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VIA ELECTRONIC MAIL

April 27, 2022

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

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

To Whom It May Concern:

The following report provides a quarterly summary of remediation system operation and monitoring (O&M) completed during the first quarter of 2022 at the Florance Gas Com J No. 16A (Site; Remediation Permit Number 3RP-364; Incident Number NCS1629854256) located in San Juan County, New Mexico. The activity included in this report is for the period from January 1, 2022, through March 22, 2022. The *2022 First Quarter - Remediation System Operation and Monitoring Report* was prepared by WSP USA, Inc. (WSP), on behalf of Harvest Four Corners, LLC (Harvest). Harvest assumed operation of the assets associated with the location from Williams Four Corners, LLC (Williams) on October 1, 2018, and is continuing site remediation activities.

This report was prepared in accordance with the conditions of approval from the New Mexico Oil Conservation Division (NMOCD) pertaining to the multi-phase extraction (MPE) 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.

SYSTEM DESCRIPTION

The remediation system at the Site includes a MPE system which uses two high vacuum blowers to initiate vacuum in remediation wells connected to the blowers via subsurface conduits. The extracted air, petroleum vapors, and fluid enter a fluid/air separation tank. Air and petroleum vapors are passed through two extraction blowers and emitted out exhaust stacks. Separated fluid, which includes light non-aqueous phase liquids (LNAPL) and 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. An additional zone (Zone 5) of remediation wells that typically contain measurable phase separated hydrocarbons (PSH) is operated for approximately one hour during site visits

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while cycling between the other zones. 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 Williams.

REMEDIATION SYSTEM OPERATION AND MONITORING

Routine bi-weekly system monitoring has been conducted from system startup through the first quarter 2022. The results of these efforts are summarized in tables attached to this report including the following information through the final site visit for the first quarter conducted on March 22, 2022.

VAPOR RECOVERY

The run time for the remediation system listed in Table 1 indicates an average run time for the first quarter 2022 of 96 percent (%), with a cumulative overall run time of 91%. Temporary system operation interruptions occurred due to routine maintenance requirements. Currently, the system is operating with only one of the high vacuum blowers functioning, as the other is in the process of being removed and diagnosed for repairs. However, one operating high vacuum blower can attain sufficient flow and vacuum rates in the subsurface to remediate soil and groundwater at the Site.

Air/vapor samples from the MPE system inlet piping were collected following cycling of different extraction well zones, typically one sample per zone per quarter. Five samples were collected during this reporting period. Samples were collected using a high vacuum sampling pump to fill a 1-liter Tedlar® bag from the system inlet manifold 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. The analytical results from the first quarter of 2022 are summarized in Table 2. Copies of the laboratory analytical reports for the vapor samples are provided as Enclosure A.

The calculated mass removal rate based on field and analytical results is provided in Table 3. Results indicate that, since startup, the system has removed 3,534 pounds (lbs) of regulated volatile organic compounds (VOCs). During the first quarter 2022, the calculated mass removal rate based on VOC data varied from 0.026 lbs per day to 0.155 lbs per day. A total of 8 lbs of regulated VOCs were removed during the first quarter of 2022 through March 22, 2022.

FLUID RECOVERY

Fluid recovery efforts are summarized in Table 4. During the first quarter of 2022, total fluid recovery was measured using a flow metering device. Since startup of the system on May 4, 2018, through March 22, 2022, approximately 312,805 gallons of impacted groundwater and PSH have been recovered. Recovered product and groundwater are emulsified during extraction and a measurable level of product is undetectable by an oil/water interface probe in the fluid recovery tank. As a result, the product volume within the recovery tank is not measurable, and the estimated volume of product recovered has been removed from Table 4.

Table 5 provides a summary of operational data for the MPE system including measurements of applied vacuum and measured flow rates for the individual recovery well lines for the first quarter of 2022. The specific zones and period of operation are indicated in this table.

CONCRETE TRAP/SECONDARY SEEP MONITORING

During the first quarter of 2022, the collection sump associated with the seep areas and collection piping were examined for fluid recovery during scheduled O&M visits. No measurable PSH were observed in the seep collection tank, but a sheen was observed on top of the fluids inside of the seep collection tank. Approximately 200 gallons of water were consistently measured in the seep collection tank, likely a result from precipitation events and stormwater runoff in the concrete trap. Continued monitoring of the seep tank level will occur during bi-weekly site visits to observe fluid recovery levels. If there is an increase in fluid recovery levels, a sample of the liquids inside the sump will be collected and analyzed for BTEX. The sump level will be monitored and the sump will be emptied as needed.

GROUNDWATER MONITORING

Groundwater monitoring activities were conducted at the Site on March 22, 2022. WSP measured groundwater elevations and investigated the presence of PSH in all monitoring wells. No samples were collected as the annual groundwater sampling event is scheduled for the second quarter of 2022, as proposed in the fourth quarter 2019, *Quarterly Remediation System Operation and Monitoring Report.* Groundwater sampling has been adjusted to a semi-annual monitoring schedule, with the next groundwater sampling event scheduled for June 2022.

WATER AND PSH LEVEL MEASUREMENTS

Groundwater level monitoring included recording depth to groundwater and/or PSH in all existing monitoring 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 CONTOUR MAPS

WSP used existing top-of-casing well elevations and measured groundwater elevations to draft groundwater elevation contours and determine groundwater flow direction in March 2022 (Figure 2). Contours were inferred based on groundwater elevations obtained and observations of physical characteristics at the Site (topography, proximity to springs, etc.).

RESULTS

Groundwater elevations measured during the monitoring event in March 2022 indicated a general southeast trending gradient toward the natural seeps and an unnamed, second-order tributary of the San Juan River. However, localized topography and geology, including previously excavated and backfill material, may contribute to variations in groundwater elevations and flow. Figure 2 depicts groundwater elevations, PSH thickness, and estimated groundwater flow direction for the March 2022 monitoring event. During the March 2022 monitoring event, remediation Zone 2 was active during monitoring activities. A summary of measured depths to groundwater and PSH thickness is presented in Table 6. During the first quarter 2022 monitoring event, PSH was measurable in two monitoring wells. Measurable product thickness ranged from 0.09 feet in MW-15 to 1.14 feet in MW-12. No groundwater samples were collected in the first quarter of 2022.

ADDITIONAL PSH RECOVERY

Due to the elevated presence of PSH observed in monitoring well MW-15 in the fourth quarter of 2020 and the first quarter of 2021, a solar powered pneumatic PSH recovery pumping system was installed on April 30, 2021. The pump utilizes a hydrophobic and oleophilic skimmer that floats on the water column to remove PSH from the water PSH interface. The system cycles between vacuum and pressure to move PSH to the surface, where it is containerized. A delay between pumping cycles allows for recharge of fluids in the monitoring well and prevents over-pumping to efficiently use the power generated from the solar panels. System performance, PSH recovery and system maintenance were conducted during routine bi-weekly O&M visits. Since installation of the system on April 30, 2021, and the site visit on March 22, 2022, approximately 35.88 gallons of PSH have been recovered.

