45
		6/9/2022	37.80			6,467.81
		12/9/2021	DRY			DRY
SB12	6,508.42	3/22/2022	DRY			DRY
		6/9/2022	DRY			DRY



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)
		12/9/2021	35.05			6,469.84
SB13	6,504.89	3/22/2022	34.96			6,469.93
		6/9/2022	35.22			6,469.67
		12/9/2021	20.02			6,474.29
SB15	6,494.31	3/22/2022	21.72			6,472.59
		6/9/2022	21.65			6,472.66
		12/9/2021	20.16			6,471.91
SB16	6,492.07	3/22/2022	22.30			6,469.77
		6/9/2022	20.23			6,471.84
		12/9/2021	DRY			DRY
SB17	6,492.57	3/22/2022	DRY			DRY
		6/9/2022	DRY			DRY
		12/9/2021	35.22			6,471.16
SB18	6,506.38	3/22/2022	34.56			6,471.82
		6/9/2022	DRY			DRY
		12/9/2021	35.38			6,468.61
SB19	6,503.99	3/22/2022	35.69			6,468.30
		6/9/2022	30.32			6,473.67
		12/9/2021	28.87			6,473.99
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
		12/9/2021	34.13			
MW-4*		3/22/2022	35.55			
		6/9/2022	34.82			
		12/9/2021	32.35			
MW-6*		3/22/2022	33.44			
		6/9/2022	32.96			
		12/9/2021	36.03			
MW-8*		3/22/2022	36.20			
		6/9/2022	36.34			
		12/9/2021	45.32			
MW-9*		3/22/2022	45.34			
		6/9/2022	45.29			



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)
		12/9/2021	20.07			
MW-10*		3/22/2022	23.38			
		6/9/2022	24.10			
		12/9/2021	26.53			6,466.32
MW-11	6,492.85	3/22/2022	25.98			6,466.87
		6/9/2022	26.79			6,466.06
		12/9/2021	34.21	32.94	1.27	6,470.38
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
		12/9/2021	24.01			6,466.02
MW-13	6,490.03	3/22/2022	24.67			6,465.36
		6/9/2022	24.43			6,465.60
		12/9/2021	15.45			6,460.77
MW-14	6,476.22	3/22/2022	14.98			6,461.24
		6/9/2022	15.14			6,461.08
		12/9/2021	17.02	16.05	0.97	6,462.13
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
		12/9/2021	22.79			6,464.78
MW-16	6,487.57	3/22/2022	22.73			6,464.84
		44721.00	22.73			6,464.84
		12/9/2021	22.18			6,461.12
MW-17	6,483.30	3/22/2022	22.29			6,461.01
		6/9/2022	22.35			6,460.95
		12/9/2021	24.01			6,461.21
MW-18	6,485.22	3/22/2022	24.37			6,460.85
		6/9/2022	24.44			6,460.78
		12/9/2021	30.83			6,461.52
MW-19	6,492.35	3/22/2022	31.54			6,460.81
		6/9/2022	32.79			6,459.56
		12/9/2021	29.82			6,463.56
MW-20	6,493.38	3/22/2022	29.53			6,463.85
		6/9/2022	29.73			6,463.65



Ensolum Project No. 07B2002007

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)
		12/9/2021	37.46			6,470.69
MW-21	6,508.15	3/22/2022	37.52			6,470.63
		6/9/2022	37.50			6,470.65
		12/9/2021	34.20			6,462.95
MW-22	6,497.15	3/22/2022	30.77			6,466.38
		6/9/2022	30.86			6,466.29
		12/9/2021	38.20			6,467.75
MW-23	6,505.95	3/22/2022	37.10			6,468.85
		6/9/2022	38.21			6,467.74
		12/9/2021	29.80			6,460.91
MW-24	6,490.71	3/22/2022	29.81			6,460.90
		6/9/2022	29.93			6,460.78
		12/9/2021	35.40			6,472.25
MW-25	6,507.65	3/22/2022	35.69		-	6,471.96
		6/9/2022	35.15		-	6,472.50

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

TABLE 7 GROUNDWATER ANALYTICAL RESULTS Harvest Four Corners - Florance GCJ #16A 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 9/17/2020			LNAPL LNAPL	
SB03	6/4/2020 9/18/2020	32 6.8	8.1 <5.0	69 14	720 170
SB04	6/4/2020 9/18/2020 6/10/2022	<1.0 2.1	<1.0 4.4	NS 11 14	63 49
SB05	6/4/2020 9/18/2020	460	60	NS <10	380
SB06	6/4/2020 9/18/2020			NS LNAPL	
SB07	6/4/2020 9/17/2020			NS NS	
SB08	6/4/2020 9/17/2020			NS NS	
SB09	6/4/2020 9/17/2020			NS NS	
SB10	6/4/2020 9/17/2020			S-DRY S-DRY	
SB11	6/4/2020 9/17/2020			NS NS	
SB12	6/4/2020 9/17/2020			NS NS	
SB13	6/5/2020 9/18/2020	<1.0 2.0	<2.0 <1.5		
SB15	6/4/2020 9/18/2020			NS ount of water to sample	

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

Well Identification	Sample Date	Benzene (μg/L)					
NMWQCC	Standards	5	1,000	700	620		
	6/4/2020		N	IS			
SB16	9/17/2020	<1.0	<1.0	<1.0	<1.5		
	6/10/2022	<1.0	<1.0	<1.0	<2.0		
	6/4/2020		NS-	DRY			
SB17	9/18/2020		NS-	DRY			
0040	6/5/2020	7,400	9,100	760	9,800		
SB18	9/18/2020		NS - Insufficent amou	unt of water to sample			
	6/4/2020		Ν	IS			
SB19	9/18/2020		NS - Insufficent amou	unt of water to sample			
MW-1		Destroyed du	ring excavation/remedi	iation activities			
MW-2		Destroyed du	ring excavation/remedi	iation activities			
	6/4/2020		NS-L	NAPL			
MW-3R	9/18/2020		NS-L	NAPL			
	6/4/2020		N	IS			
	9/17/2020	<1.0	<1.0	1.1	<1.5		
MW-4	6/2/2021	<1.0	<1.0	<1.0	<2.0		
	6/9/2022	<1.0	<1.0	<1.0	<2.0		
MW-5		Destroyed du	ring excavation/remedi	iation activities			
	6/5/2020	<1.0	2.7	66	170		
MW-6	9/18/2020	<1.0	1.1	1.7	180		
MW-7		Destroyed du	ring excavation/remedi	iation activities			
	6/4/2020		N	IS			
MW-8	9/17/2020	<1.0	<1.0	<1.0	<1.5		
14144-0	6/2/2021	<1.0	<1.0	<1.0	<2.0		
	6/9/2022	<1.0	<1.0	<1.0	<2.0		
M)4/ 0	6/4/2020	<1.0	<1.0	<1.0	<2.0		
MW-9	9/17/2020	<1.0	<1.0	<1.0	<1.5		
MW/ 40	6/4/2020	370	46	86	880		
MW-10	9/18/2020	380	<5.0	120	28		

TABLE 7 GROUNDWATER ANALYTICAL RESULTS Harvest Four Corners - Florance GCJ #16A 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
	6/4/2020		Ν	IS	
	9/17/2020	<1.0	<1.0	<1.0	<1.5
MW-11	6/2/2021	<1.0	<1.0	<1.0	<2.0
	6/9/2022	<1.0	<1.0	<1.0	<2.0
NNN/ 40	6/4/2020		NS-L	NAPL	
MW-12	9/17/2020		NS-L	NAPL	
MW-13	6/4/2020	1,100	<20	160	460
10100-13	9/17/2020	1,500	<20	260	890
	6/4/2020		Ν	IS	
	9/17/2020	<1.0	<1.0	<1.0	<1.5
MW-14	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
104/45	6/4/2020	8,600	10,000	800	9,600
MW-15	9/17/2020		NS-L	NAPL	
MW-16	6/4/2020		NS-	DRY	
10100-10	9/17/2020		NS - Insufficent amou	unt of water to sample	
	6/4/2020		Ν	IS	
NAVA/ 47	9/17/2020	<1.0	<1.0	<1.0	<1.5
MW-17	6/2/2021	<1.0	<1.0	<1.0	<2.0
	6/9/2022	<1.0	<1.0	<1.0	<2.0
	6/26/2020	<1.0	<1.0	<1.0	<1.5
	9/17/2020	<1.0	<1.0	<1.0	<1.5
MW-18	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
MNA/ 40	6/4/2020		NS-L	NAPL	
MW-19	9/17/2020		NS-L	NAPL	
	6/4/2020	<1.0	<1.0	<1.0	<2.0
MW-20	9/17/2020	<1.0	<1.0	<1.0	<1.5
	12/17/2020	<1.0	<1.0	<1.0	<2.0

TABLE 7GROUNDWATER ANALYTICAL RESULTSHarvest Four Corners - Florance GCJ #16ASan Juan County, New Mexico

