

NV



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 activities 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.

Harvest Four Corners, LLC
Florance GC J16A
July 29, 2022



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 homogeneously 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.

Harvest Four Corners, LLC
Florance GC J16A
July 29, 2022



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

Harvest Four Corners, LLC
Florance GC J16A
July 29, 2022



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;

Harvest Four Corners, LLC
Florance GC J16A
July 29, 2022



- 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.

- 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:

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

Ensolum appreciates the opportunity to submit this report to the NMOCD on behalf of Harvest. If there are any questions or comments regarding this report, please contact Danny Burns.

Sincerely,

Ensolum, LLC

A handwritten signature in blue ink, appearing to read 'D. Burns'.

Danny Burns
Senior Geologist
303-601-1420
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A handwritten signature in blue ink, appearing to read 'Hannah Mishriki'.

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

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

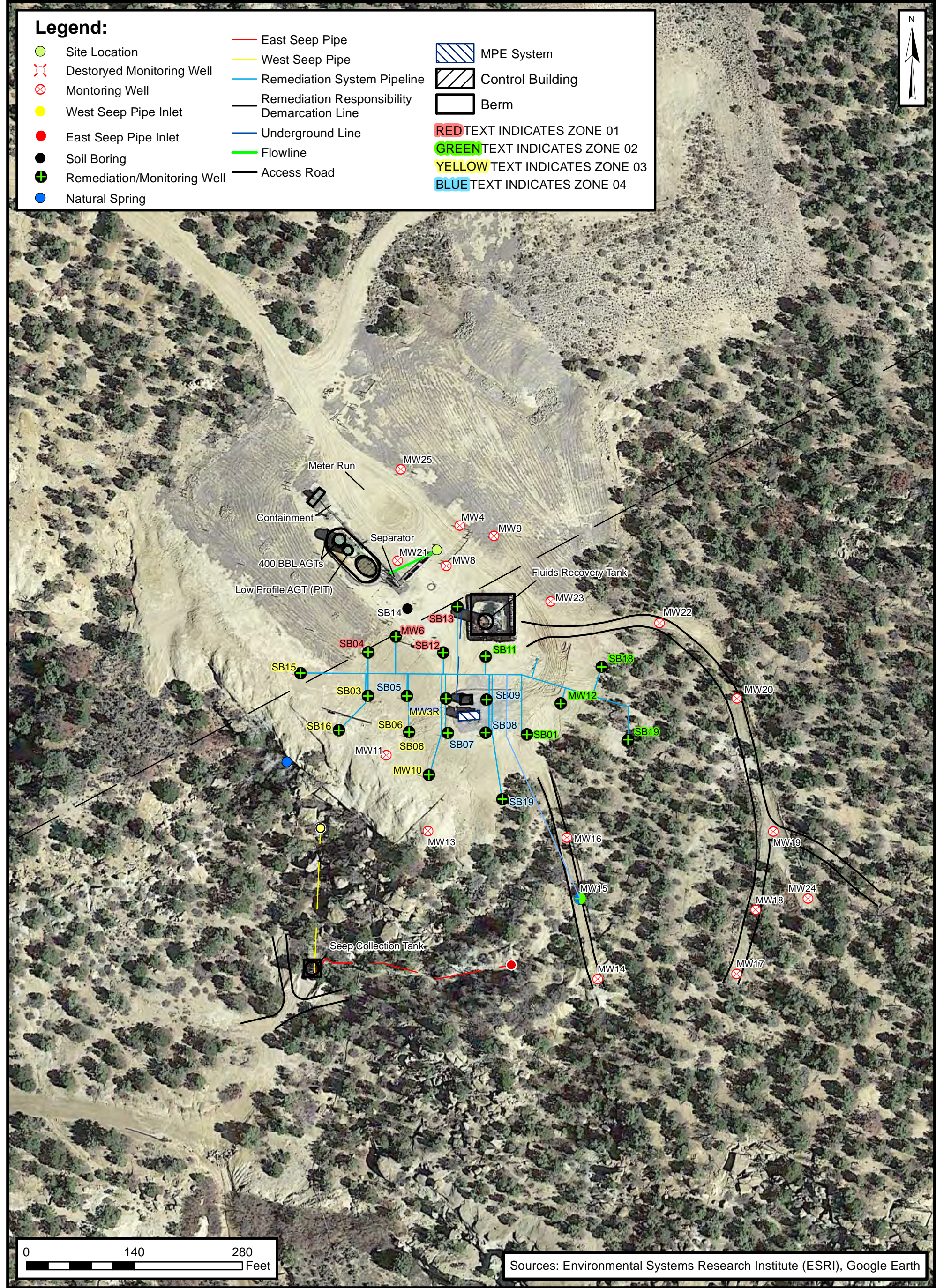
Harvest Four Corners, LLC
Florance GC J16A
July 29, 2022