PLAN FOR NEXT QUARTER OF OPERATIONS

SYSTEM OPERATION

Operation of the remediation system will continue with the goal of optimizing vapor and liquid recovery. Remediation system operation indicates a decline in VOC concentrations for each zone sampled, as expected with this type of system. Based on these data, the operations will focus of the next quarter will be on Zone 2 and Zone 4. Sampling will continue to comply with the NMOCD Conditions of Approval.

During the second quarter of 2022, the following will be completed:

- Bi-weekly (every other week) to monthly system operation monitoring visits, including cycling operations between the two zones;
- During O&M visits, temporary operation of wells where LNAPL has been observed will occur for approximately one hour, then the zone of operation will be changed;
- Periodic fluid elevation monitoring in selected remediation wells to evaluate the presence or absence of LNAPL;
- LNAPL will be bailed out of MW-19 during site visits and PSH recovery socks will be placed in the well in the interim;
- Continued operation of solar powered pneumatic PSH recovery system on MW-15;
- Based on the continued presence of PSH in MW-15, WSP will investigate and determine the viability of incorporating MW-15 into the MPE remediation system;
- Assess the costs and feasibility of repairing the defective high vacuum blower;
- One influent air extraction sample per operational zone (excluding Zone 5), per quarter will be analyzed for BTEX and TPH;
- At least one influent air extraction sample per quarter will be analyzed for Full 8260 VOCs, carbon dioxide, and oxygen; and
- When influent air extraction samples are not collected, a photoionization detector (PID) will be used to measure MPE air/vapor exhaust concentrations.

GROUNDWATER MONITORING

Groundwater monitoring will include fluid elevation measurements on a quarterly basis and periodic fluid elevation measurements in selected wells will be obtained throughout the quarter.

The results of the fluid elevation measurements will be reviewed, and system operational adjustments made based on these data.

WSP recommends the following reduced groundwater monitoring schedule with semi-annual events scheduled for second and fourth quarters and annual events scheduled during the second quarter:

- 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.

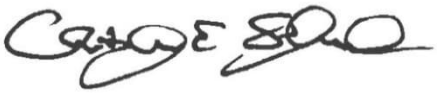
REPORTING

Quarterly system operation reports will continue to be prepared and submitted to NMOCD within 30 days following the end of each quarter and will continue to include:

- A summary of remediation activities during the quarter;
- The system run-time summary;
- The petroleum mass removal and fluid product recovery from the remediation system;
- MPE volume removal and product recovery;
- Amount of liquid captured from the concrete trap/secondary seep tank;
- Quarterly gas sample analysis results; and
- Groundwater monitoring results.

Please contact Danny Burns with WSP at (970)-385-1096 or via email at danny.burns@wsp.com or Oakley Hayes with Harvest at (505)-632-4421 or oakley.hayes@harvestmidstream.com if you have any questions or concerns.

Kind regards,



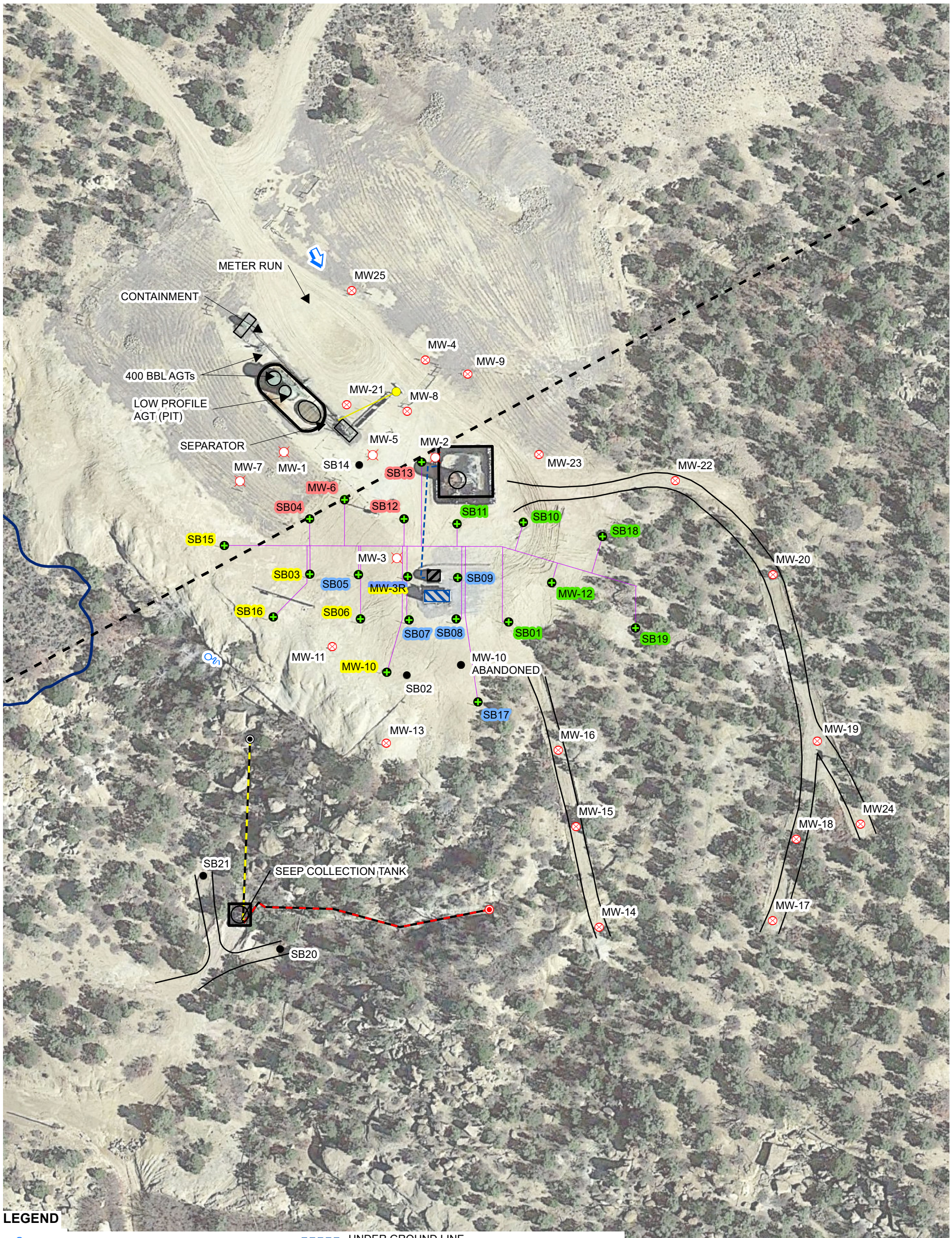
Danny Burns
Consultant, Geologist

Christopher Shephard
Director, Environmental Engineer

cc: Oakley Hayes, Harvest Midstream

Encl.
Figure 1 - Remediation System Layout
Figure 2 – Groundwater Potentiometric Map March 2022
Table 1 – Remediation Systems Operational Run-Time – First Quarter 2022
Table 2 – Extracted Air VOC Data – First Quarter 2022
Table 3 – Mass Removal Vapor Phase – First Quarter 2022Table 4 – Fluid Recovery – First Quarter 2022
Table 5 – MPE Systems Operations – First Quarter 2022
Table 6 – Groundwater Elevation Summary
Table 7 – PSH Recovery Data – MW-15
Enclosure A – Laboratory Analytical Reports