Ensolum Project No. 07B2002007

Well Identification	Sample Date	Benzene (μg/L)	Toluene (μg/L)	Ethylbenzene (μg/L)	Total Xylenes (μg/L)
NMWQCC	Standards	5	1,000	700	620
	6/4/2020	9.6	<1.0	23	21
MW-21	9/17/2020	5.6	<1.0	6.6	<1.5
	12/18/2020	4.1	1.5	5.6	2.6
	6/26/2020	<1.0	<1.0	<1.0	<1.5
	9/17/2020	<1.0	<1.0	<1.0	<1.5
MW-22	12/9/2021	<1.0	<1.0	<1.0	<1.5
	6/9/2022	<1.0	<1.0	<1.0	<2.0
	6/4/2020	1.8	<1.0	<1.0	<2.0
MW-23	9/17/2020	2.2	<1.0	<1.0	<1.5
	12/18/2020	1.5	<1.0	<1.0	<2.0
	6/26/2020	<1.0	<1.0	5.3	<1.5
	9/17/2020	1.1	<1.0	5.9	<1.5
MW-24	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
	6/4/2020	<1.0	<1.0	<1.0	<2.0
MW-25	9/17/2020	<1.0	<1.0	<1.0	<1.5
	12/18/2020	<1.0	<1.0	<1.0	<2.0

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



APPENDIX A

Laboratory Analytical Reports



April 26, 2022

Danny Burns Harvest 1755 Arroyo Dr. Bloomfield, NM 87413 TEL: (505) 632-4475 FAX:

RE: Florance GC J 16A

OrderNo.: 2204954

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/21/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report

Lab Order 2204954 Date Reported: 4/26/2022

CLIENT: Harvest	Client Sample ID: Influent Zone 04							
Project: Florance GC J 16A	Collection Date: 4/17/2022 5:15:00 PM							
Lab ID: 2204954-001	Matrix: AIR	ŀ	Received Dat	te: 4/2	21/2022 7:40:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	NSB		
Gasoline Range Organics (GRO)	390	10	µg/L	2	4/22/2022 10:40:47 AM	A87443		
Surr: BFB	381	15-380	S %Rec	2	4/22/2022 10:40:47 AM	A87443		
EPA METHOD 8021B: VOLATILES					Analyst	NSB		
Benzene	ND	0.20	µg/L	2	4/22/2022 10:40:47 AM	C87443		
Toluene	ND	0.20	µg/L	2	4/22/2022 10:40:47 AM	C87443		
Ethylbenzene	ND	0.20	μg/L	2	4/22/2022 10:40:47 AM	C87443		
Xylenes, Total	0.61	0.40	µg/L	2	4/22/2022 10:40:47 AM	C87443		
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	2	4/22/2022 10:40:47 AM	C87443		

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank В
- Е Estimated value
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р RL Reporting Limit

Page 1 of 1

by OCALT/29/2022 4:35:59 PM ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-34.	mental Analysis Lab 4901 Haw) Albuquerque, NM 5-3975 FAX: 505-34 ww.hallenvironmen	kins NE 187109 Sai 5-4107	mple Log-In Chec	Page . k List
Client Name: Harvest	Work Order Nu	imber: 2204954		RcptNo: 1	
Received By: Tracy Casarrubias	4/21/2022 7:40:0	0 AM			
Completed By: Tracy Casarrubias	4/21/2022 10:40:	32 AM			
Reviewed By: CMC	4/21/22				
Chain of Custody					
 Is Chain of Custody complete? 		Yes 🔽	No 🗌	Not Present	
2. How was the sample delivered?		Courier			
Log In					
B. Was an attempt made to cool the sample	s?	Yes 🔽	No 🗌		
. Were all samples received at a temperatu	re of >0° C to 6.0°C	Yes 🔽	No 🗌		
Sample(s) in proper container(s)?		Yes 🔽	No 🗌		
Sufficient sample volume for indicated test	:(s)?	Yes 🔽	No 🗌		
Are samples (except VOA and ONG) prop	erly preserved?	Yes 🔽	No 🗌		
. Was preservative added to bottles?		Yes 🗌	No 🔽		
. Received at least 1 vial with headspace <1	/4" for AQ VOA?	Yes 🗍	No 🗌	NA 🔽	
). Were any sample containers received brol		Yes	No 🔽		
Does paperwork match bottle labels?		Yes 🔽	No 🗌	# of preserved bottles checked for pH:	
(Note discrepancies on chain of custody) Are matrices correctly identified on Chain c	(0) (1)			(<2 or >12 unit	ess noted)
Is it clear what analyses were requested?	Custody?	Yes 🔽	No 🗌	Adjusted?	100
Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹 Yes 🗹	No 🗌 No 🗌	Checked by: Jrli	1/21/22
ecial Handling (if applicable)			5		
, Was client notified of all discrepancies with	this order?	Yes 🗌	No 🗌	NA 🗹	
Person Notified:	Date	:			
By Whom:	Via:	March 100	hone 🗌 Fax	In Person	
Regarding: Client Instructions:					
. Additional remarks:					
. Cooler Information	eal Intact Seal No	Seal Date	Signed By		
. <u>Cooler Information</u> Cooler No Temp °C Condition S	and the state of t	Seal Date	Signed By		

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Chain-of-Custody Record	Harvest	S	Mailing Address:			:#XE	kage:		:uo		ype)_		a	(1+15												Time: 16.50	Time:	,
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	Client:	AH	Mailir		Phone #:	email or Fax#:	QA/QC Package:	N Standard	Accreditation:		EDD (Type)		Date	14-12												Date: 4-20-22	Date:	1
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May 18, 2022

Danny Burns Harvest 1755 Arroyo Dr. Bloomfield, NM 87413 TEL: (505) 632-4475 FAX:

RE: Florance GC J 16A

OrderNo.: 2205673

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/14/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

Analytical Report

5/16/2022 9:18:18 AM

G88023

B88023

B88023

B88023

B88023

B88023

Analyst: NSB

Lab Order 2205673

Hall Environmental Analys	sis Laboratory, Inc	•	Date Reported: 5/18/2022								
CLIENT: Harvest		Client	t Sample I	D:Zo	one 1 Influent						
Project: Florance GC J 16A		Coll	ection Dat	:e: 5/	13/2022 2:25:00 PM						
Lab ID: 2205673-001	Matrix: AIR	Re	ceived Dat	te: 5/	14/2022 9:45:00 AM						
Analyses	Result	RL Qu	ual Units	DF	Date Analyzed	Batch					
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	: NSB					
Gasoline Range Organics (GRO)	400	5.0	µg/L	1	5/16/2022 9:18:18 AM	G88023					

15-380

0.10

0.10

0.10

0.20

70-130

S

%Rec

µg/L

µg/L

µg/L

µg/L

%Rec

1

1

1

1

1

1

669

ND

0.72

ND

3.1

109

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit PQL
- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank в
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 1 of 3

Surr: BFB

13000

sed to Imaging: 11/29/2022 10:50:32 AM
--

Client:	Harvest										
Project:	Florance	GC J 16A									
Sample ID:	2205673-001adup	Samp	Гуре: DU	P	Tes	tCode: EF	PA Method	8015D: Gasoli	ne Range		
Client ID:	Zone 1 Influent	Batc	h ID: G8	8023	F	RunNo: 88	3023				
Prep Date:		Analysis [Date: 5/ *	16/2022	S	SeqNo: 31	20459	Units: µg/L			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	390	5.0						1.21	20	

658

15

380

0

0

S

2000

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank В
- Е Estimated value
- J
- Р Sample pH Not In Range RL

- Analyte detected below quantitation limits
- Reporting Limit

WO#:	2205673
	18-May-22

WO#:	2205673
	18-May-22

Client: Harvest **Project:** Florance GC J 16A

Sample ID: 2205673-001adup	Samp ⁻	Гуре: DU	Р	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: Zone 1 Influent	Batc	h ID: B8	8023	F	RunNo: 88	3023				
Prep Date:	Analysis I	Date: 5/ *	16/2022	S	SeqNo: 31	120504	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.10						0	20	
Toluene	0.70	0.10						1.80	20	
Ethylbenzene	ND	0.10						0	20	
Xylenes, Total	3.0	0.20						2.93	20	
Surr: 4-Bromofluorobenzene	2.1		2.000		107	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank В
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

Page 3 of 3

Received by	OCD:	7/29/2022	4:35:59 PM
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ANALY	ONMENT SIS Atory	AL		ull Environma EL: 505-345- Website: ww	49 Albuquer 3975 FAX	01 Haw que, NM : 505-3-	kins NE 4 87109 45-4107	Sar	mple Log-In Chec	k List
Client Name:	Harvest		Work	Order Num	nber: 220	5673			RcptNo: 1	
Received By:	Sean Livi	ingston	5/14/20	022 9:45:00	AM		5	_/	not	
Completed By:	Sean Livi	ingston	5/14/20	22 11:09:0	6 AM		<	/	not	
Reviewed By:	5 cc	5/14/22						-6	13 01	
Chain of Cust	ody									
1. Is Chain of Cu	stody comp	olete?			Yes		No		Not Present	
2. How was the s	ample deliv	vered?			Cou	rier				
Log In										
3. Was an attemp	ot made to	cool the samp	les?		Yes		No			
4. Were all sample	es received	l at a tempera	ture of >0° C	to 6.0°C	Yes		No			
5. Sample(s) in pr	roper conta	iner(s)?			Yes	~	No			
6. Sufficient samp					Yes		No			
7. Are samples (e)	xcept VOA	and ONG) pro	operly preserv	ed?	Yes	~	No			
8. Was preservativ	ve added to	bottles?			Yes		No	✓	NA 🗌	
9. Received at least	st 1 vial wit	h headspace	<1/4" for AQ \	OA?	Yes		No		NA 🔽	
10. Were any samp	ole containe	ers received b	roken?		Yes		No	~	# of preserved	-
11. Does paperwork (Note discrepan)		Yes		No		bottles checked for pH: (<2 or >12 ur	less noted)
2. Are matrices co					Yes		No		Adjusted?	
3. Is it clear what a	analyses w	ere requested	?		Yes		No		/	114/22
 Were all holding (If no, notify cus) 					Yes		No		Checked by: Sa	stiste
Special Handlin	ng (if app	olicable)								ta shyles
15. Was client notif			vith this order?)	Yes		No		NA 🔽	
Person N	otified:	1		Date				-		
By Whom	n:			Via:	🗌 eM	ail 🔲	Phone	Fax	In Person	
Regarding	g:					_				
Client Ins	tructions:									
16. Additional rema	arks:									
17. Cooler Inform	ation									
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal D	ate	Signed E	By		
	1.7	Good								
2	0.4	Good				_				