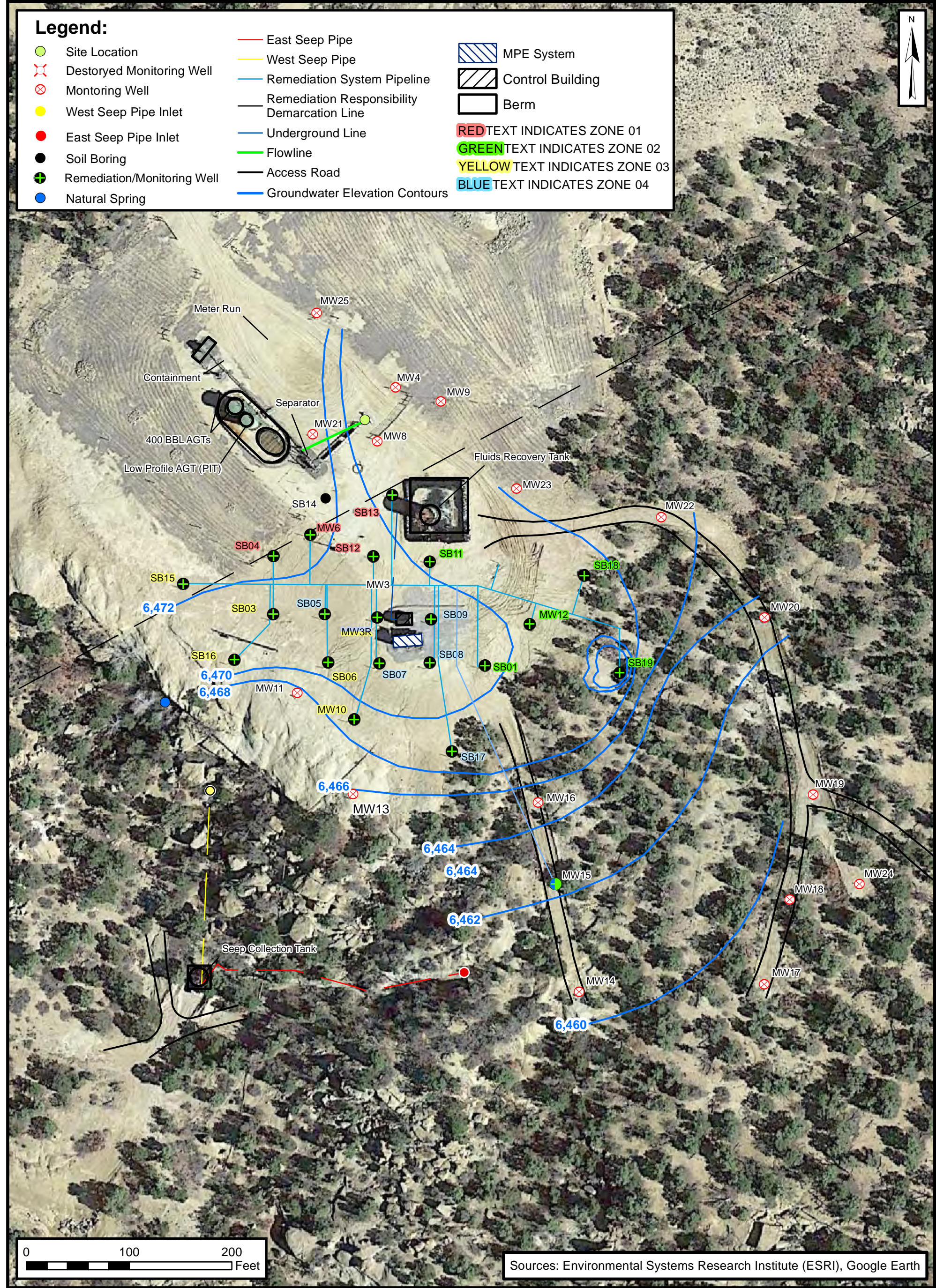


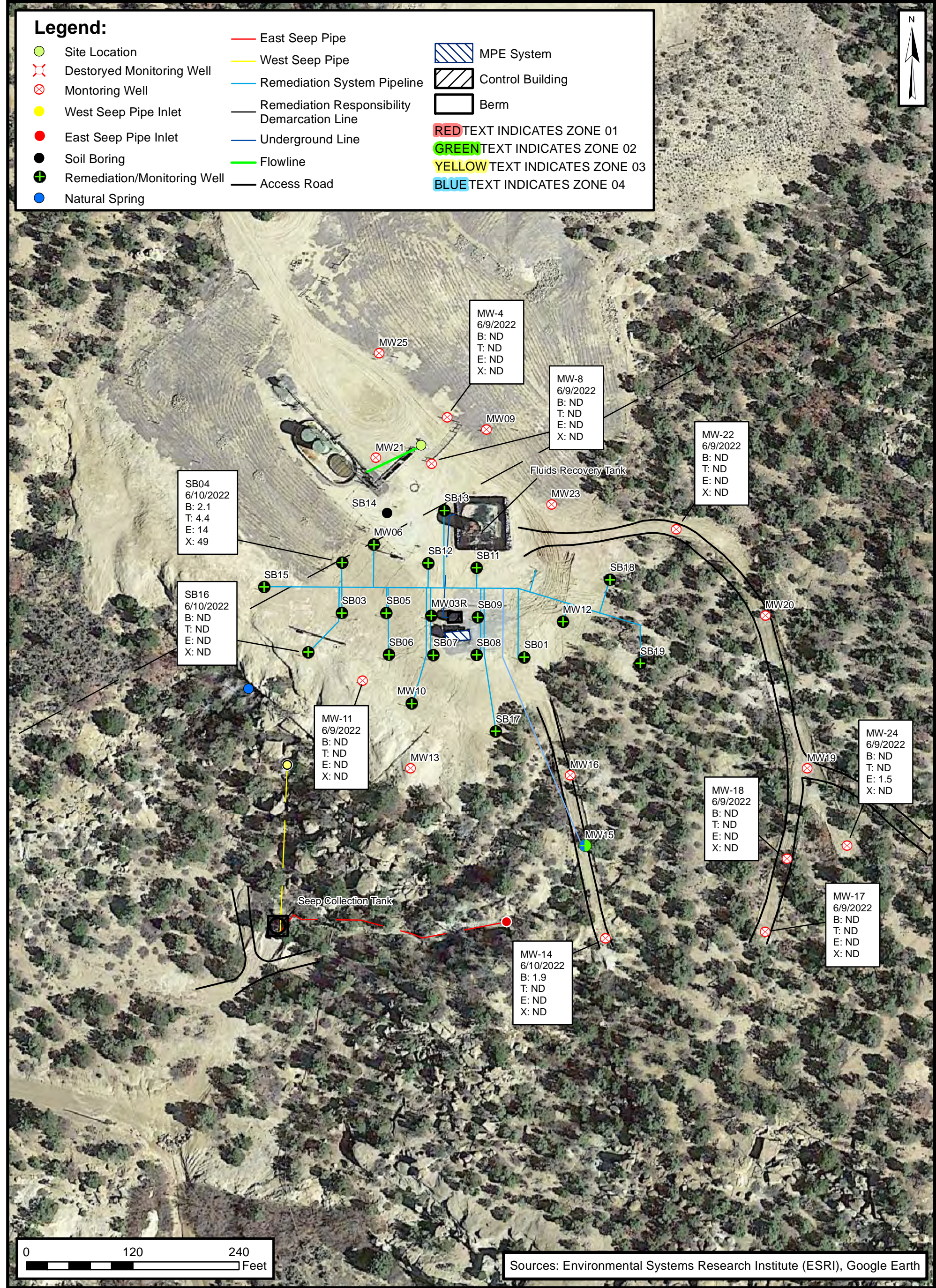
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|------------|--|
| Figure 1 | Remediation System Layout |
| Figure 2 | Groundwater Elevation Contour Map |
| Figure 3 | Groundwater Analytical Map |
| | |
| Table 1 | Remediation Systems Operational Run-Time |
| Table 2 | Extracted Air VOC Data |
| 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 |



FIGURES







Groundwater Analytical Map

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

FIGURE
#3



TABLES

**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 Provided in Previous Quarterly 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 Q2 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

Ensolum Project No. 07B2002007

| Date/Time | Influent VOCs (mg/m ³) | Active Remediation Zone | Air Flow Rate (scfm) | Time Period (hr:min:sec) | Time Period (min) | VOC Mass Removed (lbs) | Gal Removed (@0.755 g/cm ³) | Mass Removal Rate (lbs/day) | Mass Removal Rate (ton/yr) |
|--|------------------------------------|-------------------------|----------------------|--------------------------|-------------------|------------------------|---|-----------------------------|----------------------------|
| Earlier Data Provided in Previous Quarterly 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 Hydrocarbon VOC Removed 2nd Quarter 2022 | | | | 22 lbs | | 3.5 gal | | 0.1 bbl | |
| Total Quantity of Hydrocarbon VOC Removed Since Start-up May 2018 | | | | 3,557 lbs | | 654.7 gal | | 15.6 bbl | |