FIGURES



LEGEND

- NATURAL SPRING
- EAST SEEP PIPE INLET
- WEST SEEP PIPE INLET
- MONITORING WELL
- DESTROYED MONITORING WELL
- REMEDIATION/MONITORING WELL
- SOIL BORING
- WELLHEAD
- ESTIMATED GROUNDWATER FLOW DIRECTION
- FLOWLINE
- EAST SEEP PIPE
- WEST SEEP PIPE
- UNDER GROUND LINE
- REMEDIATION SYSTEM PIPING
- REMEDIATION RESPONSIBILITY DEMARCATION LINE
- ACCESS ROAD
- ARCH SITE BOUNDARY
- CONTROL BUILDING
- MPE SYSTEM
- BERM

RED TEXT INDICATES ZONE 01
GREEN TEXT INDICATES ZONE 02
YELLOW TEXT INDICATES ZONE 03
BLUE TEXT INDICATES ZONE 04

IMAGE COURTESY OF GOOGLE EARTH 2019

0 80 160
Feet

N

FIGURE 1
REMEDIATION SYSTEM LAYOUT
FLORANCE GC J#16A
UNIT P SEC 6 T30N R9W
SAN JUAN COUNTY, NEW MEXICO
HARVEST FOUR CORNERS, LLC

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WELL ID
GROUNDWATER ELEVATION SURVEY DATE
ELEV: GROUNDWATER ELEVATION MEASURED IN FEET ABOVE MEAN SEA LEVEL
PSH: PHASE-SEPARATED HYDROCARBON THICKNESS MEASURED IN FEET
DRY: DRY WELL
NM: NOT MEASURED
NP: NO PRODUCT
* INDICATES MONITORING WELL INSTALLED BY BP/BLAGG ENGINEERING, NOT SURVEYED

MW-25 3/22/2022 ELEV: 6,471.96 PSH: NP
MW-4* 3/22/2022 ELEV: NM PSH: NP
MW-21 3/22/2022 ELEV: 6,470.63 PSH: NP
MW-9* 3/22/2022 ELEV: NM PSH: NP
METER RUN
MW-8* 3/22/2022 ELEV: NM PSH: NP
SB13 3/22/2022 ELEV: 6,469.93 PSH: NP
MW-23 3/22/2022 ELEV: 6,468.85 PSH: NP
400 BBL AGTs
CONTAINMENT
SB11 3/22/2022 ELEV: 6,473.45 PSH: NP
45 BBL BGT
LOW PROFILE AGT (PIT)
MW-22 3/22/2022 ELEV: 6,466.38 PSH: NP
SB18 3/22/2022 ELEV: 6,471.82 PSH: NP
SEPARATOR
MW-1
MW-6* 3/22/2022 ELEV: NM PSH: NP
MW-7
MW-5
MW-2
SB04 3/22/2022 ELEV: 6,471.82 PSH: NP
SB10 3/22/2022 ELEV: DRY PSH: NP
MW-20 3/22/2022 ELEV: 6,463.85 PSH: NP
SB15 3/22/2022 ELEV: 6,472.59 PSH: NP
6,474
MW-3
SB09 3/22/2022 ELEV: 6,471.56 PSH: NP
MW-12 3/22/2022 ELEV: 6,469.62 PSH: 1.14
SB12 3/22/2022 ELEV: DRY PSH: NP
6,470
6,472
SB19 3/22/2022 ELEV: 6,468.30 PSH: NP
6,468
SB08 3/22/2022 ELEV: 6,471.63 PSH: NP
SB01 3/22/2022 ELEV: 6,470.43 PSH: NP
SB16 3/22/2022 ELEV: 6,469.77 PSH: NP
SB03 3/22/2022 ELEV: 6,471.74 PSH: NP
MW-19 3/22/2022 ELEV: 6,460.81 PSH: NP
6,466
6,464
SB17 3/22/2022 ELEV: DRY PSH: NP
SB05 3/22/2022 ELEV: 6,474.05 PSH: NP
MW-16 3/22/2022 ELEV: 6,464.84 PSH: NP
6,462
MW-24 3/22/2022 ELEV: 6,460.90 PSH: NP
MW-10* 3/22/2022 ELEV: NM PSH: NP
MW-11 3/22/2022 ELEV: 6,466.87 PSH: NP
MW-15 3/22/2022 ELEV: 6,462.13 PSH: 0.09
MW-18 3/22/2022 ELEV: 6,460.85 PSH: NP
MW-3R 3/22/2022 ELEV: 6,472.62 PSH: NP
MW-13 3/22/2022 ELEV: 6,465.36 PSH: NP
SB06 3/22/2022 ELEV: 6,471.02 PSH: NP
SB07 3/22/2022 ELEV: 6,470.65 PSH: 0.04
MW-14 3/22/2022 ELEV: 6,461.24 PSH: NP
MW-17 3/22/2022 ELEV: 6,461.01 PSH: NP

LEGEND

- MONITORING WELL
- DESTROYED MONITORING WELL
- REMEDIATION/MONITORING WELL
- WELLHEAD
- ESTIMATED GROUNDWATER FLOW DIRECTION
- NATURAL SPRING
- EAST SEEP PIPE INLET
- WEST SEEP PIPE INLET
- ACCESS ROAD
- EAST SEEP PIPE
- WEST SEEP PIPE
- WILLIAMS BP BOUNDARY
- RELATIVE GROUNDWATER ELEVATION CONTOUR
- CONTOUR INTERVAL = 2.0 FEET
- ARCH SITE BOUNDARY
- CONTROL BUILDING
- MPE SYSTEM

INFERRED PRODUCT THICKNESS (FEET)
0.04 - 1.14

IMAGE COURTESY OF GOOGLE EARTH 2019

0 80 160
Feet

N

FIGURE 2
GROUNDWATER POTENTIOMETRIC MAP
(MARCH 2022)
FLORANCE GC J#16A
UNIT P SEC 6 T30N R9W
SAN JUAN COUNTY, NEW MEXICO
HARVEST FOUR CORNERS, LLC

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TABLES

TABLE 1

REMEDIATION SYSTEMS OPERATIONAL RUN-TIME - FIRST QUARTER 2022
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

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				
12/31/2021 23:58	29,246	91%	100%	End of Q4 2021
1/1/2022 0:00	29,246	91%	100%	Start of Q1 2022
1/13/2022 12:00	29,547	91%	100%	Fuse tripped for exhaust fan in process room.
2/3/2022 12:00	29,956	91%	88%	Replaced KO tank mist element filter.
2/17/2022 11:45	30,291	91%	92%	Replaced desiccant in MW-15 PSH recovery system.
3/4/2022 11:15	30,651	91%	94%	
3/22/2022 11:30	31,082	91%	95%	Quarterly groundwater gauging.
3/31/2022 11:58	31,308	91%	96%	End of Q1 2022
		Average Q1 2022 Run Time	96%	