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	Date:	Time:	Relinquish	1 mg	Received by:	Via:	F))	5		



June 03, 2022

Danny Burns Harvest 1755 Arroyo Dr. Bloomfield, NM 87413 TEL: (505) 632-4475 FAX:

RE: Florance GC J 16A

OrderNo.: 2205B02

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/25/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report

Lab Order 2205B02

Date Reported: 6/3/2022

CLIENT: HarvestProject: Florance GC J 16ALab ID: 2205B02-001	Matrix: AIR	Col	lection Dat	e: 5/2	one 2 Influent 23/2022 12:30:00 PM 25/2022 7:05:00 AM	
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	: NSB
Gasoline Range Organics (GRO)	2700	25	µg/L	5	5/26/2022 9:03:48 AM	G88314
Surr: BFB	366	15-380	%Rec	5	5/26/2022 9:03:48 AM	G88314
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	2.2	0.50	µg/L	5	5/26/2022 9:03:48 AM	B88314
Toluene	3.1	0.50	µg/L	5	5/26/2022 9:03:48 AM	B88314
Ethylbenzene	ND	0.50	µg/L	5	5/26/2022 9:03:48 AM	B88314
Xylenes, Total	10	1.0	µg/L	5	5/26/2022 9:03:48 AM	B88314
Surr: 4-Bromofluorobenzene	98.8	70-130	%Rec	5	5/26/2022 9:03:48 AM	B88314

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank В
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

2205B02

03-Jun-22

WO#:

Client: Project:	Harvest Florance (GC J 16A									
Sample ID:	2205b02-001adup	SampT	ype: DU	Р	Tes	tCode: EF	PA Method	8015D: Gasol	ine Range	•	
Client ID:	Zone 2 Influent	Batcl	n ID: G8	8314	F	RunNo: 88	3314				
Prep Date:		Analysis E	Date: 5/ 2	26/2022	S	SeqNo: 31	31797	Units: µg/L			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	2700	25						1.38	20	
Surr: BFB		37000		10000		368	15	380	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference

- Analyte detected in the associated Method Blank Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

В

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Released to Imaging: 11/29/2022 10:50:32 AM

% Recovery outside of range due to dilution or matrix interference

Value exceeds Maximum Contaminant Level.

Holding times for preparation or analysis exceeded

Sample Diluted Due to Matrix

PQL Practical Quanitative Limit

Not Detected at the Reporting Limit

Qualifiers:

*

D

Н

ND

S

Client:	Harvest
Project:	Florance GC J 16A

Sample ID: 2205b02-001adup	SampT	ype: DU	Р	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: Zone 2 Influent	Batch	n ID: B8	8314	F	RunNo: 8	8314				
Prep Date:	Analysis E	Date: 5/2	26/2022	Ś	SeqNo: 3'	131848	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	2.2	0.50						1.41	20	
Toluene	3.1	0.50						2.55	20	
Ethylbenzene	ND	0.50						0	20	
Xylenes, Total	11	1.0						2.74	20	
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130	0	0	

- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit
- Page 3 of 3

Page 43 of 68

WO#: 2205B02 03-Jun-22

ANALYSIS		TEL: 50.		901 Haw erque, NA X: 505-3-	kins NE 4 87109 45-4107	Sar	Page 4
Client Name: Harvest		Work Orde	er Number: 2	205B02			RcptNo: 1
Received By: Juan Roj	as	5/25/2022 7:	05:00 AM		flia	n ang	
Completed By: Cheyenn	e Cason	5/25/2022 9:	41:11 AM		1 here	L	
Reviewed By: KPG	5.25.27	2			Contra		
Chain of Custody							
1. Is Chain of Custody comp	olete?		Y	es 🔽	N	•	Not Present
2. How was the sample deliv	vered?		C	ourier			
<u>Log In</u>							
3. Was an attempt made to	cool the samples?		Ye	es 🗌	No		NA 🗹
4. Were all samples received	d at a temperature	of >0° C to 6.0	°C Ye	s 🗌	No	b	NA 🗹
5. Sample(s) in proper conta	iner(s)?		Ye	s 🗸	No		
6. Sufficient sample volume t	for indicated test(s)	17	Ye	s 🗸	No		
7. Are samples (except VOA	and ONG) properly	y preserved?	Ye	s 🔽	No		
8. Was preservative added to	bottles?		Ye	s 🗆	No		NA 🗌
9. Received at least 1 vial wit	th headspace <1/4	for AQ VOA?	Ye	s 🗆	No		NA 🗹
10. Were any sample contain	ers received broke	n?	Ye	s 🗆	No		
1.Does paperwork match bo			Ye	s 🔽	No		# of preserved bottles checked for pH:
(Note discrepancies on chi						-	(<2 or >12 unless noted)
2. Are matrices correctly iden		Custody?		s 🗸			Adjusted?
 Is it clear what analyses we Were all holding times able 	the state of the second se			5 V			Charter da salacia
(If no, notify customer for a	authorization.)		Ye	5 💟	NO		Cheeked by: JN 5 25 22
pecial Handling (if app	olicable)						
15. Was client notified of all d	iscrepancies with t	his order?	Ye	s 🗌	No		NA 🗹
Person Notified:			Date:	_			
By Whom:			Via: 🗌 el	Mail 🗌	Phone	Fax	In Person
Regarding:							
Client Instructions: 16. Additional remarks:							
17. <u>Cooler Information</u> Cooler No Temp °C 1 NA	Condition Se Good Yes	al Intact Sea	l No Seal	Date	Signed	Ву	

	hain	1-ot-C	Chain-of-Custody Record	I urn-Around	d Time:											eive
Client:	Harvest	1 1 1 1	Four corners	Standard	d 🗆 Rush					AN	╡		E.	HALL ENVIRONMENT	ENTA	
	Dakley		Haves	Project Name						STELISIN		0	0	LABUKAIUKI		
Mailing	Mailing Address:			Florance	66 J 16A			490	Haw	4901 Hawkins NE	R		nmer	www.naiienvironmental.com	9): 7/2
				Project #:			-	LaT	505-	505-345-3075	L	hnaik	hian	Eav FOF 346 4107	R	29/20
Phone #:	#:								200		An	Analvsis		Reduest		1224
email o	ir Fax#:	JOI KICY. Hay	email or Fax#: Carley. haves & holvestmidstream . corn	Project Manager:	ager:			(0	-		-	70		(1		1:35.
QA/QC Packa	QA/QC Package:		aval 4 (Euill Validation)	Danny	y Burns				รสว	SMIS		04' 20		nəsdA		:59 PN
Accreditation:	itation:	D Az C	C		E Carroll	1.6		1000	_			1.02, 1				
				Un Ice: # of Coolare:	A Yes	VI CUL ON E		1	-		_	1 '80	(AO			
				Cooler Temp(Including CF);	O(including CF): +	1-6-1-1,2 (°C)		18 C C C.		100		-				
Date	Time	Matrix	Sample Name	Container Type and #	Preservative	HEAL No.		108:H91	3081 Peg	vd sHAc	8 AAD7	3560 (VC	92) 0728	iloJ Isto ⁻		
5/23	08.21	Air	Zone 2 influe of	i Tedler			1 0							1		
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7	Time: 14:50	Relinquished by:	ied by:	Received by:	Via: /	Date Time 5/34/72 1450	Remarks:	rks:	10	s: r: dhirns@ensolum.com	0	nsol	C 12.	607		Pa
Pate:	Time:	Relinquished by	ad by: nother hack	Received by:	Via: LOUNIEN STR	Date Time		5))					ige 45 of
-	r necessary,	, samples sut	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.	contracted to other a	ccredited laboratories.	This serves as notice of this	possibili	ty. Any	sub-cor	tracted o	lata will	be clear	rlv nota	ad on the analytic	cal report.	68



July 01, 2022

Danny Burns Harvest 1755 Arroyo Dr. Bloomfield, NM 87413 TEL: (505) 632-4475 FAX:

RE: Florance GC J 16A

OrderNo.: 2206B63

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/22/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 2206B63