Notes:

bbl - barrel

gal - gallons

g/cm³ - grams per cubic centimeter

hr - hour

lbs - pounds

lbs/day - pounds per day

mg/m³ - milligrams per cubic meter

min - minute

scfm - standard cubic foot per minute

sec - second

ton/yr - ton per year

VOCs - volatile organic compounds

yr - year

Dashed line indicates a quarter change



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

Ensolum Project No. 07B2002007

| Date/Time | Hour Meter Reading | Flow Meter Reading (gal) | Gallons Recovered this Period | Cumulative Volume Recovered (gal) | Gallons Removed From Tank (Off-Site) | Time Period (hr:min:sec) | Time Period (min) | Recovery Rate | | Notes |
|---|--------------------|--------------------------|-------------------------------|-----------------------------------|--------------------------------------|--------------------------|-------------------|---------------|-----------|----------------|
| | | | | | | | | (gpm) | (gal/day) | |
| Earlier Data Provided in Previous Quarterly Reports | | | | | | | | | | |
| 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

in - inch

ft - feet

LNAPL - light non-aqueous phase liquid

gal - gallon

min - minute

gal/day - gallon per day

sec - second

gpm - gallon per minute

Dashed line indicated quarter change

hr - hour

--- - 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 | -- | -- |



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-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
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-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
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-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 | Date | 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 scfm | 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



TABLE 6
GROUNDWATER ELEVATIONS
 Harvest Four Corners - Florance GCJ #16A
 San Juan County, New Mexico

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



TABLE 6
GROUNDWATER ELEVATIONS
 Harvest Four Corners - Florance GCJ #16A
 San Juan County, New Mexico

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) |
|---------------------|-------------------------------------|-----------|----------------------------------|------------------------------|--------------------------|-----------------------------------|
| SB13 | 6,504.89 | 12/9/2021 | 35.05 | -- | -- | 6,469.84 |
| | | 3/22/2022 | 34.96 | -- | -- | 6,469.93 |
| | | 6/9/2022 | 35.22 | -- | -- | 6,469.67 |
| SB15 | 6,494.31 | 12/9/2021 | 20.02 | -- | -- | 6,474.29 |
| | | 3/22/2022 | 21.72 | -- | -- | 6,472.59 |
| | | 6/9/2022 | 21.65 | -- | -- | 6,472.66 |
| SB16 | 6,492.07 | 12/9/2021 | 20.16 | -- | -- | 6,471.91 |
| | | 3/22/2022 | 22.30 | -- | -- | 6,469.77 |
| | | 6/9/2022 | 20.23 | -- | -- | 6,471.84 |
| SB17 | 6,492.57 | 12/9/2021 | DRY | -- | -- | DRY |
| | | 3/22/2022 | DRY | -- | -- | DRY |
| | | 6/9/2022 | DRY | -- | -- | DRY |
| SB18 | 6,506.38 | 12/9/2021 | 35.22 | -- | -- | 6,471.16 |
| | | 3/22/2022 | 34.56 | -- | -- | 6,471.82 |
| | | 6/9/2022 | DRY | -- | -- | DRY |
| SB19 | 6,503.99 | 12/9/2021 | 35.38 | -- | -- | 6,468.61 |
| | | 3/22/2022 | 35.69 | -- | -- | 6,468.30 |
| | | 6/9/2022 | 30.32 | -- | -- | 6,473.67 |
| MW-3R | 6,502.86 | 12/9/2021 | 28.87 | -- | -- | 6,473.99 |
| | | 3/22/2022 | 30.24 | -- | -- | 6,472.62 |
| | | 6/9/2022 | 31.11 | 31.09 | 0.02 | 6,471.77 |
| MW-4* | -- | 12/9/2021 | 34.13 | -- | -- | -- |
| | | 3/22/2022 | 35.55 | -- | -- | -- |
| | | 6/9/2022 | 34.82 | -- | -- | -- |
| MW-6* | -- | 12/9/2021 | 32.35 | -- | -- | -- |
| | | 3/22/2022 | 33.44 | -- | -- | -- |
| | | 6/9/2022 | 32.96 | -- | -- | -- |
| MW-8* | -- | 12/9/2021 | 36.03 | -- | -- | -- |
| | | 3/22/2022 | 36.20 | -- | -- | -- |
| | | 6/9/2022 | 36.34 | -- | -- | -- |
| MW-9* | -- | 12/9/2021 | 45.32 | -- | -- | -- |
| | | 3/22/2022 | 45.34 | -- | -- | -- |
| | | 6/9/2022 | 45.29 | -- | -- | -- |



TABLE 6
GROUNDWATER ELEVATIONS
 Harvest Four Corners - Florance GCJ #16A
 San Juan County, New Mexico

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) |
|---------------------|---|-----------|--|---------------------------------|-----------------------------|---|
| MW-10* | -- | 12/9/2021 | 20.07 | -- | -- | -- |
| | | 3/22/2022 | 23.38 | -- | -- | -- |
| | | 6/9/2022 | 24.10 | -- | -- | -- |
| MW-11 | 6,492.85 | 12/9/2021 | 26.53 | -- | -- | 6,466.32 |
| | | 3/22/2022 | 25.98 | -- | -- | 6,466.87 |
| | | 6/9/2022 | 26.79 | -- | -- | 6,466.06 |
| MW-12 | 6,503.57 | 12/9/2021 | 34.21 | 32.94 | 1.27 | 6,470.38 |
| | | 3/22/2022 | 34.86 | 33.72 | 1.14 | 6,469.62 |
| | | 6/9/2022 | 34.41 | 33.46 | 0.95 | 6,469.92 |
| MW-13 | 6,490.03 | 12/9/2021 | 24.01 | -- | -- | 6,466.02 |
| | | 3/22/2022 | 24.67 | -- | -- | 6,465.36 |
| | | 6/9/2022 | 24.43 | -- | -- | 6,465.60 |
| MW-14 | 6,476.22 | 12/9/2021 | 15.45 | -- | -- | 6,460.77 |
| | | 3/22/2022 | 14.98 | -- | -- | 6,461.24 |
| | | 6/9/2022 | 15.14 | -- | -- | 6,461.08 |
| MW-15 | 6,478.37 | 12/9/2021 | 17.02 | 16.05 | 0.97 | 6,462.13 |
| | | 3/22/2022 | 16.31 | 16.22 | 0.09 | 6,462.13 |
| | | 6/9/2022 | 16.49 | 16.32 | 0.17 | 6,462.02 |
| MW-16 | 6,487.57 | 12/9/2021 | 22.79 | -- | -- | 6,464.78 |
| | | 3/22/2022 | 22.73 | -- | -- | 6,464.84 |
| | | 4/7/21.00 | 22.73 | -- | -- | 6,464.84 |
| MW-17 | 6,483.30 | 12/9/2021 | 22.18 | -- | -- | 6,461.12 |
| | | 3/22/2022 | 22.29 | -- | -- | 6,461.01 |
| | | 6/9/2022 | 22.35 | -- | -- | 6,460.95 |
| MW-18 | 6,485.22 | 12/9/2021 | 24.01 | -- | -- | 6,461.21 |
| | | 3/22/2022 | 24.37 | -- | -- | 6,460.85 |
| | | 6/9/2022 | 24.44 | -- | -- | 6,460.78 |
| MW-19 | 6,492.35 | 12/9/2021 | 30.83 | -- | -- | 6,461.52 |
| | | 3/22/2022 | 31.54 | -- | -- | 6,460.81 |
| | | 6/9/2022 | 32.79 | -- | -- | 6,459.56 |
| MW-20 | 6,493.38 | 12/9/2021 | 29.82 | -- | -- | 6,463.56 |
| | | 3/22/2022 | 29.53 | -- | -- | 6,463.85 |
| | | 6/9/2022 | 29.73 | -- | -- | 6,463.65 |