Notes:
% - percent
Dashed line indicates quarter change

TABLE 2

EXTRACTED AIR VOC DATA - FIRST QUARTER 2022
FLORANCE GC J16A
SAN JUAN COUNTY, NEW MEXICO

Collection Date:	**1/13/2022**	**2/3/2022**	**2/17/2022**	**3/4/2022**	**3/22/2022**
Collection Time:	13:45	14:50	16:15	13:30	14:20
Active Remediation Zone:	1	2	3	4	2
Benzene (µg/L)	<0.20	2.0	0.15	<0.20	2.4
Toluene (µg/L)	1	2.3	0.27	0.42	3.4
Ethylbenzene (µg/L)	<0.20	<0.50	<0.10	<0.20	<0.50
Xylenes, Total (µg/L)	4.5	2.1	0.7	1.6	9.4
GRO (µg/L)	940	2,000	190	680	2,700
Total VOCs (µg/L):	5.5	6.4	1.07	2.02	15.2
PID Reading (ppm)	117	NM	28	182	279

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 - FIRST QUARTER 2022
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

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)
12/10/21 13:40	4.2	4	228	384:10:00	23,050	0.3	0.0	0.017	0.003
1/13/22 13:45	5.5	1	162	816:05:00	48,965	2.9	0.5	0.086	0.016
2/3/22 14:50	6.4	2	270	505:05:00	30,305	1.7	0.3	0.080	0.015
2/17/22 16:15	1.1	3	271	337:25:00	20,245	2.2	0.3	0.155	0.028
3/4/22 13:30	2.0	4	266	357:15:00	21,435	0.4	0.1	0.026	0.005
3/22/22 14:20	15.2	2	284	432:50:00	25,970	0.9	0.1	0.048	0.009
Total Quantity of Hydrocarbon VOC Removed 1st Quarter 2022				8	lbs	1.3	gal	0.03	bbl
Total Quantity of Hydrocarbon VOC Removed Since Start-up May 2018				3,534	lbs	651.2	gal	15.5	bbl

Notes:

bbl - barrel
gal - gallons
g/cm^3 - grams per cubic centimeter
hr - hour
lbs - pounds
lbs/day - pounds per day
mg/m^3 - milligrams per cubic meter
min - minute
scfm - standard cubic foot per minute
sec - second
ton/yr - ton per year
VOCs - volatile organic compounds
yr - year
Dashed line indicates a quarter change

TABLE 4

FLUID RECOVERY - FIRST QUARTER 2022
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Date/Time	Hour Meter Reading	Flow Meter Reading (gal)	Gallons Recovered this Period	Cumulative Volume Recovered (gal)	Gallons Removed From Tank (Off-Site)	Time Period (hr:min:sec)	Time Period (min)	Recovery Rate		Notes
								(gpm)	(gal/day)	
12/10/21 12:15	29,246	274,475	889	301,775		385:45:00	23,145	0.04	55	Zone 4 active.
1/13/22 12:00	29,547	275,224	749	302,524		815:45:00	48,945	0.02	22	Zone 1 active.
2/3/22 12:00	29,956	280,528	5,304	307,828	6,720	504:00:00	30,240	0.18	253	Zone 2 active.
2/17/22 11:45	30,291	281,907	1,379	309,207		335:45:00	20,145	0.07	99	Zone 3 active.
3/4/22 11:15	30,651	284,838	2,931	312,138		359:30:00	21,570	0.14	196	Zone 4 active.
3/22/22 11:30	31,082	285,505	667	312,805		432:15:00	25,935	0.03	37	Zone 2 active

Notes:

bbl - barrel
ft - feet
gal - gallon
gal/day - gallon per day
gpm - gallon per minute
hr - hour
in - inch
LNAPL - light non-aqueous phase liquid
min - minute
sec - second
Dashed line indicated quarter change

Total Quantity of Groundwater Removed	312,805	Gal
	7,448	bbl

TABLE 5

MPE SYSTEM OPERATIONS - FIRST QUARTER 2022
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well ID		Date	1/13/2022	2/3/2022	2/17/2022	3/4/2022	3/22/2022
Active Zone			1	2	3	4	2
MW-06	WH Vac (Online)	inHg	5.0				
Zone 1	WH Vac (Offline)	inH2O					
	Mani Vac	inHg	15.0				
	PID	ppm	5				
	Flow	scfm	20				
SB-04	WH Vac (Online)	inHg	11.0				
Zone 1	WH Vac (Offline)	inH2O					
	Mani Vac	inHg	11.5				
	PID	ppm	9				
	Flow	scfm	46				
SB-12	WH Vac (Online)	inHg	7.0				
Zone 1	WH Vac (Offline)	inH2O					
	Mani Vac	inHg	10.0				
	PID	ppm	12				
	Flow	scfm	60				
SB-13	WH Vac (Online)	inHg	14.0				
Zone 1	WH Vac (Offline)	inH2O					
	Mani Vac	inHg	11.0				
	PID	ppm	15				
	Flow	scfm	36				

TABLE 5

MPE SYSTEM OPERATIONS - FIRST QUARTER 2022
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well ID		Date	1/13/2022	2/3/2022	2/17/2022	3/4/2022	3/22/2022
Active Zone			1	2	3	4	2
MW-12	WH Vac (Online)	inHg		10.0			10.0
Zone 2	WH Vac (Offline)	inH2O					
	Mani Vac	inHg		10.0			11.0
	PID	ppm		NM			197
	Flow	scfm		38			38
SB-01	WH Vac (Online)	inHg		10.0			15.0
Zone 2	WH Vac (Offline)	inH2O					
	Mani Vac	inHg		10.5			12.0
	PID	ppm		NM			398
	Flow	scfm		48			48
SB-10	WH Vac (Online)	inHg		8.0			7.5
Zone 2	WH Vac (Offline)	inH2O					
	Mani Vac	inHg		10.0			11.5
	PID	ppm		NM			16
	Flow	scfm		52			36
SB-11	WH Vac (Online)	inHg		10.0			8.5
Zone 2	WH Vac (Offline)	inH2O					
	Mani Vac	inHg		10.5			12.0
	PID	ppm		NM			56
	Flow	scfm		40			54
SB-18	WH Vac (Online)	inHg		9.5			10.0
Zone 2	WH Vac (Offline)	inH2O					
	Mani Vac	inHg		12.0			11.5
	PID	ppm		NM			128
	Flow	scfm		36			48
SB-19	WH Vac (Online)	inHg		10.0			14.0
Zone 2	WH Vac (Offline)	inH2O					
	Mani Vac	inHg		10.0			11.0
	PID	ppm		NM			387
	Flow	scfm		56			60