Hall Eı	nvironmental Analysis	s Laboratory, I	Inc.			Lab Order 2206B63 Date Reported: 7/1/202	2
CLIENT: Project: Lab ID:	Harvest Florance GC J 16A 2206B63-001	Matrix: AIR	(Collection Dat	e: 6/2	Tuent Zone 04 21/2022 2:40:00 PM 22/2022 7:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 8015D: GASOLINE RAN	IGE				Analyst	: NSB
Gasoline Surr: E	Range Organics (GRO) 3FB	4500 365	50 15-380	μg/L %Rec	10 10	6/23/2022 9:34:39 AM 6/23/2022 9:34:39 AM	G8899 G8899
	THOD 8260B: VOLATILES					Analyst	: CCM
Benzene		1.5	0.50	µg/L	5	6/23/2022 12:23:00 PM	R8896
Toluene		6.5	0.50	μg/L	5	6/23/2022 12:23:00 PM	R8896
Ethylben	zene	0.85	0.50	μg/L	5	6/23/2022 12:23:00 PM	R8896
	ert-butyl ether (MTBE)	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R8896
	methylbenzene	1.0	0.50	μg/L	5	6/23/2022 12:23:00 PM	R8896
	methylbenzene	1.3	0.50	μg/L	5	6/23/2022 12:23:00 PM	R8896
	loroethane (EDC)	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
	pmoethane (EDB)	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
Naphthal		ND	1.0	μg/L	5	6/23/2022 12:23:00 PM	R889
•	naphthalene	ND	2.0	μg/L	5	6/23/2022 12:23:00 PM	R889
-	naphthalene	ND	2.0	μg/L	5	6/23/2022 12:23:00 PM	R889
Acetone		ND	5.0	μg/L	5	6/23/2022 12:23:00 PM	R889
Bromobe	nzene	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
	chloromethane	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
Bromofo		ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
Bromomo		ND	1.0	μg/L	5	6/23/2022 12:23:00 PM	R889
2-Butanc		ND	5.0	μg/L	5	6/23/2022 12:23:00 PM	R889
Carbon c		ND	5.0	μg/L	5	6/23/2022 12:23:00 PM	R889
	etrachloride	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
Chlorobe		ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
Chloroet		ND	1.0	μg/L	5	6/23/2022 12:23:00 PM	R889
Chlorofo		ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
Chlorom		ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
2-Chloro		ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	
4-Chloro		ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
cis-1,2-D		ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
,	Dichloropropene	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
	omo-3-chloropropane	ND	1.0	μg/L	5	6/23/2022 12:23:00 PM	R889
	chloromethane	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
Dibromo		ND	1.0	μg/L	5	6/23/2022 12:23:00 PM	R889
	lorobenzene	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
	lorobenzene	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
	lorobenzene	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
	difluoromethane	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
	loroethane	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889
	loroethene	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R889

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference S

Analyte detected in the associated Method Blank В

Е Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range RL Reporting Limit

Page 1 of 5

.

CLIENT: Harvest

Florance GC J 16A

2206B63-001

Project:

Lab ID:

Analytical Report Lab Order 2206B63

Date Reported: 7/1/2022

Matrix: AIR

Client Sample ID: Influent Zone 04 Collection Date: 6/21/2022 2:40:00 PM Received Date: 6/22/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES					Analyst	: CCM
1,2-Dichloropropane	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
1,3-Dichloropropane	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
2,2-Dichloropropane	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
1,1-Dichloropropene	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
Hexachlorobutadiene	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
2-Hexanone	ND	5.0	µg/L	5	6/23/2022 12:23:00 PM	R88966
Isopropylbenzene	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
4-Isopropyltoluene	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
4-Methyl-2-pentanone	ND	5.0	µg/L	5	6/23/2022 12:23:00 PM	R88966
Methylene chloride	ND	1.5	µg/L	5	6/23/2022 12:23:00 PM	R88966
n-Butylbenzene	ND	1.5	µg/L	5	6/23/2022 12:23:00 PM	R88966
n-Propylbenzene	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
sec-Butylbenzene	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
Styrene	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
tert-Butylbenzene	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R8896
Tetrachloroethene (PCE)	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R8896
trans-1,2-DCE	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
trans-1,3-Dichloropropene	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R88966
1,2,3-Trichlorobenzene	ND	0.50	μg/L	5	6/23/2022 12:23:00 PM	R88966
1,2,4-Trichlorobenzene	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
1,1,1-Trichloroethane	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
1,1,2-Trichloroethane	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
Trichloroethene (TCE)	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
Trichlorofluoromethane	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
1,2,3-Trichloropropane	ND	1.0	µg/L	5	6/23/2022 12:23:00 PM	R88966
Vinyl chloride	ND	0.50	µg/L	5	6/23/2022 12:23:00 PM	R88966
Xylenes, Total	18	0.75	µg/L	5	6/23/2022 12:23:00 PM	R88966
Surr: Dibromofluoromethane	94.4	70-130	%Rec	5	6/23/2022 12:23:00 PM	R88966
Surr: 1,2-Dichloroethane-d4	88.3	70-130	%Rec	5	6/23/2022 12:23:00 PM	R88966
Surr: Toluene-d8	124	70-130	%Rec	5	6/23/2022 12:23:00 PM	R88966
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	5	6/23/2022 12:23:00 PM	R88966

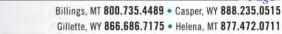
Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

* Value exceeds Maximum Contaminant Level.

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- NDNot Detected at the Reporting LimitPQLPractical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 5

Qualifiers:



ANALYTICAL SUMMARY REPORT

June 30, 2022

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

Received by OCD: 7/29/2022 4:35:59 PM

Work Order: G22060406

Project Name: 2206B63

Energy Laboratories Inc. Gillette WY received the following 1 sample for Hall Environmental on 6/23/2022 for analysis.

Lab ID	Client Sample ID	Coll ect Date R	eceive Date	Matrix	Test
G22060406-001	2206B63-001B; Influent Zone 04	06/21/22 14:40	06/23/22	Gas	Air Correction Calculations Analysis Corrections Calculated Properties GPM @ std cond,/1000 cu. ft., moist Free Natural Gas Analysis Specific Gravity @ 60/60

The analyses presented in this report were performed by Energy Laboratories, Inc., 400 W. Boxelder Rd., Gillette, WY 82718, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

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

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

Trust our People. Trust our Data.

www.energylab.com

Report Approved By:

Received by OCD: 7	79/2022 4:35:59 PM Trust our People. Trust our Data. www.energylab.com	Page-50 of 68 Billings, MT 800.735.4489 • Casper, WY 888.235.0515 Gillette, WY 866.686.7175 • Helena, MT 877.472.0711
CLIENT:	Hall Environmental 2206B63	Report Date: 06/30/22
Project: Work Order:	G22060406	CASE NARRATIVE

Tests associated with analyst identified as ELI-B were subcontracted to Energy Laboratories, 1120 S. 27th St., Billings, MT, EPA Number MT00005.

.



Page 51 of 68 Billings, MT 800.735.4489 . Casper, WY 888.235.0515 Gillette, WY 866.686.7175 • Helena, MT 877.472.0711

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client:	Hall Environmental		
Project:	2206B63		Report Date: 06/30/22
Client Sample ID:	2206B63-001B; Influent Zone 04		Collection Date: 06/21/22 14:40
Location:			Date Received: 06/23/22
Lab ID:	G22060406-001		Sampled By: Not Indicated
Analyses		Result Units	Qualifier Method Analysis Date / By
GAS CHROMATOG	RAPHIC ANALYSIS REPORT		
Oxygen		21.25 Mol %	GPA 2261- 06/27/08 14:14 / eli-b
Nitrogen		78.14 Mol %	GPA 2261- 06/27/08 14:14 / eli-b
Carbon Dioxide		0.44 Mol %	GPA 2261- 06/27/08 14:14 / eli-b
Hydrogen Sulfide		<0.01 Mol %	GPA 2261- 06/27/08 14:14 / eli-b
Methane		<0.01 Mol %	GPA 2261- 06/27/08 14:14 / eli-b
Ethane		<0.01 Mol %	GPA 2261- 06/27/08 14:14 / eli-b
Propane		<0.01 Mol %	GPA 2261- 06/27/08 14:14 / eli-b
Isobutane		<0.01 Mol %	GPA 2261- 06/27/08 14:14 / eli-b
n-Butane		<0.01 Mol %	GPA 2261- 06/27/08 14:14 / eli-b
Isopentane		<0.01 Mol %	GPA 2261- 06/27/08 14:14 / eli-b
n-Pentane		<0.01 Mol %	GPA 2261- 06/27/08 14:14 / eli-b
Hexanes plus		0.18 Mol %	GPA 2261- 06/27/08 14:14 / eli-b
GPM @ STD COND	/1000 CU.FT., MOISTURE FREE GAS		
Propane		< 0.001 gpm	GPA 2261- 06/27/08 14:14 / eli-b
Isobutane		< 0.001 gpm	GPA 2261- 06/27/08 14:14 / eli-b
n-Butane		< 0.001 gpm	GPA 2261- 06/27/08 14:14 / eli-b
Isopentane		< 0.001 gpm	GPA 2261- 06/27/08 14:14 / eli-b
n-Pentane		< 0.001 gpm	GPA 2261- 06/27/08 14:14 / eli-b
Hexanes plus		0.076 gpm	GPA 2261- 06/27/08 14:14 / eli-b
GPM Total		0.076 gpm	GPA 2261- 06/27/08 14:14 / eli-b
GPM Pentanes plus		0.076 gpm	GPA 2261- 06/27/08 14:14 / eli-b
CALCULATED PRO	DPERTIES		
Gross BTU per cu ft @) Std Cond. (HHV	8	GPA 2261- 06/27/08 14:14 / eli-b
Net BTU per cu ft @ s	td cond. (LHV)	8	GPA 2261- 06/27/08 14:14 / eli-b
Pseudo-critical Pressu	re, psia	546	GPA 2261- 06/27/08 14:14 / eli-b
Pseudo-critical Tempe	rature, deg R	241	GPA 2261- 06/27/08 14:14 / eli-b
PHYSICAL PROPE	RTIES-CALCULATED		
Specific Gravity @ 60/	60F	1.00	D3588-81 06/27/08 14:14 / eli-b
COMMENTS			
_			06/27/08 1/11/ / eli-b