TABLE 6
GROUNDWATER ELEVATIONS
 Harvest Four Corners - Florance GCJ #16A
 San Juan County, New Mexico

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

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 |
| SB01 | 6/4/2020 | NS-LNAPL | | | |
| | 9/17/2020 | NS-LNAPL | | | |
| SB03 | 6/4/2020 | 32 | 8.1 | 69 | 720 |
| | 9/18/2020 | 6.8 | <5.0 | 14 | 170 |
| SB04 | 6/4/2020 | NS | | | |
| | 9/18/2020 | <1.0 | <1.0 | 11 | 63 |
| | 6/10/2022 | 2.1 | 4.4 | 14 | 49 |
| SB05 | 6/4/2020 | NS | | | |
| | 9/18/2020 | 460 | 60 | <10 | 380 |
| SB06 | 6/4/2020 | NS | | | |
| | 9/18/2020 | NS-LNAPL | | | |
| SB07 | 6/4/2020 | NS | | | |
| | 9/17/2020 | NS | | | |
| SB08 | 6/4/2020 | NS | | | |
| | 9/17/2020 | NS | | | |
| SB09 | 6/4/2020 | NS | | | |
| | 9/17/2020 | NS | | | |
| SB10 | 6/4/2020 | NS-DRY | | | |
| | 9/17/2020 | NS-DRY | | | |
| SB11 | 6/4/2020 | NS | | | |
| | 9/17/2020 | NS | | | |
| SB12 | 6/4/2020 | NS | | | |
| | 9/17/2020 | NS | | | |
| SB13 | 6/5/2020 | <1.0 | <1.0 | <1.0 | <2.0 |
| | 9/18/2020 | 2.0 | <1.0 | <1.0 | <1.5 |
| SB15 | 6/4/2020 | NS | | | |
| | 9/18/2020 | NS - Insufficient amount of water to sample | | | |



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
 Harvest Four Corners - Florance GCJ #16A
 San 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 |
| SB16 | 6/4/2020 | NS | | | |
| | 9/17/2020 | <1.0 | <1.0 | <1.0 | <1.5 |
| | 6/10/2022 | <1.0 | <1.0 | <1.0 | <2.0 |
| SB17 | 6/4/2020 | NS-DRY | | | |
| | 9/18/2020 | NS-DRY | | | |
| SB18 | 6/5/2020 | 7,400 | 9,100 | 760 | 9,800 |
| | 9/18/2020 | NS - Insufficient amount of water to sample | | | |
| SB19 | 6/4/2020 | NS | | | |
| | 9/18/2020 | NS - Insufficient amount of water to sample | | | |
| MW-1 | Destroyed during excavation/remediation activities | | | | |
| MW-2 | Destroyed during excavation/remediation activities | | | | |
| MW-3R | 6/4/2020 | NS-LNAPL | | | |
| | 9/18/2020 | NS-LNAPL | | | |
| MW-4 | 6/4/2020 | NS | | | |
| | 9/17/2020 | <1.0 | <1.0 | 1.1 | <1.5 |
| | 6/2/2021 | <1.0 | <1.0 | <1.0 | <2.0 |
| | 6/9/2022 | <1.0 | <1.0 | <1.0 | <2.0 |
| MW-5 | Destroyed during excavation/remediation activities | | | | |
| MW-6 | 6/5/2020 | <1.0 | 2.7 | 66 | 170 |
| | 9/18/2020 | <1.0 | 1.1 | 1.7 | 180 |
| MW-7 | Destroyed during excavation/remediation activities | | | | |
| MW-8 | 6/4/2020 | NS | | | |
| | 9/17/2020 | <1.0 | <1.0 | <1.0 | <1.5 |
| | 6/2/2021 | <1.0 | <1.0 | <1.0 | <2.0 |
| | 6/9/2022 | <1.0 | <1.0 | <1.0 | <2.0 |
| MW-9 | 6/4/2020 | <1.0 | <1.0 | <1.0 | <2.0 |
| | 9/17/2020 | <1.0 | <1.0 | <1.0 | <1.5 |
| MW-10 | 6/4/2020 | 370 | 46 | 86 | 880 |
| | 9/18/2020 | 380 | <5.0 | 120 | 28 |



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
 Harvest Four Corners - Florance GCJ #16A
 San 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 |
| MW-11 | 6/4/2020 | NS | | | |
| | 9/17/2020 | <1.0 | <1.0 | <1.0 | <1.5 |
| | 6/2/2021 | <1.0 | <1.0 | <1.0 | <2.0 |
| | 6/9/2022 | <1.0 | <1.0 | <1.0 | <2.0 |
| MW-12 | 6/4/2020 | NS-LNAPL | | | |
| | 9/17/2020 | NS-LNAPL | | | |
| MW-13 | 6/4/2020 | 1,100 | <20 | 160 | 460 |
| | 9/17/2020 | 1,500 | <20 | 260 | 890 |
| MW-14 | 6/4/2020 | NS | | | |
| | 9/17/2020 | <1.0 | <1.0 | <1.0 | <1.5 |
| | 12/17/2020 | <1.0 | <1.0 | <1.0 | <2.0 |
| | 6/2/2021 | <1.0 | <1.0 | <1.0 | <2.0 |
| | 6/10/2022 | 1.9 | <1.0 | <1.0 | <2.0 |
| MW-15 | 6/4/2020 | 8,600 | 10,000 | 800 | 9,600 |
| | 9/17/2020 | NS-LNAPL | | | |
| MW-16 | 6/4/2020 | NS-DRY | | | |
| | 9/17/2020 | NS - Insufficient amount of water to sample | | | |
| MW-17 | 6/4/2020 | NS | | | |
| | 9/17/2020 | <1.0 | <1.0 | <1.0 | <1.5 |
| | 6/2/2021 | <1.0 | <1.0 | <1.0 | <2.0 |
| | 6/9/2022 | <1.0 | <1.0 | <1.0 | <2.0 |
| MW-18 | 6/26/2020 | <1.0 | <1.0 | <1.0 | <1.5 |
| | 9/17/2020 | <1.0 | <1.0 | <1.0 | <1.5 |
| | 12/17/2020 | <1.0 | <1.0 | <1.0 | <2.0 |
| | 12/9/2021 | <1.0 | <1.0 | <1.0 | <2.0 |
| | 6/9/2022 | <1.0 | <1.0 | <1.0 | <2.0 |
| MW-19 | 6/4/2020 | NS-LNAPL | | | |
| | 9/17/2020 | NS-LNAPL | | | |
| MW-20 | 6/4/2020 | <1.0 | <1.0 | <1.0 | <2.0 |
| | 9/17/2020 | <1.0 | <1.0 | <1.0 | <1.5 |
| | 12/17/2020 | <1.0 | <1.0 | <1.0 | <2.0 |