TABLE 5

MPE SYSTEM OPERATIONS - FIRST QUARTER 2022
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well ID		Date	1/13/2022	2/3/2022	2/17/2022	3/4/2022	3/22/2022
Active Zone			1	2	3	4	2
MW-3R	WH Vac (Online)	inHg			12.5		
Zone 3	WH Vac (Offline)	inH2O					
	Mani Vac	inHg			11.0		
	PID	ppm			25		
	Flow	scfm			68		
MW-10	WH Vac (Online)	inHg					
Zone 3	WH Vac (Offline)	inH2O			OFFLINE		
	Mani Vac	inHg					
	PID	ppm					
	Flow	scfm			0		
SB-03	WH Vac (Online)	inHg			9.0		
Zone 3	WH Vac (Offline)	inH2O					
	Mani Vac	inHg			11.0		
	PID	ppm			5		
	Flow	scfm			28		
SB-06	WH Vac (Online)	inHg			10.0		
Zone 3	WH Vac (Offline)	inH2O					
	Mani Vac	inHg			11.0		
	PID	ppm			1		
	Flow	scfm			50		
SB-15	WH Vac (Online)	inHg			9.0		
Zone 3	WH Vac (Offline)	inH2O					
	Mani Vac	inHg			11.0		
	PID	ppm			1		
	Flow	scfm			55		
SB-16	WH Vac (Online)	inHg			11.0		
Zone 3	WH Vac (Offline)	inH2O					
	Mani Vac	inHg			12.0		
	PID	ppm			1		
	Flow	scfm			70		

TABLE 5

MPE SYSTEM OPERATIONS - FIRST QUARTER 2022
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well ID		Date	1/13/2022	2/3/2022	2/17/2022	3/4/2022	3/22/2022
Active Zone			1	2	3	4	2
MW-3R	WH Vac (Online)	inHg				8.0	
Zone 4	WH Vac (Offline)	inH2O					
	Mani Vac	inHg				8.0	
	PID	ppm				84	
	Flow	scfm				36	
SB-05	WH Vac (Online)	inHg				7.5	
Zone 4	WH Vac (Offline)	inH2O					
	Mani Vac	inHg				8.0	
	PID	ppm				26	
	Flow	scfm				44	
SB-07	WH Vac (Online)	inHg				7.5	
Zone 4	WH Vac (Offline)	inH2O					
	Mani Vac	inHg				8.0	
	PID	ppm				83	
	Flow	scfm				42	
SB-08	WH Vac (Online)	inHg				11.5	
Zone 4	WH Vac (Offline)	inH2O					
	Mani Vac	inHg				13.5	
	PID	ppm				188	
	Flow	scfm				52	
SB-09	WH Vac (Online)	inHg				7.0	
Zone 4	WH Vac (Offline)	inH2O					
	Mani Vac	inHg				8.0	
	PID	ppm				207	
	Flow	scfm				50	
SB-17	WH Vac (Online)	inHg				7.0	
Zone 4	WH Vac (Offline)	inH2O					
	Mani Vac	inHg				7.5	
	PID	ppm				21	
	Flow	scfm				42	

TABLE 5

MPE SYSTEM OPERATIONS - FIRST QUARTER 2022
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well ID		Date	1/13/2022	2/3/2022	2/17/2022	3/4/2022	3/22/2022
Active Zone			1	2	3	4	2
Well Field	Total Flow in Active Zone	scfm	162	270	271	266	284

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 ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
SB01	5/20/2017	6,501.96	34.58	NP	NP	6,467.38
	6/14/2017		34.53	NP	NP	6,467.43
	6/22/2018		31.12	31.09	0.03	6,470.87
	9/17/2018		31.58	31.34	0.24	6,470.58
	12/20/2018		31.61	31.54	0.07	6,470.41
	4/8/2019		22.76	22.31	0.45	6,479.56
	6/13/2019		31.32	30.95	0.37	6,470.94
	9/19/2019		30.85	30.73	0.12	6,471.21
	12/5/2019		31.32	31.11	0.21	6,470.81
	3/5/2020		31.42	31.09	0.33	6,470.81
	6/4/2020		31.48	31.3	0.18	6,470.63
	9/17/2020		30.59	NP	NP	6,471.37
	12/17/2020		DRY	NP	NP	DRY
	3/25/2021		31.58	31.49	0.09	6,470.46
	6/2/2021		31.53	31.46	0.07	6,470.49
	9/29/2021		DRY	NP	NP	DRY
	12/9/2021		31.31	NP	NP	6,470.65
	3/22/2022		31.53	NP	NP	6,470.43
SB03	5/20/2017	6,495.01	24.90	NP	NP	6,470.11
	6/15/2017		24.86	NP	NP	6,470.15
	6/21/2018		23.21	22.88	0.33	6,472.06
	9/17/2018		23.34	23.19	0.15	6,471.79
	12/20/2018		23.28	NP	NP	6,471.73
	4/8/2019		23.28	23.17	0.11	6,471.81
	6/13/2019		22.42	NP	NP	6,472.59
	9/19/2019		22.49	NP	NP	6,472.52
	12/5/2019		22.15	NP	NP	6,472.86
	3/5/2020		22.82	NP	NP	6,472.19
	6/4/2020		22.81	NP	NP	6,472.20
	9/17/2020		23.27	NP	NP	6,471.74
	12/17/2020		DRY	NP	NP	DRY
	3/25/2021		23.21	NP	NP	6,471.80
	6/2/2021		23.11	NP	NP	6,471.90
	9/29/2021		23.26	NP	NP	6,471.75

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
SB03	12/9/2021	6,495.01	20.24	NP	NP	6,474.77
	3/22/2022		23.27	NP	NP	6,471.74
SB04	5/20/2017	6,499.61	29.82	29.17	0.65	6,470.31
	6/15/2017		29.44	29.20	0.24	6,470.36
	6/21/2018		27.62	27.58	0.04	6,472.02
	9/17/2018		27.83	NP	NP	6,471.78
	12/20/2018		27.75	NP	NP	6,471.86
	4/8/2019		27.81	NP	NP	6,471.80
	6/13/2019		26.98	NP	NP	6,472.63
	9/19/2019		26.75	NP	NP	6,472.86
	12/5/2019		26.62	NP	NP	6,472.99
	3/5/2020		27.31	NP	NP	6,472.30
	6/4/2020		27.23	NP	NP	6,472.38
	9/17/2020		27.61	NP	NP	6,472.00
	12/17/2020		DRY	NP	NP	DRY
	3/25/2021		27.71	NP	NP	6,471.90
	6/2/2021		28.39	NP	NP	6,471.22
	9/29/2021		28.02	NP	NP	6,471.59
	12/9/2021		28.04	NP	NP	6,471.57
	3/22/2022		27.79	NP	NP	6,471.82
SB05	5/20/2017	6,498.76	28.27	NP	NP	6,470.49
	6/15/2017		28.24	NP	NP	6,470.52
	6/21/2018		25.47	NP	NP	6,473.29
	9/17/2018		25.65	NP	NP	6,473.11
	12/20/2018		25.05	NP	NP	6,473.71
	4/8/2019		25.52	25.46	0.06	6,473.29
	6/13/2019		24.10	NP	NP	6,474.66
	9/19/2019		24.38	NP	NP	6,474.38
	12/5/2019		24.53	NP	NP	6,474.23
	3/5/2020		25.64	NP	NP	6,473.12
	6/4/2020		24.68	NP	NP	6,474.08
	9/17/2020		25.44	NP	NP	6,473.32
	12/17/2020		35.46	NP	NP	6,463.30
	3/25/2021		25.46	NP	NP	6,473.30