06/27/08 14:14 / eli-b

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



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QA/QC Summary Report

Prepared by Billings, MT Branch

Client:	Hall Environmental			Work Order:	G2206	60406	Repor	t Date:	06/30/22	
Analyte		Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	GPA 2261-95								Batch:	R383813
Lab ID:	B22062144-001ADUP	Sample Dupli	cate			Run: GCN	GA-B_220627A		06/27	7/22 09:47
Oxygen		21.1	Mol %	0.01				0.1	20	
Nitrogen		78.2	Mol %	0.01				0	20	
Carbon Dic	oxide	0.74	Mol %	0.01				1.4	20	
Hydrogen S	Sulfide	<0.01	Mol %	0.01					20	
Methane		<0.01	Mol %	0.01					20	
Ethane		<0.01	Mol %	0.01					20	
Propane		<0.01	Mol %	0.01					20	
Isobutane		<0.01	Mol %	0.01					20	
n-Butane		<0.01	Mol %	0.01					20	
Isopentane	9	<0.01	Mol %	0.01					20	
n-Pentane		<0.01	Mol %	0.01					20	
Hexanes p	lus	<0.01	Mol %	0.01					20	
Lab ID:	B22062161-002ADUP	Sample Dupli	cate			Run: GCN	GA-B_220627A		06/27	7/22 11:37
Oxygen		21.2	Mol %	0.01				0.1	20	
Nitrogen		77.5	Mol %	0.01				0	20	
Carbon Dic	oxide	0.39	Mol %	0.01				0.0	20	
Hydrogen S	Sulfide	<0.01	Mol %	0.01					20	
Methane		<0.01	Mol %	0.01					20	
Ethane		<0.01	Mol %	0.01					20	
Propane		<0.01	Mol %	0.01					20	
Isobutane		0.01	Mol %	0.01				67	20	R
n-Butane		0.02	Mol %	0.01				40	20	R
Isopentane	9	0.04	Mol %	0.01				22	20	R
n-Pentane		0.05	Mol %	0.01				18	20	
Hexanes p	lus	0.75	Mol %	0.01				5.5	20	
Lab ID:	LCS062722	Laboratory Co	ontrol Sample	e		Run: GCN	GA-B_220627A		06/27	7/22 14:44
Oxygen		0.59	Mol %	0.01	118	70	130			
Nitrogen		6.07	Mol %	0.01	101	70	130			
Carbon Dic	oxide	1.00	Mol %	0.01	101	70	130			
Methane		74.3	Mol %	0.01	99	70	130			
Ethane		6.09	Mol %	0.01	101	70	130			
Propane		5.08	Mol %	0.01	103	70	130			
Isobutane		2.01	Mol %	0.01	100	70	130			
n-Butane		2.01	Mol %	0.01	100	70	130			
Isopentane)	1.02	Mol %	0.01	102	70	130			
n-Pentane		1.01	Mol %	0.01	101	70	130			
Hexanes p		0.78	Mol %	0.01	98	70	130			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

R - Relative Percent Difference (RPD) exceeds advisory limit



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G22060406

Work Order Receipt Checklist

Hall Environmental

Login completed by:	Chantel S. Johnson		Date	Received: 6/23/2022
Reviewed by:	Misty Stephens		Re	ceived by: jsj
Reviewed Date:	6/30/2022		Car	rier name: FedEx
Shipping container/cooler in	good condition?	Yes 🗸	No 🗌	Not Present
Custody seals intact on all s	shipping container(s)/cooler(s)?	Yes 🗹	No 🗌	Not Present
Custody seals intact on all s	ample bottles?	Yes	No 🗌	Not Present 🗹
Chain of custody present?		Yes 🗹	No 🗌	
Chain of custody signed wh	en relinquished and received?	Yes 🗹	No 🗌	
Chain of custody agrees wit	h sample labels?	Yes 🗹	No 🗌	
Samples in proper containe	r/bottle?	Yes 🗹	No 🗌	
Sample containers intact?		Yes 🗹	No 🗌	
Sufficient sample volume for indicated test?		Yes 🗹	No 🗌	
All samples received within (Exclude analyses that are of such as pH, DO, Res Cl, Si	considered field parameters	Yes 🗸	No 🗌	
Temp Blank received in all s	shipping container(s)/cooler(s)?	Yes	No 🗌	Not Applicable 🗹
Container/Temp Blank temp	erature:	°C		
Containers requiring zero he bubble that is <6mm (1/4").	eadspace have no headspace or	Yes	No 🗌	No VOA vials submitted 🗹
Water - pH acceptable upor	n receipt?	Yes 🗌	No 🗌	Not Applicable 🗹

Standard Reporting Procedures:

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

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

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

Contact and Corrective Action Comments:

None

Page 54 of 68

1 Natural Gas Analysis	6/21/2022 2:40:00 PM 1 N	Air	TEDLAR	1 2206863-001B Influent Zone 04	2206B63-001B	
ANALYTICAL COMMENTS	DATE No.	MATRIX	TYPE	CLIENT SAMPLE ID	SAMPLE	11 ENI
	COLLECTION		BOTTLE			
	¥ 507					
						-
				Gillette, WY 82718	Gillett	Γ
					CITY, STATE, ZIP:	CITY, :
EMAII,	ACCOUNT #:			400 W Boxelder Rd		
	1				SS	ADDRESS
(866) 686-7175 FAX	PHONE: ()	ies	Energy Laboratories	Energy Labs-Gillette	Energ	
					ONTRATOR:	SUBC
						1
rr ensue: www.nquenvironmental.com						

		3rd BD	2nd BiD	Next BD	RUSH	Slandard C	TAT:
FOR LAB USE ONLY	Time:	Date:		Received By:	Time:	Dare	Relinquished By:
HARDCOPY (extra cost)	Time:	Date:		Received By:	Time	Dale:	Reimquished By:
REPORT TRANSMITIAL DESIRED	Time:	Tage	6/23/2/	The second secon	Time: 11:23 AM.	Date: 6/22/2022	Reinquished By

SPECIAL INSTRUCTIONS / COMMENTS:

ONLINE 0

73000

Client:	Harvest										
Project:	Florance	GC J 16A									
Sample ID:	2206B63-001ADUP	Samp	Гуре: DU	P	Tes	tCode: EF	PA Method	8015D: Gasoli	ine Range		
Client ID:	Influent Zone 04	Batc	h ID: G8	8994	F	RunNo: 88	3994				
Prep Date:		Analysis [Date: 6/2	23/2022	Ş	SeqNo: 31	60363	Units: µg/L			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	e Organics (GRO)	4500	50						1.12	20	

367

15

380

0

20000

Surr: BFB

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference

- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 5

2206B63 *01-Jul-22*

WO#:

0

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:

Harvest Florance GC I 16A

Project: Florance	GC J 16A									
Sample ID: 2206B63-001adup	Samp	Type: DU	JP	Tes	stCode: El	PA Method	8260B: Volati	es		
Client ID: Influent Zone 04	Batcl	h ID: R8	8966	F	RunNo: 8	8966				
Prep Date:	Analysis [Date: 6/	23/2022	:	SeqNo: 3	160741	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.6	0.50						7.05	20	
Toluene	6.7	0.50						3.35	20	
Ethylbenzene	0.85	0.50						0.589	20	
Methyl tert-butyl ether (MTBE)	ND	0.50						0	20	
1,2,4-Trimethylbenzene	1.1	0.50						4.34	20	
1,3,5-Trimethylbenzene	1.4	0.50						4.74	20	
1,2-Dichloroethane (EDC)	ND	0.50						0	20	
1,2-Dibromoethane (EDB)	ND	0.50						0	20	
Naphthalene	ND	1.0						0	20	
1-Methylnaphthalene	ND	2.0						0	20	
2-Methylnaphthalene	ND	2.0						0	20	
Acetone	ND	5.0						0	20	
Bromobenzene	ND	0.50						0	20	
Bromodichloromethane	ND	0.50						0	20	
Bromoform	ND	0.50						0	20	
Bromomethane	ND	1.0						0	20	
2-Butanone	ND	5.0						0	20	
Carbon disulfide	ND	5.0						0	20	
Carbon tetrachloride	ND	0.50						0	20	
Chlorobenzene	ND	0.50						0	20	
Chloroethane	ND	1.0						0	20	
Chloroform	ND	0.50						0	20	
Chloromethane	ND	0.50						0	20	
2-Chlorotoluene	ND	0.50						0	20	
4-Chlorotoluene	ND	0.50						0	20	
cis-1,2-DCE	ND	0.50						0	20	
cis-1,3-Dichloropropene	ND	0.50						0	20	
1,2-Dibromo-3-chloropropane	ND	1.0						0	20	
Dibromochloromethane	ND	0.50						0	20	
Dibromomethane	ND	1.0						0	20	
1,2-Dichlorobenzene	ND	0.50						0	20	
1,3-Dichlorobenzene	ND	0.50						0	20	
1,4-Dichlorobenzene	ND	0.50						0	20	
Dichlorodifluoromethane	ND	0.50						0	20	
1,1-Dichloroethane	ND	0.50						0	20	

Qualifiers:

1,1-Dichloroethene

1,2-Dichloropropane

1,3-Dichloropropane

2,2-Dichloropropane

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference S

Analyte detected in the associated Method Blank в

Е Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit 20

20

20

20

0

0

0

0

WO#: 2206B63

01-Jul-22

ND

ND

ND

ND

0.50

0.50

0.50

0.50

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project: Harvest Florance GC J 16A

Sample ID: 2206B63-001adup	SampT	ype: DU	P	Tes	tCode: EF	PA Method	8260B: Volati	es		
Client ID: Influent Zone 04		n ID: R8	8966	F	RunNo: 88	3966				
Prep Date:	Analysis D	Date: 6/2	23/2022	S	SeqNo: 31	160741	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	0.50						0	20	
Hexachlorobutadiene	ND	0.50						0	20	
2-Hexanone	ND	5.0						0	20	
Isopropylbenzene	ND	0.50						0	20	
4-Isopropyltoluene	ND	0.50						0	20	
4-Methyl-2-pentanone	ND	5.0						0	20	
Methylene chloride	ND	1.5						0	20	
n-Butylbenzene	ND	1.5						0	20	
n-Propylbenzene	ND	0.50						0	20	
sec-Butylbenzene	ND	0.50						0	20	
Styrene	ND	0.50						0	20	
tert-Butylbenzene	ND	0.50						0	20	
1,1,1,2-Tetrachloroethane	ND	0.50						0	20	
1,1,2,2-Tetrachloroethane	ND	0.50						0	20	
Tetrachloroethene (PCE)	ND	0.50						0	20	
trans-1,2-DCE	ND	0.50						0	20	
trans-1,3-Dichloropropene	ND	0.50						0	20	
1,2,3-Trichlorobenzene	ND	0.50						0	20	
1,2,4-Trichlorobenzene	ND	0.50						0	20	
1,1,1-Trichloroethane	ND	0.50						0	20	
1,1,2-Trichloroethane	ND	0.50						0	20	
Trichloroethene (TCE)	ND	0.50						0	20	
Trichlorofluoromethane	ND	0.50						0	20	
1,2,3-Trichloropropane	ND	1.0						0	20	
Vinyl chloride	ND	0.50						0	20	
Xylenes, Total	19	0.75						3.23	20	
Surr: Dibromofluoromethane	4.7		5.000		94.7	70	130	0	0	
Surr: 1,2-Dichloroethane-d4	4.3		5.000		86.8	70	130	0	0	
Surr: Toluene-d8	6.3		5.000		125	70	130	0	0	
Surr: 4-Bromofluorobenzene	5.0		5.000		99.3	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

WO#:	2206B63
	01 1.1 22

Page 5 of 5

01-Jul-22

ANAL	RONMENT YSIS PRATORY	AL	TE	ll Environmen L: 505-345-3 Website: www	490 Albuquero 975 FAX:	01 Hawk que, NM 505-342	ins NE 87109 5-4107	Sar	nple Log-In Check List
Client Name:	Harvest		Work	Order Num	ber: 220	6B63			RcptNo: 1
Received By:	Cheyenne	Cason	6/22/20	22 7:00:00 /	AM		Chem	1	
Completed By:	Sean Livi	ngston	6/22/20	22 11:17:30	AM		<	1	in the
Reviewed By:	KDG	6.2	2.23	r			20	<i>_U</i> .	
Chain of Cu	stodv								
1. Is Chain of (lete?			Yes		No		Not Present
2. How was the	e sample deliv	ered?			Cou	rier			
Log In									
3. Was an atte	mpt made to d	cool the sampl	es?		Yes		No		NA 🔽
4. Were all sam	ples received	at a temperat	ure of >0° C	to 6.0°C	Yes		No		NA 🔽
5. Sample(s) in	proper conta	iner(s)?			Yes		No		
6. Sufficient sar	nole volume f	or indicated te	et/e\2		Yes		No	П	
7. Are samples				she	Yes		No		
8. Was preserv			pony procern		Yes		No		
9. Received at I	east 1 vial wit	h headspace ·	<1/4" for AQ V	OA?	Yes		No		
10. Were any sa	mple containe	ers received bi	oken?		Yes	-	No	~	
11. Does paperw (Note discrer	ork match bot bancies on cha				Yes	✓	No		# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices					Yes	V	No		Adjusted?
13. Is it clear what	at analyses we	ere requested'	,		Yes		No		
14. Were all hold (If no. notify o	ing times able customer for a				Yes		No		Checked by: 12-6/22/2
Special Hand								<	
15. Was client n		1000 C	vith this order?	,	Yes		No		NA 🔽
	Notified:			Date:				_	
By Wh			_	Via:	eM	ail 🗌	Phone	Fax	In Person
Regard	ding:				1.10				
Client	Instructions:								
16. Additional re	emarks:								
17. <u>Cooler Info</u> Cooler N		Condition	Seal Intact	Seal No	Seal D	ate	Signed	Ву	
1	NA	Good							1

.

N/M LXStandard Rush Project Name: Floffunce G-C J 6-A Project Name: Floffunce G-C J 6-A Project Manager: Doumy Put FUS Markins NE - Albuquenque, NM 8710 Sampler: D/C Drumy Put FUS Analysis Request On Ice: D/C No Fast 305-345-3075 Fast 305-345-4107 Container Presentative HAL NS Fast 305-345-4107 Type and # Type D/C No No Container Presentative HEAL NS Fast 305-345-4107 Type and # Type D/C No No Container Presenvative HEAL NS Fast 305-345-4107 Type and # Type D/C Response No Dole for Temporative HEAL NS B081 Pesticides/8082 PCB's B081 Pesticides/8082 PCB's Baldation Scient VOA Scient VOA Scient VOA Scient VOA Baldation Scient VOA Scient VOA Scient VOA	1822 Relinquished by:	12 15:50	Timo:	2022 	4:35:	59 PN							6-21-221 1440 Av Influent Zone	Date Time Matrix Sample Name		EDD (Type)		Accreditation: Az Compliance	QA/QC Package:	email or Fax#:	Phone #:			Oakley H	Client: Hawvest Mirols	Chain-of-Custody Record
Distandard Project Name: Rush Project Namager: UNALYSIS LABORATIO Project Manager: WW. hallenvironmental.com Project Manager: No Sampler: DYS Sampler: DYS Container Preservative Preservative HEAL NS: Remarks: EEDB (Method 504.1) RCRA 8 Metals CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ Sampler VOC S 82260 (VOA) 82270 (Semi-VOA) Total Coliform (Present/Absent) KEAL VMC Value VMC Value VAL Value VAL VOC S Sampler KEAL <	The A												0												hearn	Record
Preservative VI9:		eceived by:			0				/				2-Tellar	Container Fype and #	Cooler Temp	# of Coolers:	On Ice:	Sampler:	Danny	Project Mana		Project #:	FLORAN	Project Nam	KStandard	Turn-Around Time:
ANALYSIS LABORATO WWW.hallenvionmental.com Tel. 506-345-3975 Fax 506-345-3975 Fax 506-345-3975 Fax 506-345-3975 Fax 506-345-3975 Fax 506-345-4107 Analysis Request Analysis Request An		Via:					/ /	/	/	/)	1	Preservative Type	(including CF); N	-	M Yes	210	Burn	ager:			1			l Time:
Analysis Requests Remarks: C.: Aburns C. Ensolution of the state of	Date /	Time ISS			\langle	//	/		/	/			100	2	~ (°		1000		21				1.		h	
ARTS: AR									1	/)		BTEX /		BE	 / TI	MB	's (8021)	- 1		-			
CC: dburns Q ensolution Q ensol		arks:		4		-			-	2			X	TPH:80	15D(GR		DR	O/MR	C)	-		10		1	
CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ Fax 50 Fax 5		S			-	-					-								PCB's				Ľ,		ļĹ	
CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ Fax 50 Fax 5		1.	-	-	-	-	-					-				-	-			_	0-040	2 2 7 6	w/Lin	1	> 1	
CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ Fax 50 Fax 5		di			5			-	-	1	-	-				-	-	270	SIMS	-	-Jec-C	10 14	VVVVV.			1
Signation Signation Instruction Instruction Instruction	es es	Sm	127	-								-	-			-),	PO, S	2.	Ana		_	hallo		
Total Coliform (Present/Absent) Fixed Gas	20	NS									1					- 31		-21	1 04, 04		lvsi					
Provide the NM 87109 Fixed Gas	1	O						X					-		-	vo	A)	-		_	s Re	neid		i		
II = CONTROL X Full VOCS 8260 X Full VOCS 8260 X Fixed Gas	QE	8			R		1		Y						-	-	-	sen	t/Abser	t)	gues			5		
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June 20, 2022

Danny Burns Harvest 1755 Arroyo Dr. Bloomfield, NM 87413 TEL: (505) 632-4475 FAX:

RE: Florance GC J16A

OrderNo.: 2206648

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 10 sample(s) on 6/11/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis I	aboratory, l	inc.			Ι	Analytical Report Lab Order: 2206648 Date Reported: 6/20/	2022
CLIENT: Harvest Project: Florance GC J16A				L	.ab ()rder: 22066	48
Lab ID: 2206648-001		C	ollecti	on Date	e: 6/	10/2022 10:40:00 A	М
Client Sample ID: SB04				Matrix	: Gl	ROUNDWATER	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Ana	yst: BRM
Benzene	2.1	1.0		µg/L	1	6/14/2022 8:16:44 P	M A88705
Toluene	4.4	1.0		µg/L	1	6/14/2022 8:16:44 P	M A88705
Ethylbenzene	14	1.0		μg/L	1	6/14/2022 8:16:44 P	M A88705
Xylenes, Total	49	2.0		μg/L	1	6/14/2022 8:16:44 P	M A88705
Surr: 4-Bromofluorobenzene	179	70-130	S	%Rec	1	6/14/2022 8:16:44 P	M A88705
Lab ID: 2206648-002		С	ollecti	on Date	e: 6/	10/2022 10:55:00 A	Μ
Client Sample ID: SB16				Matrix	: Gl	ROUNDWATER	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Ana	yst: BRM
Benzene	ND	1.0		µg/L	1	6/14/2022 9:28:02 P	M A88705
Toluene	ND	1.0		μg/L	1	6/14/2022 9:28:02 P	M A88705
Ethylbenzene	ND	1.0		μg/L	1	6/14/2022 9:28:02 P	M A88705
Xylenes, Total	ND	2.0		μg/L	1	6/14/2022 9:28:02 P	M A88705
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	6/14/2022 9:28:02 P	M A88705
Lab ID: 2206648-003		C	ollecti	on Date	e: 6/9	9/2022 1:40:00 PM	
Client Sample ID: MW-4				Matrix	: Gl	ROUNDWATER	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Ana	yst: BRM
Benzene	ND	1.0		µg/L	1	6/14/2022 9:51:41 P	-
Toluene	ND	1.0		µg/L	1	6/14/2022 9:51:41 P	
Ethylbenzene	ND	1.0		µg/L	1	6/14/2022 9:51:41 P	
Xylenes, Total	ND	2.0		µg/L	1	6/14/2022 9:51:41 P	
		2.0		µy/L		0/14/2022 3.31.411	

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

E Estimated value

Analyte detected in the associated Method Blank

- J Analyte detected below quantitation limits
- P Sample pH Not In Range

в

RL Reporting Limit

Analytical Report Lab Order: 2206648

CLIENT: H	Harvest				T	ab O	order: 2206	648	
Project: H	Florance GC J16A							0.0	
Lab ID:	2206648-004		С	ollecti	on Date	: 6/9	0/2022 1:50:00 PN	Л	
Client Sample ID:	MW-8				Matrix	GF	ROUNDWATER		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 80	21B: VOLATILES						An	alyst	BRM
Benzene		ND	1.0		µg/L	1	6/14/2022 10:15:22	2 PM	A88705
Toluene		ND	1.0		µg/L	1	6/14/2022 10:15:22	2 PM	A88705
Ethylbenzene		ND	1.0		µg/L	1	6/14/2022 10:15:22	2 PM	A88705
Xylenes, Total		ND	2.0		µg/L	1	6/14/2022 10:15:22	2 PM	A88705
Surr: 4-Bromoflue	orobenzene	89.9	70-130		%Rec	1	6/14/2022 10:15:22	2 PM	A88705
Lab ID:	2206648-005		C	ollecti	on Date	: 6/9	0/2022 2:05:00 PN	Л	
Client Sample ID:	MW-11				Matrix	: GF	ROUNDWATER		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 80	21B: VOLATILES						An	alyst	BRM
EPA METHOD 80 Benzene	21B: VOLATILES	ND	1.0		µg/L	1	An 6/14/2022 10:39:0 [,]		
	21B: VOLATILES	ND ND	1.0 1.0		μg/L μg/L	1 1		1 PM	A88705
Benzene	21B: VOLATILES		-				6/14/2022 10:39:0 ⁻	1 PM 1 PM	A88705 A88705
Benzene Toluene	21B: VOLATILES	ND	1.0		µg/L	1	6/14/2022 10:39:0 ⁻ 6/14/2022 10:39:0 ⁻	1 PM 1 PM 1 PM 1 PM	A88705 A88705 A88705
Benzene Toluene Ethylbenzene		ND ND	1.0 1.0		μg/L μg/L	1 1	6/14/2022 10:39:0 [,] 6/14/2022 10:39:0 [,] 6/14/2022 10:39:0 [,]	1 PM 1 PM 1 PM 1 PM 1 PM	BRM A88705 A88705 A88705 A88705 A88705
Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromoflue		ND ND ND	1.0 1.0 2.0 70-130	ollecti	μg/L μg/L μg/L %Rec	1 1 1 1	6/14/2022 10:39:0 ⁻ 6/14/2022 10:39:0 ⁻ 6/14/2022 10:39:0 ⁻ 6/14/2022 10:39:0 ⁻	1 PM 1 PM 1 PM 1 PM 1 PM 1 PM	A88705 A88705 A88705 A88705
Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromoflue	orobenzene 2206648-006	ND ND ND	1.0 1.0 2.0 70-130	ollecti	μg/L μg/L μg/L %Rec	1 1 1 1 : 6/1	6/14/2022 10:39:0 ⁻ 6/14/2022 10:39:0 ⁻ 6/14/2022 10:39:0 ⁻ 6/14/2022 10:39:0 ⁻ 6/14/2022 10:39:0 ⁻	1 PM 1 PM 1 PM 1 PM 1 PM 1 PM	A88705 A88705 A88705 A88705
Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromoflue	orobenzene 2206648-006	ND ND ND	1.0 1.0 2.0 70-130		μg/L μg/L μg/L %Rec on Date Matrix	1 1 1 : 6/1 : GF	6/14/2022 10:39:0 ⁻ 6/14/2022 10:39:0 ⁻ 6/14/2022 10:39:0 ⁻ 6/14/2022 10:39:0 ⁻ 6/14/2022 10:39:0 ⁻ 6/14/2022 10:39:0 ⁻ 0/2022 10:13:00	1 PM 1 PM 1 PM 1 PM 1 PM	A88705 A88705 A88705 A88705
Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromoflue Lab ID: Client Sample ID:	orobenzene 2206648-006 MW-14	ND ND 90.2	1.0 1.0 2.0 70-130		μg/L μg/L μg/L %Rec on Date Matrix	1 1 1 : 6/1 : GF	6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 0/2022 10:13:00 ROUNDWATER Date Analyzed	1 PM 1 PM 1 PM 1 PM 1 PM AM	A88705 A88705 A88705 A88705 A88705
Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromoflue Lab ID: Client Sample ID: Analyses	orobenzene 2206648-006 MW-14	ND ND 90.2	1.0 1.0 2.0 70-130		μg/L μg/L μg/L %Rec on Date Matrix	1 1 1 : 6/1 : GF	6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 0/2022 10:13:00 ROUNDWATER Date Analyzed	1 PM 1 PM 1 PM 1 PM 1 PM AM Ba	A88709 A88709 A88709 A88709 A88709 A88709
Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromoflue Lab ID: Client Sample ID: Analyses EPA METHOD 80	orobenzene 2206648-006 MW-14	ND ND 90.2 Result	1.0 1.0 2.0 70-130 C RL		μg/L μg/L μg/L %Rec on Date Matrix Units	1 1 1 : 6/1 : GF DF	6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 0/2022 10:13:00 ROUNDWATER Date Analyzed An	1 PM 1 PM 1 PM 1 PM 1 PM AM AM Ba	A88709 A88709 A88709 A88709 A88709 A88709
Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromoflue Lab ID: Client Sample ID: Analyses EPA METHOD 80 Benzene	orobenzene 2206648-006 MW-14	ND ND 90.2 Result	1.0 1.0 2.0 70-130 C RL 1.0		μg/L μg/L μg/L %Rec on Date Matrix Units	1 1 1 : 6/1 : GF DF	6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 0/2022 10:13:00 ROUNDWATER Date Analyzed An 6/14/2022 11:02:36	1 PM 1 PM 1 PM 1 PM 1 PM AM AM Ba alyst: 6 PM 6 PM	A88709 A88709 A88709 A88709 A88709 A88709 A88709 A88709 A88709
Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromoflue Lab ID: Client Sample ID: Analyses EPA METHOD 80 Benzene Toluene	orobenzene 2206648-006 MW-14	ND ND 90.2 Result 1.9 ND	1.0 1.0 2.0 70-130 C RL 1.0 1.0		μg/L μg/L μg/L %Rec on Date Matrix Units μg/L μg/L	1 1 1 : 6/1 : GF DF	6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 6/14/2022 10:39:0 0/2022 10:13:00 ROUNDWATER Date Analyzed An 6/14/2022 11:02:36 6/14/2022 11:02:36	1 PM 1 PM 1 PM 1 PM 1 PM AM AM Ba alyst: 6 PM 6 PM 6 PM	A88705 A88705 A88705 A88705 A88705