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
 Harvest Four Corners - Florance GCJ #16A
 San 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 |
| MW-21 | 6/4/2020 | 9.6 | <1.0 | 23 | 21 |
| | 9/17/2020 | 5.6 | <1.0 | 6.6 | <1.5 |
| | 12/18/2020 | 4.1 | 1.5 | 5.6 | 2.6 |
| MW-22 | 6/26/2020 | <1.0 | <1.0 | <1.0 | <1.5 |
| | 9/17/2020 | <1.0 | <1.0 | <1.0 | <1.5 |
| | 12/9/2021 | <1.0 | <1.0 | <1.0 | <1.5 |
| | 6/9/2022 | <1.0 | <1.0 | <1.0 | <2.0 |
| MW-23 | 6/4/2020 | 1.8 | <1.0 | <1.0 | <2.0 |
| | 9/17/2020 | 2.2 | <1.0 | <1.0 | <1.5 |
| | 12/18/2020 | 1.5 | <1.0 | <1.0 | <2.0 |
| MW-24 | 6/26/2020 | <1.0 | <1.0 | 5.3 | <1.5 |
| | 9/17/2020 | 1.1 | <1.0 | 5.9 | <1.5 |
| | 12/17/2020 | 1.4 | <1.0 | 5.9 | <2.0 |
| | 12/9/2021 | 1.2 | <1.0 | 1.4 | <1.5 |
| | 6/9/2022 | <1.0 | <1.0 | 1.5 | <2.0 |
| MW-25 | 6/4/2020 | <1.0 | <1.0 | <1.0 | <2.0 |
| | 9/17/2020 | <1.0 | <1.0 | <1.0 | <1.5 |
| | 12/18/2020 | <1.0 | <1.0 | <1.0 | <2.0 |

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



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 26, 2022

Danny Burns

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX:

RE: Florance GC J 16A

OrderNo.: 2204954

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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2204954

Date Reported: 4/26/2022

Hall Environmental Analysis Laboratory, Inc.

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

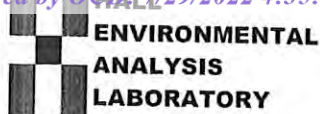
Received Date: 4/21/2022 7:40:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---|--------|--------|------|-------|----|-----------------------|--------------|
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | 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. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Page 1 of 1



Sample Log-In Check List

Client Name: Harvest

Work Order Number: 2204954

RcptNo: 1

Received By: Tracy Casarrubias 4/21/2022 7:40:00 AM

Completed By: Tracy Casarrubias 4/21/2022 10:40:32 AM

Reviewed By: CMC 4/21/22

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
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 preserved? Yes ☒ 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 ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: jmc 4/21/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1 | 3.7 | Good | Yes | | | |



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 18, 2022

Danny Burns

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX:

RE: Florance GC J 16A

OrderNo.: 2205673

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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2205673

Date Reported: 5/18/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: Zone 1 Influent

Project: Florance GC J 16A

Collection Date: 5/13/2022 2:25:00 PM

Lab ID: 2205673-001

Matrix: AIR

Received Date: 5/14/2022 9:45:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 400 | 5.0 | | µg/L | 1 | 5/16/2022 9:18:18 AM | G88023 |
| Surr: BFB | 669 | 15-380 | S | %Rec | 1 | 5/16/2022 9:18:18 AM | G88023 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.10 | | µg/L | 1 | 5/16/2022 9:18:18 AM | B88023 |
| Toluene | 0.72 | 0.10 | | µg/L | 1 | 5/16/2022 9:18:18 AM | B88023 |
| Ethylbenzene | ND | 0.10 | | µg/L | 1 | 5/16/2022 9:18:18 AM | B88023 |
| Xylenes, Total | 3.1 | 0.20 | | µg/L | 1 | 5/16/2022 9:18:18 AM | B88023 |
| Surr: 4-Bromofluorobenzene | 109 | 70-130 | | %Rec | 1 | 5/16/2022 9:18:18 AM | B88023 |

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

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

Page 1 of 3

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2205673

18-May-22

Client: Harvest
Project: Florance GC J 16A

| | | | | | | | | | | |
|-------------------------------|--------|--------------------------|-----------|-------------|--|----------|-------------|------|----------|------|
| Sample ID: 2205673-001adup | | SampType: DUP | | | TestCode: EPA Method 8015D: Gasoline Range | | | | | |
| Client ID: Zone 1 Influent | | Batch ID: G88023 | | | RunNo: 88023 | | | | | |
| Prep Date: | | Analysis Date: 5/16/2022 | | | SeqNo: 3120459 | | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 390 | 5.0 | | | | | | 1.21 | 20 | |
| Surr: BFB | 13000 | | 2000 | | 658 | 15 | 380 | 0 | 0 | S |

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 Quantitative 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 3

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2205673

18-May-22

Client: Harvest

Project: Florance GC J 16A

| | | | | | | | | | | |
|----------------------------|--------|--------------------------|-----------|---------------------------------------|------|-------------|-----------|------|----------|------|
| Sample ID: 2205673-001adup | | SampType: DUP | | TestCode: EPA Method 8021B: Volatiles | | | | | | |
| Client ID: Zone 1 Influent | | Batch ID: B88023 | | RunNo: 88023 | | | | | | |
| Prep Date: | | Analysis Date: 5/16/2022 | | SeqNo: 3120504 | | 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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

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

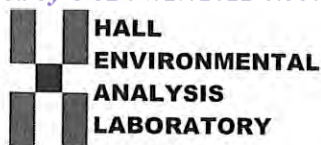
B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Harvest

Work Order Number: 2205673

RcptNo: 1

Received By: Sean Livingston 5/14/2022 9:45:00 AM
Completed By: Sean Livingston 5/14/2022 11:09:06 AM
Reviewed By: *See 5/14/22*

See Log
See Log

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
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 preserved? Yes ☒ 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 ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: *See 5/14/22*

*See 5/14/22*Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1 | 1.7 | Good | | | | |
| 2 | 0.4 | Good | | | | |



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

June 03, 2022

Danny Burns

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX:

RE: Florance GC J 16A

OrderNo.: 2205B02

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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2205B02

Date Reported: 6/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: Zone 2 Influent

Project: Florance GC J 16A

Collection Date: 5/23/2022 12:30:00 PM

Lab ID: 2205B02-001

Matrix: AIR

Received Date: 5/25/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | 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. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Page 1 of 3

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2205B02

03-Jun-22

Client: Harvest

Project: Florance GC J 16A

| | | | | | | | | | | |
|-------------------------------|--------|--------------------------|-----------|--|----------------|----------|-------------|------|----------|------|
| Sample ID: 2205b02-001adup | | SampType: DUP | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | |
| Client ID: Zone 2 Influent | | Batch ID: G88314 | | | RunNo: 88314 | | | | | |
| Prep Date: | | Analysis Date: 5/26/2022 | | | SeqNo: 3131797 | | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range 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 Quantitative 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 3