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
SB05	6/2/2021	6,498.76	25.46	NP	NP	6,473.30
	9/29/2021		24.93	NP	NP	6,473.83
	12/9/2021		25.48	NP	NP	6,473.28
	3/22/2022		24.71	NP	NP	6,474.05
SB06	5/20/2017	6,496.12	27.43	NP	NP	6,468.69
	6/16/2017		27.52	NP	NP	6,468.60
	6/22/2018		24.64	NP	NP	6,471.48
	9/17/2018		25.29	25.13	0.16	6,470.95
	12/20/2018		25.16	NP	NP	6,470.96
	4/8/2019		24.81	NP	NP	6,471.31
	6/13/2019		23.81	NP	NP	6,472.31
	9/19/2019		23.98	NP	NP	6,472.14
	12/5/2019		24.26	NP	NP	6,471.86
	3/5/2020		25.08	NP	NP	6,471.04
	6/4/2020		24.36	NP	NP	6,471.76
	9/17/2020		24.97	NP	NP	6,471.15
	12/17/2020		25.14	NP	NP	6,470.98
	3/25/2021		25.20	NP	NP	6,470.92
	6/2/2021		25.79	NP	NP	6,470.33
	9/29/2021		25.07	NP	NP	6,471.05
	12/9/2021		25.11	NP	NP	6,471.01
	3/22/2022		25.10	NP	NP	6,471.02
SB07	5/20/2017	6,500.29	32.15	NP	NP	6,468.14
	6/16/2017		32.20	NP	NP	6,468.09
	6/22/2018		29.44	NP	NP	6,470.85
	9/17/2018		30.73	NP	NP	6,469.56
	12/20/2018		29.62	29.60	0.02	6,470.69
	4/8/2019		32.46	32.24	0.22	6,468.01
	6/13/2019		29.27	NP	NP	6,471.02
	9/19/2019		29.01	NP	NP	6,471.28
	12/5/2019		29.27	NP	NP	6,471.02
	3/5/2020		29.38	NP	NP	6,470.91
	6/4/2020		29.68	NP	NP	6,470.61
	9/17/2020		29.31	NP	NP	6,470.98

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
SB07	12/17/2020	6,500.29	29.72	NP	NP	6,470.57
	3/25/2021		29.96	29.92	0.04	6,470.36
	6/2/2021		29.77	NP	NP	6,470.52
	9/29/2021		29.73	NP	NP	6,470.56
	12/9/2021		29.46	NP	NP	6,470.83
	3/22/2022		29.64	NP	NP	6,470.65
SB08	5/20/2017	6,502.25	34.41	NP	NP	6,467.84
	6/16/2017		34.38	NP	NP	6,467.87
	6/22/2018		30.78	NP	NP	6,471.47
	9/17/2018		31.20	NP	NP	6,471.05
	12/20/2018		29.98	NP	NP	6,472.27
	4/8/2019		31.26	31.17	0.09	6,471.06
	6/13/2019		30.53	30.49	0.04	6,471.75
	9/19/2019		30.51	30.04	0.47	6,472.12
	12/5/2019		30.73	30.04	0.69	6,472.07
	3/5/2020		30.79	NP	NP	6,471.46
	6/4/2020		30.30	NP	NP	6,471.95
	9/17/2020		30.62	NP	NP	6,471.63
	12/17/2020		30.61	30.59	0.02	6,471.66
	3/25/2020		30.03	NP	NP	6,472.22
	6/2/2021		30.78	NP	NP	6,471.47
	9/29/2021		30.68	NP	NP	6,471.57
	12/9/2021		30.94	NP	NP	6,471.31
	3/22/2022		30.62	NP	NP	6,471.63
SB09	5/20/2017	6,504.18	36.31	NP	NP	6,467.87
	6/16/2017		36.29	NP	NP	6,467.89
	6/22/2018		33.00	32.83	0.17	6,471.31
	9/17/2018		33.15	33.14	0.01	6,471.04
	12/20/2018		33.09	33.08	0.01	6,471.10
	4/8/2019		32.46	32.24	0.22	6,471.89
	6/13/2019		32.79	32.71	0.08	6,471.45
	9/19/2019		32.66	32.54	0.12	6,471.61
	12/5/2019		32.91	32.83	0.08	6,471.33
	3/5/2020		32.90	32.88	0.02	6,471.29

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
SB09	6/4/2020	6,504.18	32.57	NP	NP	6,471.61
	9/17/2020		32.66	NP	NP	6,471.52
	12/17/2020		33.03	33.01	0.02	6,471.16
	3/25/2021		33.06	NP	NP	6,471.12
	6/2/2021		33.11	NP	NP	6,471.07
	9/29/2021		32.73	NP	NP	6,471.45
	12/9/2021		33.13	NP	NP	6,471.05
	3/22/2022		32.62	NP	NP	6,471.56
SB10	5/20/2017	6,506.04	39.27	NP	NP	6,466.77
	6/16/2017		39.11	NP	NP	6,466.93
	6/21/2018		DRY	NP	NP	DRY
	9/17/2018		DRY	NP	NP	DRY
	12/20/2018		DRY	NP	NP	DRY
	4/8/2019		DRY	NP	NP	DRY
	6/13/2019		DRY	NP	NP	DRY
	9/19/2019		DRY	NP	NP	DRY
	12/5/2019		DRY	NP	NP	DRY
	3/5/2020		DRY	NP	NP	DRY
	6/4/2020		DRY	NP	NP	DRY
	9/17/2020		DRY	NP	NP	DRY
	12/17/20220		DRY	NP	NP	DRY
	3/25/2021		DRY	NP	NP	DRY
	6/2/2021		DRY	NP	NP	DRY
	9/29/2021		DRY	NP	NP	DRY
	12/9/2021		DRY	NP	NP	DRY
	3/22/2022		DRY	NP	NP	DRY
SB11	5/20/2017	6,505.61	36.15	NP	NP	6,469.46
	6/16/2017		36.09	NP	NP	6,469.52
	6/22/2018		32.17	NP	NP	6,473.44
	9/17/2018		32.49	NP	NP	6,473.12
	12/20/2018		32.48	NP	NP	6,473.13
	4/8/2019		32.48	NP	NP	6,473.13
	6/13/2019		32.11	NP	NP	6,473.50
	9/19/2019		31.73	NP	NP	6,473.88