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference s

Е Estimated value Analyte detected below quantitation limits

Analyte detected in the associated Method Blank

J Sample pH Not In Range Р

в

RL Reporting Limit

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Hall Environmental Analysis I	Laboratory, 1	Inc.			Ι	Analytical Report Lab Order: 2206648 Date Reported: 6/20	/2022	2
CLIENT: Harvest Project: Florance GC J16A				L	.ab ()rder: 22066	548	
Lab ID: 2206648-007		C	ollecti	on Date	: 6/9	9/2022 12:30:00 PI	M	
Client Sample ID: MW-17				Matrix	: Gl	ROUNDWATER		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 8021B: VOLATILES						Ana	alyst:	BRM
Benzene	ND	1.0		µg/L	1	6/14/2022 11:26:08	PM	A88705
Toluene	ND	1.0		µg/L	1	6/14/2022 11:26:08	PM	A88705
Ethylbenzene	ND	1.0		µg/L	1	6/14/2022 11:26:08	PM	A88705
Xylenes, Total	ND	2.0		µg/L	1	6/14/2022 11:26:08	PM	A88705
Surr: 4-Bromofluorobenzene	86.4	70-130		%Rec	1	6/14/2022 11:26:08	PM	A88705
Lab ID: 2206648-008		C	ollecti	on Date	: 6/9	9/2022 2:30:00 PM	[
Client Sample ID: MW-18				Matrix	: Gl	ROUNDWATER		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 8021B: VOLATILES						Ana	alyst:	BRM
Benzene	ND	1.0		µg/L	1	6/14/2022 11:49:39	PM	A88705
Toluene	ND	1.0		μg/L	1	6/14/2022 11:49:39	PM	A88705
Ethylbenzene	ND	1.0		μg/L	1	6/14/2022 11:49:39	PM	A88705
Xylenes, Total	ND	2.0		μg/L	1	6/14/2022 11:49:39	PM	A88705
Surr: 4-Bromofluorobenzene	88.1	70-130		%Rec	1	6/14/2022 11:49:39	PM	A88705
Lab ID: 2206648-009		C	ollecti	on Date	: 6/9	9/2022 1:00:00 PM	[
Client Sample ID: MW-22				Matrix	: Gl	ROUNDWATER		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 8021B: VOLATILES						Ana	alyst:	BRM
Benzene	ND	1.0		µg/L	1	6/15/2022 12:13:05	AM	A88705
Toluene	ND	1.0		µg/L	1	6/15/2022 12:13:05		A88705
Ethylbenzene	ND	1.0		µg/L	1	6/15/2022 12:13:05		A88705
Xylenes, Total	ND	2.0		µg/L	1	6/15/2022 12:13:05		A88705
- /						,		

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

E Estimated value

Analyte detected in the associated Method Blank

- J Analyte detected below quantitation limits
- P Sample pH Not In Range

в

RL Reporting Limit

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Hall Envi	ronmental Analysis L	с.		Analytical Report Lab Order: 2206648 Date Reported: 6/20/2022						
CLIENT: Project:	Harvest Florance GC J16A				L	.ab O	Order: 2206	648		
Lab ID:	2206648-010		C	ollecti	on Date	: 6/9	0/2022 12:05:00 P	М		
Client Sample	e ID: MW-24				Matrix	: GF	ROUNDWATER			
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID	
EPA METHO	D 8021B: VOLATILES						An	alyst:	BRM	
Benzene		ND	1.0		µg/L	1	6/15/2022 12:36:29	9 AM	A88705	
Toluene		ND	1.0		µg/L	1	6/15/2022 12:36:29	9 AM	A88705	
Ethylbenzene		1.5	1.0		µg/L	1	6/15/2022 12:36:29	9 AM	A88705	
Xylenes, Tota	al	ND	2.0		µg/L	1	6/15/2022 12:36:29	9 AM	A88705	
Surr: 4-Bro	omofluorobenzene	105	70-130		%Rec	1	6/15/2022 12:36:29	9 AM	A88705	

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D
- Sample Diluted Due to Matrix Н
- Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference S

Estimated value Е

Analyte detected in the associated Method Blank

- Analyte detected below quantitation limits J
- Р Sample pH Not In Range

в

RL Reporting Limit Page 4 of 5

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Harvest
Florance GC J16A

Sample ID: 100ng btex lcs	SampType: LCS TestCode: EPA Method 8021B: Volatiles									
Client ID: LCSW	Batc	h ID: A8	8705	F	RunNo: 88					
Prep Date:	Analysis [Date: 6/*	14/2022	S	SeqNo: 31	150265	Units: µg/L			
Analyte	Result	Result PQL SPK value			SPK Ref Val %REC LowLimit			%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	89.2	80	120			
Toluene	19	1.0	20.00	0	92.6	80	120			
Ethylbenzene	19	1.0	20.00	0	93.5	80	120			
Xylenes, Total	56	2.0	60.00	0	93.2	80	120			
Surr: 4-Bromofluorobenzene	20		20.00		98.7	70	130			
Sample ID: mb	SampT	Гуре: МВ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Sample ID: mb Client ID: PBW		Гуре: МВ h ID: А8			tCode: EF RunNo: 88		8021B: Volati	les		
		h ID: A8	8705	F		3705	8021Β: Volati l Units: μg/L	les		
Client ID: PBW	Batcl	h ID: A8	8705 14/2022	F	RunNo: 88	3705		les %RPD	RPDLimit	Qual
Client ID: PBW Prep Date:	Batcl Analysis [h ID: A8 Date: 6 /1	8705 14/2022	F	RunNo: 88 SeqNo: 3 1	3705 150278	Units: µg/L		RPDLimit	Qual
Client ID: PBW Prep Date: Analyte	Batcl Analysis I Result	h ID: A8 Date: 6 /* PQL	8705 14/2022	F	RunNo: 88 SeqNo: 3 1	3705 150278	Units: µg/L		RPDLimit	Qual
Client ID: PBW Prep Date: Analyte Benzene	Batcl Analysis I Result ND	h ID: A8 Date: 6 /1 PQL 1.0	8705 14/2022	F	RunNo: 88 SeqNo: 3 1	3705 150278	Units: µg/L		RPDLimit	Qual
Client ID: PBW Prep Date: Analyte Benzene Toluene	Batcl Analysis [Result ND ND	h ID: A8 Date: 6 /* PQL 1.0 1.0	8705 14/2022	F	RunNo: 88 SeqNo: 3 1	3705 150278	Units: µg/L		RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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WO#: 2206648

20-Jun-22

ANALYSIS		001 Hawkins N rque, NM 8710 2: 505-345-410	Page 6				
Client Name: Harvest Wo	rk Order Number: 220	06648		RcptNo: 1			
Received By: Desiree Dominguez 6/11/2	2022 10:00:00 AM		EP2				
Completed By: Desiree Dominguez 6/11/2	022 12:48:05 PM	-	TD				
Reviewed By: KPU 6-13-22	2		1-4				
Chain of Custody							
1. Is Chain of Custody complete?	Ye		No 🗌	Not Present			
2. How was the sample delivered?	Cor	urier					
Login							
Log In 3. Was an attempt made to cool the samples?	Yes	. 🗹	No 🗌				
4. Were all samples received at a temperature of >0° 0	C to 6.0°C Yes		No 🗌				
5. Sample(s) in proper container(s)?	Yes		No 🗌				
6. Sufficient sample volume for indicated test(s)?	Yes		No 🗌				
7. Are samples (except VOA and ONG) properly preser			No 🗌				
8. Was preservative added to bottles?	Yes		No 🗹	NA 🗌			
9. Received at least 1 vial with headspace <1/4" for AQ	VOA? Yes		No 🗌				
10. Were any sample containers received broken?	Yes		No 🔽				
				# of preserved bottles checked			
11. Does paperwork match bottle labels?	Yes		No 🗌	for pH:			
(Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody'	? Yes		No 🗌	(<2 or >12 unless noted) Adjusted?			
13. Is it clear what analyses were requested?	Yes						
14. Were all holding times able to be met?	Yes			Checked by: JP 6/13/22			
(If no, notify customer for authorization.)				JEONSILE			
Special Handling (if applicable)							
15. Was client notified of all discrepancies with this order	? Yes		No 🗌	NA 🗹			
Person Notified:							
By Whom:	Date: 	ail 🗍 Phon	e 🗌 Fax	In Person			
Regarding:							
Client Instructions:							
16. Additional remarks:							
17. <u>Cooler Information</u> Cooler No Temp °C Condition Seal Intact	Seal No Seal D	ate Sig	ned By				
1 0.8 Good Yes							

Received by HALL ENVIRONMENTAL ANALYSIS LADODA JODA	516A www.hallenvironmental.com	Tel. 505-345-3075 Faibuquerque, NM 87109 Tel. 505-345-3075 Faibuquerque	Analysis Request	(t	PO₄, SC PO₄, SC PO4, SC	7 DR4 (8082 1 (1,1) (1,2) (1,1	100 100 100 100 100 100 100	ethod ethod Met Met Met Met Met Met	Preservative HEAL No. X Type 206649 8260 (Voltaria)		-002	-003	H00-	-005	-006	+00-	800-	600-	→ 010-		-	Time
Chain-of-Custody Record Furn-Around E Harvest Midstream Ostandard		Project #:		Project Manager:	Danny Danny Danny	pliance Sampler:	# of Coolers:	Cooler Temp(Including CF):	Container Sample Name Type and #	Ч	SB16 1		MW-8	11-MW	MW-14	1 EI-MW	MW-18 1-WM	MW-22 3-VOAS	MW-24 4	(by: Received by	by: Received by
Chain-of-Cus Client: Harvest A	Att . Oakley Mailing Address:		Phone #:	email or Fax#:	QA/QC Package:	□ Az Con	EDD (Type)		Date Time Matrix S	6/10 1040 GW	b(10 1055	6/9 1340		6/9 1405	6/10 1013	6/9 1230	6/9 1430 1	619 1300 1	69 1205 1		Date: Time: Religquished by: 6-10-22 15:35	Date: Time: Relinquished by:

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Action 129871

CONDITIONS								
Operator:	OGRID:							
Harvest Four Corners, LLC	373888							
1111 Travis Street	Action Number:							
Houston, TX 77002	129871							
	Action Type:							
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)							

CONDITIONS

Created By	Condition	Condition Date
nvelez	Accepted for the record. See app ID 154973 for most updated status.	11/29/2022