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2205B02
03-Jun-22

Client: Harvest
Project: Florance GC J 16A

| | | | | | | | | | | |
|----------------------------|--------|--------------------------|-----------|---------------------------------------|------|-------------|-----------|------|----------|------|
| Sample ID: 2205b02-001adup | | SampType: DUP | | TestCode: EPA Method 8021B: Volatiles | | | | | | |
| Client ID: Zone 2 Influent | | Batch ID: B88314 | | RunNo: 88314 | | | | | | |
| Prep Date: | | Analysis Date: 5/26/2022 | | SeqNo: 3131848 | | 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 | |

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 Quantitative Limit

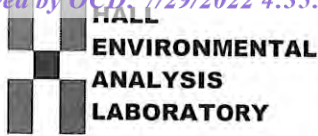
S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Harvest

Work Order Number: 2205B02

RcptNo: 1

Received By: Juan Rojas

5/25/2022 7:05:00 AM

Juan Rojas

Completed By: Cheyenne Cason

5/25/2022 9:41:11 AM

Cason

Reviewed By: KPa 5.25.22

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☐ No ☐ NA ☒
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☐ No ☐ NA ☒
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 preserved? Yes ☒ 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 ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: *JN 5/25/22*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1 | NA | Good | Yes | | | |



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 01, 2022

Danny Burns

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX:

RE: Florance GC J 16A

OrderNo.: 2206B63

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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2206B63

Date Reported: 7/1/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: Influent Zone 04

Project: Florance GC J 16A

Collection Date: 6/21/2022 2:40:00 PM

Lab ID: 2206B63-001

Matrix: AIR

Received Date: 6/22/2022 7:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---|--------|--------|------|-------|----|-----------------------|--------------|
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 4500 | 50 | | µg/L | 10 | 6/23/2022 9:34:39 AM | G88994 |
| Surr: BFB | 365 | 15-380 | | %Rec | 10 | 6/23/2022 9:34:39 AM | G88994 |
| EPA METHOD 8260B: VOLATILES | | | | | | | Analyst: CCM |
| Benzene | 1.5 | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Toluene | 6.5 | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Ethylbenzene | 0.85 | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 1,2,4-Trimethylbenzene | 1.0 | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 1,3,5-Trimethylbenzene | 1.3 | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 1,2-Dichloroethane (EDC) | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Naphthalene | ND | 1.0 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 1-Methylnaphthalene | ND | 2.0 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 2-Methylnaphthalene | ND | 2.0 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Acetone | ND | 5.0 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Bromobenzene | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Bromodichloromethane | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Bromoform | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Bromomethane | ND | 1.0 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 2-Butanone | ND | 5.0 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Carbon disulfide | ND | 5.0 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Carbon tetrachloride | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Chlorobenzene | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Chloroethane | ND | 1.0 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Chloroform | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Chloromethane | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 2-Chlorotoluene | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 4-Chlorotoluene | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| cis-1,2-DCE | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| cis-1,3-Dichloropropene | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Dibromochloromethane | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Dibromomethane | ND | 1.0 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 1,2-Dichlorobenzene | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 1,3-Dichlorobenzene | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 1,4-Dichlorobenzene | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| Dichlorodifluoromethane | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 1,1-Dichloroethane | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 1,1-Dichloroethene | ND | 0.50 | | µg/L | 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.

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

Page 1 of 5

Analytical Report

Lab Order 2206B63

Date Reported: 7/1/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: Influent Zone 04

Project: Florance GC J 16A

Collection Date: 6/21/2022 2:40:00 PM

Lab ID: 2206B63-001

Matrix: AIR

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 | R88966 |
| Tetrachloroethene (PCE) | ND | 0.50 | | µg/L | 5 | 6/23/2022 12:23:00 PM | R88966 |
| 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.

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

Page 2 of 5



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ANALYTICAL SUMMARY REPORT

June 30, 2022

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

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 | Collect Date | Receive 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.

Report Approved By:



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CLIENT: Hall Environmental
Project: 2206B63
Work Order: G22060406

Report Date: 06/30/22

CASE NARRATIVE

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



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LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Hall Environmental
Project: 2206B63
Client Sample ID: 2206B63-001B; Influent Zone 04
Location:
Lab ID: G22060406-001

Report Date: 06/30/22
Collection Date: 06/21/22 14:40
Date Received: 06/23/22
Sampled By: Not Indicated

| Analyses | Result | Units | Qualifier | Method | Analysis Date / By |
|----------|--------|-------|-----------|--------|--------------------|
|----------|--------|-------|-----------|--------|--------------------|

GAS CHROMATOGRAPHIC 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 PROPERTIES

| | | | | |
|---------------------------------------|-----|--|-----------|------------------------|
| Gross BTU per cu ft @ Std Cond. (HHV) | 8 | | GPA 2261- | 06/27/08 14:14 / eli-b |
| Net BTU per cu ft @ std cond. (LHV) | 8 | | GPA 2261- | 06/27/08 14:14 / eli-b |
| Pseudo-critical Pressure, psia | 546 | | GPA 2261- | 06/27/08 14:14 / eli-b |
| Pseudo-critical Temperature, deg R | 241 | | GPA 2261- | 06/27/08 14:14 / eli-b |

PHYSICAL PROPERTIES-CALCULATED

| | | | | |
|---------------------------|------|--|----------|------------------------|
| Specific Gravity @ 60/60F | 1.00 | | D3588-81 | 06/27/08 14:14 / eli-b |
|---------------------------|------|--|----------|------------------------|

COMMENTS

| | | |
|---|---|------------------------|
| - | - | 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. | | |

Report RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

ND - Not detected at the Reporting Limit (RL)



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QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental

Work Order: G22060406

Report 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 Duplicate | | Run: GCNGA-B_220627A | | | | 06/27/22 09:47 | | |
| Oxygen | 21.1 | Mol % | 0.01 | | | | 0.1 | 20 | |
| Nitrogen | 78.2 | Mol % | 0.01 | | | | 0 | 20 | |
| Carbon Dioxide | 0.74 | Mol % | 0.01 | | | | 1.4 | 20 | |
| Hydrogen Sulfide | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Methane | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Ethane | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Propane | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isobutane | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Butane | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isopentane | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Pentane | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Hexanes plus | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Lab ID: B22062161-002ADUP | Sample Duplicate | | Run: GCNGA-B_220627A | | | | 06/27/22 11:37 | | |
| Oxygen | 21.2 | Mol % | 0.01 | | | | 0.1 | 20 | |
| Nitrogen | 77.5 | Mol % | 0.01 | | | | 0 | 20 | |
| Carbon Dioxide | 0.39 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Hydrogen Sulfide | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Methane | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Ethane | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Propane | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isobutane | 0.01 | Mol % | 0.01 | | | | 67 | 20 | R |
| n-Butane | 0.02 | Mol % | 0.01 | | | | 40 | 20 | R |
| Isopentane | 0.04 | Mol % | 0.01 | | | | 22 | 20 | R |
| n-Pentane | 0.05 | Mol % | 0.01 | | | | 18 | 20 | |
| Hexanes plus | 0.75 | Mol % | 0.01 | | | | 5.5 | 20 | |
| Lab ID: LCS062722 | Laboratory Control Sample | | Run: GCNGA-B_220627A | | | | 06/27/22 14:44 | | |
| Oxygen | 0.59 | Mol % | 0.01 | 118 | 70 | 130 | | | |
| Nitrogen | 6.07 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Carbon Dioxide | 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 plus | 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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Work Order Receipt Checklist