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
SB11	12/5/2019	6,505.61	31.82	NP	NP	6,473.79
	3/5/2020		32.75	NP	NP	6,472.86
	6/4/2020		31.36	NP	NP	6,474.25
	9/17/2020		31.42	NP	NP	6,474.19
	12/17/2020		DRY	NP	NP	DRY
	3/25/2021		31.45	NP	NP	6,474.16
	6/2/2021		32.41	NP	NP	6,473.20
	9/29/2021		31.95	NP	NP	6,473.66
	12/9/2021		32.64	NP	NP	6,472.97
	3/22/2022		32.16	NP	NP	6,473.45
SB12	5/20/2017	6,508.42	38.84	38.62	0.22	6,469.76
	6/16/2017		39.44	38.42	1.02	6,469.80
	6/21/2018		35.19	34.96	0.23	6,473.41
	9/17/2018		35.55	35.50	0.05	6,472.91
	12/20/2018		35.45	35.32	0.13	6,473.07
	4/8/2019		DRY	NP	NP	DRY
	6/13/2019		34.91	NP	NP	6,473.51
	9/19/2019		DRY	NP	NP	DRY
	12/5/2019		34.86	NP	NP	6,473.56
	3/5/2020		35.02	NP	NP	6,473.40
	6/4/2020		34.92	NP	NP	6,473.50
	4/8/2019		34.92	NP	NP	6,473.50
	9/17/2020		35.44	NP	NP	6,472.98
	12/17/2020		34.98	NP	NP	6,473.44
	3/25/2021		DRY	NP	NP	DRY
	6/2/2021		DRY	NP	NP	DRY
	9/29/2021		DRY	NP	NP	DRY
	12/9/2021		DRY	NP	NP	DRY
	3/22/2022		DRY	NP	NP	DRY
SB13	5/20/2017	6,504.89	35.26	NP	NP	6,469.63
	6/16/2017		35.21	NP	NP	6,469.68
	6/22/2018		34.57	NP	NP	6,470.32
	9/17/2018		34.89	NP	NP	6,470.00
	12/20/2018		34.89	NP	NP	6,470.00

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
SB13	4/8/2019	6,504.89	34.72	NP	NP	6,470.17
	6/13/2019		34.48	NP	NP	6,470.41
	9/19/2019		34.15	NP	NP	6,470.74
	12/5/2019		34.11	NP	NP	6,470.78
	3/5/2020		34.40	NP	NP	6,470.49
	6/4/2020		34.70	NP	NP	6,470.19
	9/17/2020		36.60	NP	NP	6,468.29
	12/17/2020		34.85	NP	NP	6,470.04
	3/25/2021		35.37	NP	NP	6,469.52
	6/2/2021		35.31	NP	NP	6,469.58
	9/29/2021		35.56	NP	NP	6,469.33
	12/9/2021		35.05	NP	NP	6,469.84
	3/22/2022		34.96	NP	NP	6,469.93
SB15	5/20/2017	6,494.31	24.11	NP	NP	6,470.20
	6/13/2017		24.08	NP	NP	6,470.23
	6/21/2018		21.27	NP	NP	6,473.04
	9/17/2018		DRY	NP	NP	DRY
	12/20/2018		21.75	NP	NP	6,472.56
	4/8/2019		21.52	NP	NP	6,472.79
	6/13/2019		20.57	NP	NP	6,473.74
	9/19/2019		20.78	NP	NP	6,473.53
	12/5/2019		20.67	NP	NP	6,473.64
	3/5/2020		21.26	NP	NP	6,473.05
	6/4/2020		21.28	NP	NP	6,473.03
	9/17/2020		21.73	NP	NP	6,472.58
	12/17/2020		DRY	NP	NP	DRY
	3/25/2021		21.62	NP	NP	6,472.69
	6/2/2021		DRY	NP	NP	DRY
	9/29/2021		21.70	NP	NP	6,472.61
	12/9/2021		20.02	NP	NP	6,474.29
	3/22/2022		21.72	NP	NP	6,472.59
SB16	5/20/2017	6,492.07	22.54	NP	NP	6,469.53
	6/13/2017		22.61	NP	NP	6,469.46
	6/22/2018		19.59	NP	NP	6,472.48

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
SB16	9/17/2018	6,492.07	21.19	NP	NP	6,470.88
	12/20/2018		20.69	NP	NP	6,471.38
	4/8/2019		20.34	NP	NP	6,471.73
	6/13/2019		18.86	NP	NP	6,473.21
	9/19/2019		19.38	NP	NP	6,472.69
	12/5/2019		19.24	NP	NP	6,472.83
	3/5/2020		19.97	NP	NP	6,472.10
	6/4/2020		19.95	NP	NP	6,472.12
	9/17/2020		20.15	NP	NP	6,471.92
	12/17/2020		DRY	NP	NP	DRY
	3/25/2021		20.86	NP	NP	6,471.21
	6/2/2021		DRY	NP	NP	DRY
	9/29/2021		20.22	NP	NP	6,471.85
	12/9/2021		20.16	NP	NP	6,471.91
	3/22/2022		22.30	NP	NP	6,469.77
SB17	5/20/2017	6,492.57	24.91	NP	NP	6,467.66
	6/13/2017		24.90	NP	NP	6,467.67
	6/21/2018		DRY	NP	NP	DRY
	9/17/2018		DRY	NP	NP	DRY
	12/20/2018		DRY	NP	NP	DRY
	4/8/2019		DRY	NP	NP	DRY
	6/13/2019		DRY	NP	NP	DRY
	9/19/2019		DRY	NP	NP	DRY
	12/5/2019		DRY	NP	NP	DRY
	3/5/2020		DRY	NP	NP	DRY
	6/4/2020		DRY	NP	NP	DRY
	9/17/2020		DRY	NP	NP	DRY
	12/17/2020		DRY	NP	NP	DRY
	3/25/2021		21.87	NP	NP	6,470.70
	6/2/2021		DRY	NP	NP	DRY
	9/29/2021		21.83	NP	NP	6,470.74
	12/9/2021		DRY	NP	NP	DRY
	3/22/2022		DRY	NP	NP	DRY
SB18	5/20/2017	6,506.38	40.92	40.89	0.03	6,465.48