Hall Environmental

G22060406

Login completed by: Chantel S. Johnson

Date Received: 6/23/2022

Reviewed by: Misty Stephens

Received by: jsj

Reviewed Date: 6/30/2022

Carrier name: FedEx

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

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



CHAIN OF CUSTODY RECORD

1 1

Hall Environmental Analysis Laboratory

4901 Hawkins NE

Albuquerque, NM 87109

TEL: 505-345-3975

FAX: 505-345-4107

Website: www.hallenvironmental.com

| | | | | | |
|---|--------------|---|-------------|------------------------------|------------------------|
| SUB CONTRACTOR: Energy Labs-Gillette | | COMPANY: Energy Laboratories | | PHONE: (866) 686-7175 | FAX: |
| ADDRESS: 400 W Boxelder Rd | | CITY, STATE, ZIP: Gillette, WY 82718 | | ACCOUNT #: | EMAIL: |
| ITEM | SAMPLE | CLIENT SAMPLE ID | BOTTLE TYPE | MATRIX | COLLECTION DATE |
| 1 | 2206863-001B | Influent Zone 04 | TEDLAR | Air | 6/21/2022 2:40:00 PM |
| | | | | | # CONTAINERS |
| | | | | | 1 Natural Gas Analysis |
| ANALYTICAL COMMENTS | | | | | |

SPECIAL INSTRUCTIONS/COMMENTS:

Please include the LAB ID and the CLIENT SAMPLE ID on all final reports. Please e-mail results to lab@hallenvironmental.com. Please return all coolers and blue ice. Thank you.

| | | | | | |
|---|------------------------|-----------------------|--|------------------------|----------------------|
| Retrieved By: See | Date: 6/21/2022 | Time: 11:23 AM | Received By: Gillette 6/23/2022 | Date: 6/23/2022 | Time: 1:03 PM |
| Retrieved By: | Date: | Time: | Received By: | Date: | Time: |
| Retrieved By: | Date: | Time: | Received By: | Date: | Time: |
| TAT: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> RUSH | | | Next BD <input type="checkbox"/> 2nd BD <input type="checkbox"/> 3rd BD <input type="checkbox"/> | | |
| REPORT TRANSMITTAL DESIRED: <input type="checkbox"/> HARD COPY (extra cost) <input type="checkbox"/> FAX <input type="checkbox"/> EMAIL <input type="checkbox"/> ONLINE FOR LAB USE ONLY Temp of samples _____ Attempts to Cool? _____ Comments: Good quality | | | | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206B63
01-Jul-22

Client: Harvest

Project: Florance GC J 16A

| | | | | | | | | | | |
|-------------------------------|--------|--------------------------|-----------|--|------|-------------|-----------|------|----------|------|
| Sample ID: 2206B63-001ADUP | | SampType: DUP | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | |
| Client ID: Influent Zone 04 | | Batch ID: G88994 | | RunNo: 88994 | | | | | | |
| Prep Date: | | Analysis Date: 6/23/2022 | | SeqNo: 3160363 | | Units: µg/L | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 4500 | 50 | | | | | | 1.12 | 20 | |
| Surr: BFB | 73000 | | 20000 | | 367 | 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 Quantitative 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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206B63

01-Jul-22

Client: Harvest
Project: Florance GC J 16A

| Sample ID: 2206B63-001adup | | SampType: DUP | | TestCode: EPA Method 8260B: Volatiles | | | | | | |
|------------------------------------|--------|---------------------------------|-----------|--|------|--------------------|-----------|-------|----------|------|
| Client ID: Influent Zone 04 | | Batch ID: R88966 | | RunNo: 88966 | | | | | | |
| Prep Date: | | Analysis Date: 6/23/2022 | | SeqNo: 3160741 | | 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 | |
| 1,1-Dichloroethene | ND | 0.50 | | | | | | 0 | 20 | |
| 1,2-Dichloropropane | ND | 0.50 | | | | | | 0 | 20 | |
| 1,3-Dichloropropane | ND | 0.50 | | | | | | 0 | 20 | |
| 2,2-Dichloropropane | ND | 0.50 | | | | | | 0 | 20 | |

Qualifiers:

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

Page 4 of 5

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2206B63

01-Jul-22

Client: Harvest
Project: Florance GC J 16A

| Sample ID: 2206B63-001adup | | SampType: DUP | | TestCode: EPA Method 8260B: Volatiles | | | | | | |
|-----------------------------|--------|--------------------------|-----------|---------------------------------------|------|-------------|-----------|------|----------|------|
| Client ID: Influent Zone 04 | | Batch ID: R88966 | | RunNo: 88966 | | | | | | |
| Prep Date: | | Analysis Date: 6/23/2022 | | SeqNo: 3160741 | | 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. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Estimated value |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix interference | | |



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Harvest

Work Order Number: 2206B63

RcptNo: 1

Received By: Cheyenne Cason 6/22/2022 7:00:00 AM

Completed By: Sean Livingston 6/22/2022 11:17:30 AM

Reviewed By: KDG 6.22.22

Chad
Sean Livingston

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☐ No ☐ NA ☒
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☐ No ☐ NA ☒
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 preserved? Yes ☒ 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 ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: *JN 6/22/22*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1 | NA | Good | | | | |



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

June 20, 2022

Danny Burns

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX:

RE: Florance GC J16A

OrderNo.: 2206648

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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order: 2206648

Date Reported: 6/20/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Lab Order: 2206648

Project: Florance GC J16A

Lab ID: 2206648-001

Collection Date: 6/10/2022 10:40:00 AM

Client Sample ID: SB04

Matrix: GROUNDWATER

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|------------------------------------|--------|--------|------|-------|----|----------------------|---------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | 2.1 | 1.0 | | µg/L | 1 | 6/14/2022 8:16:44 PM | A88705 |
| Toluene | 4.4 | 1.0 | | µg/L | 1 | 6/14/2022 8:16:44 PM | A88705 |
| Ethylbenzene | 14 | 1.0 | | µg/L | 1 | 6/14/2022 8:16:44 PM | A88705 |
| Xylenes, Total | 49 | 2.0 | | µg/L | 1 | 6/14/2022 8:16:44 PM | A88705 |
| Surr: 4-Bromofluorobenzene | 179 | 70-130 | S | %Rec | 1 | 6/14/2022 8:16:44 PM | A88705 |

Lab ID: 2206648-002

Collection Date: 6/10/2022 10:55:00 AM

Client Sample ID: SB16

Matrix: GROUNDWATER

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|------------------------------------|--------|--------|------|-------|----|----------------------|---------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 1.0 | | µg/L | 1 | 6/14/2022 9:28:02 PM | A88705 |
| Toluene | ND | 1.0 | | µg/L | 1 | 6/14/2022 9:28:02 PM | A88705 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 6/14/2022 9:28:02 PM | A88705 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 6/14/2022 9:28:02 PM | A88705 |
| Surr: 4-Bromofluorobenzene | 87.1 | 70-130 | | %Rec | 1 | 6/14/2022 9:28:02 PM | A88705 |

Lab ID: 2206648-003

Collection Date: 6/9/2022 1:40:00 PM

Client Sample ID: MW-4

Matrix: GROUNDWATER

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|------------------------------------|--------|--------|------|-------|----|----------------------|---------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 1.0 | | µg/L | 1 | 6/14/2022 9:51:41 PM | A88705 |
| Toluene | ND | 1.0 | | µg/L | 1 | 6/14/2022 9:51:41 PM | A88705 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 6/14/2022 9:51:41 PM | A88705 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 6/14/2022 9:51:41 PM | A88705 |
| Surr: 4-Bromofluorobenzene | 90.9 | 70-130 | | %Rec | 1 | 6/14/2022 9:51:41 PM | A88705 |

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

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

Analytical Report

Lab Order: 2206648

Date Reported: 6/20/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Lab Order: 2206648

Project: Florance GC J16A

Lab ID: 2206648-004

Collection Date: 6/9/2022 1:50:00 PM

Client Sample ID: MW-8

Matrix: GROUNDWATER

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|------------------------------------|--------|--------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 1.0 | | µg/L | 1 | 6/14/2022 10:15:22 PM | A88705 |
| Toluene | ND | 1.0 | | µg/L | 1 | 6/14/2022 10:15:22 PM | A88705 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 6/14/2022 10:15:22 PM | A88705 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 6/14/2022 10:15:22 PM | A88705 |
| Surr: 4-Bromofluorobenzene | 89.9 | 70-130 | | %Rec | 1 | 6/14/2022 10:15:22 PM | A88705 |

Lab ID: 2206648-005

Collection Date: 6/9/2022 2:05:00 PM

Client Sample ID: MW-11

Matrix: GROUNDWATER

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|------------------------------------|--------|--------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 1.0 | | µg/L | 1 | 6/14/2022 10:39:01 PM | A88705 |
| Toluene | ND | 1.0 | | µg/L | 1 | 6/14/2022 10:39:01 PM | A88705 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 6/14/2022 10:39:01 PM | A88705 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 6/14/2022 10:39:01 PM | A88705 |
| Surr: 4-Bromofluorobenzene | 90.2 | 70-130 | | %Rec | 1 | 6/14/2022 10:39:01 PM | A88705 |

Lab ID: 2206648-006

Collection Date: 6/10/2022 10:13:00 AM

Client Sample ID: MW-14

Matrix: GROUNDWATER

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|------------------------------------|--------|--------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | 1.9 | 1.0 | | µg/L | 1 | 6/14/2022 11:02:36 PM | A88705 |
| Toluene | ND | 1.0 | | µg/L | 1 | 6/14/2022 11:02:36 PM | A88705 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 6/14/2022 11:02:36 PM | A88705 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 6/14/2022 11:02:36 PM | A88705 |
| Surr: 4-Bromofluorobenzene | 90.4 | 70-130 | | %Rec | 1 | 6/14/2022 11:02:36 PM | A88705 |

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

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

Analytical Report

Lab Order: 2206648

Date Reported: 6/20/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Lab Order: 2206648

Project: Florance GC J16A

Lab ID: 2206648-007

Collection Date: 6/9/2022 12:30:00 PM

Client Sample ID: MW-17

Matrix: GROUNDWATER

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|------------------------------------|--------|--------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: 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

Collection Date: 6/9/2022 2:30:00 PM

Client Sample ID: MW-18

Matrix: GROUNDWATER

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|------------------------------------|--------|--------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: 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

Collection Date: 6/9/2022 1:00:00 PM

Client Sample ID: MW-22

Matrix: GROUNDWATER

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|------------------------------------|--------|--------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: 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 AM | A88705 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 6/15/2022 12:13:05 AM | A88705 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 6/15/2022 12:13:05 AM | A88705 |
| Surr: 4-Bromofluorobenzene | 89.8 | 70-130 | | %Rec | 1 | 6/15/2022 12:13:05 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. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order: 2206648

Date Reported: 6/20/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Lab Order: 2206648

Project: Florance GC J16A

Lab ID: 2206648-010

Collection Date: 6/9/2022 12:05:00 PM

Client Sample ID: MW-24

Matrix: GROUNDWATER

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch ID |
|------------------------------------|--------|--------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 1.0 | | µg/L | 1 | 6/15/2022 12:36:29 AM | A88705 |
| Toluene | ND | 1.0 | | µg/L | 1 | 6/15/2022 12:36:29 AM | A88705 |
| Ethylbenzene | 1.5 | 1.0 | | µg/L | 1 | 6/15/2022 12:36:29 AM | A88705 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 6/15/2022 12:36:29 AM | A88705 |
| Surr: 4-Bromofluorobenzene | 105 | 70-130 | | %Rec | 1 | 6/15/2022 12:36:29 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. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2206648

20-Jun-22

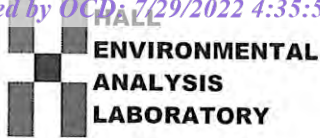
Client: Harvest**Project:** Florance GC J16A

| Sample ID: 100ng btex lcs | SampType: LCS | | | TestCode: EPA Method 8021B: Volatiles | | | | | | |
|----------------------------------|---------------------------------|-----|-----------|--|------|--------------------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: A88705 | | | RunNo: 88705 | | | | | | |
| Prep Date: | Analysis Date: 6/14/2022 | | | SeqNo: 3150265 | | Units: µg/L | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %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 | SampType: MBLK | | | TestCode: EPA Method 8021B: Volatiles | | | | | | |
|----------------------------|---------------------------------|-----|-----------|--|------|--------------------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: A88705 | | | RunNo: 88705 | | | | | | |
| Prep Date: | Analysis Date: 6/14/2022 | | | SeqNo: 3150278 | | Units: µg/L | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 2.0 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 19 | | 20.00 | | 94.9 | 70 | 130 | | | |

Qualifiers:

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



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Harvest

Work Order Number: 2206648

RcptNo: 1

Received By: Desiree Dominguez 6/11/2022 10:00:00 AM

Completed By: Desiree Dominguez 6/11/2022 12:48:05 PM

Reviewed By: KPA 6.13.22

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
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 preserved? Yes ☒ 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 ☐ NA ☐
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: JR 6/13/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1 | 0.8 | Good | Yes | | | |

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: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002 | OGRID: 373888 |
| | Action Number: 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 |