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
SB18	6/15/2017	6,506.38	41.24	40.65	0.59	6,465.61
	6/22/2018		35.25	35.16	0.09	6,471.20
	9/17/2018		36.58	36.56	0.02	6,469.81
	12/20/2018		36.91	36.50	0.41	6,469.80
	4/8/2019		37.01	36.74	0.27	6,469.58
	6/13/2019		37.00	36.52	0.48	6,469.76
	9/19/2019		36.52	36.50	0.02	6,469.87
	12/5/2019		36.33	36.28	0.05	6,470.09
	3/5/2020		36.35	36.31	0.04	6,470.06
	6/4/2020		36.43	NP	NP	6,469.95
	9/17/2020		36.75	NP	NP	6,469.63
	12/17/2020		36.56	36.52	0.04	6,469.85
	3/25/2021		35.89	NP	NP	6,470.49
	6/2/2021		37.04	36.95	0.09	6,469.41
	9/29/2021		35.57	NP	NP	6,470.81
	12/9/2021		35.22	NP	NP	6,471.16
	3/22/2022		34.56	NP	NP	6,471.82
SB19	5/20/2017	6,503.99	39.54	NP	NP	6,464.45
	6/14/2017		39.44	NP	NP	6,464.55
	6/22/2018		34.88	NP	NP	6,469.11
	9/17/2018		36.10	NP	NP	6,467.89
	12/20/2018		35.29	NP	NP	6,468.70
	4/8/2019		35.04	NP	NP	6,468.95
	6/13/2019		35.23	NP	NP	6,468.76
	9/19/2019		36.53	NP	NP	6,467.46
	12/5/2019		34.94	NP	NP	6,469.05
	3/5/2020		35.26	NP	NP	6,468.73
	6/4/2020		35.29	NP	NP	6,468.70
	9/17/2020		36.43	NP	NP	6,467.56
	12/17/2020		35.41	NP	NP	6,468.58
	3/25/2021		36.98	NP	NP	6,467.01
	6/2/2021		35.40	NP	NP	6,468.59
	9/29/2021		35.42	NP	NP	6,468.57
	12/9/2021		35.38	NP	NP	6,468.61

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
SB19	3/22/2022	6,503.99	35.69	NP	NP	6,468.30
MW-3R	5/20/2017	6,502.86	33.86	NP	NP	6,469.00
	6/16/2017		33.88	NP	NP	6,468.98
	6/21/2018		30.76	30.53	0.23	6,472.29
	9/17/2018		31.21	30.92	0.29	6,471.89
	12/20/2018		31.18	30.98	0.20	6,471.84
	4/8/2019		30.97	30.88	0.09	6,471.97
	6/13/2019		32.32	32.27	0.05	6,470.58
	9/19/2019		31.07	30.31	0.76	6,472.40
	12/5/2019		30.45	NP	NP	6,472.41
	3/5/2020		30.66	NP	NP	6,472.20
	6/4/2020		29.55	NP	NP	6,473.31
	9/17/2020		29.48	NP	NP	6,473.38
	12/17/2020		31.06	31.03	0.03	6,471.83
	3/25/2021		31.07	NP	NP	6,471.79
	6/2/2021		30.38	NP	NP	6,472.48
	9/29/2021		30.38	NP	NP	6,472.48
	12/9/2021		28.87	28.85	0.02	6,474.01
	3/22/2022		30.24	NP	NP	6,472.62
MW-4*	6/15/2017	--	32.67	NP	NP	--
	6/13/2019		32.76	NP	NP	--
	12/5/2019		33.21	NP	NP	--
	3/5/2020		33.07	NP	NP	--
	6/4/2020		33.34	NP	NP	--
	9/17/2020		33.25	NP	NP	--
	12/17/2020		33.49	NP	NP	--
	3/25/2021		33.85	NP	NP	--
	6/2/2021		33.96	NP	NP	--
	9/29/2021		34.04	NP	NP	--
	12/9/2021		34.13	NP	NP	--
	3/22/2022		35.55	NP	NP	--
MW-6*	6/15/2017	--	32.95	NP	NP	--
	6/22/2018		32.58	NP	NP	_
	9/17/2018		33.00	32.88	0.12	--

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-6*	12/20/2018	--	33.00	32.98	0.02	--
	4/8/2019		32.96	NP	NP	--
	6/13/2019		32.43	NP	NP	--
	9/19/2019		32.24	NP	NP	--
	12/5/2019		31.79	NP	NP	--
	3/5/2020		33.36	NP	NP	--
	6/4/2020		32.65	NP	NP	--
	9/17/2020		33.00	NP	NP	--
	12/17/2020		DRY	NP	NP	--
	3/25/2021		33.18	NP	NP	--
	6/2/2021		33.69	NP	NP	--
	9/29/2021		33.31	NP	NP	--
	12/9/2021		32.35	NP	NP	--
	3/22/2022		33.44	NP	NP	--
MW-8*	6/15/2017	--	34.78	NP	NP	--
	6/22/2018		35.51	NP	NP	--
	9/17/2018		35.78	NP	NP	--
	6/13/2019		35.36	NP	NP	--
	9/19/2019		34.96	NP	NP	--
	12/5/2019		34.79	NP	NP	--
	3/5/2020		35.16	NP	NP	--
	6/4/2020		35.55	NP	NP	--
	9/17/2020		35.81	NP	NP	--
	12/17/2020		36.90	NP	NP	--
	3/25/2021		36.21	NP	NP	--
	6/2/2021		36.11	NP	NP	--
	9/29/2021		36.17	NP	NP	--
	12/9/2021		36.03	NP	NP	--
	3/22/2022		36.20	NP	NP	--
MW-9*	6/15/2017	--	35.71	NP	NP	--
	6/13/2019		42.57	NP	NP	--
	12/5/2019		42.98	NP	NP	--
	3/5/2020		42.86	NP	NP	--
	6/4/2020		44.14	NP	NP	--

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-9*	9/17/2020	--	44.65	NP	NP	--
	12/17/2020		45.08	NP	NP	--
	3/25/2021		45.42	NP	NP	--
	6/2/2021		DRY	NP	NP	--
	9/29/2021		45.00	NP	NP	--
	12/9/2021		45.32	NP	NP	--
	3/22/2022		45.34	NP	NP	--
MW-10*	6/13/2017	--	24.45	NP	NP	--
	6/21/2018		25.62	NP	NP	--
	9/17/2019		22.90	NP	NP	--
	12/20/2018		22.13	NP	NP	--
	4/8/2019		22.79	NP	NP	--
	6/13/2019		22.00	NP	NP	--
	9/19/2019		22.06	NP	NP	--
	12/5/2019		22.30	NP	NP	--
	3/5/2020		22.53	NP	NP	--
	6/4/2020		23.58	NP	NP	--
	9/17/2020		23.90	NP	NP	--
	12/17/2020		DRY	NP	NP	--
	3/25/2021		DRY	NP	NP	--
	6/2/2021		23.42	NP	NP	--
	9/29/2021		22.76	NP	NP	--
	12/9/2021		20.07	NP	NP	--
	3/22/2022		23.38	NP	NP	--
MW-11	5/20/2017	6,492.85	24.66	NP	NP	6,468.19
	6/13/2017		24.72	NP	NP	6,468.13
	6/21/2018		26.25	NP	NP	6,466.60
	9/17/2018		26.71	NP	NP	6,466.14
	12/20/2018		26.83	NP	NP	6,466.02
	4/8/2019		26.56	NP	NP	6,466.29
	6/13/2019		25.54	NP	NP	6,467.31
	9/19/2019		25.93	NP	NP	6,466.92
	12/5/2019		25.89	NP	NP	6,466.96
	3/5/2020		26.18	NP	NP	6,466.67

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-11	6/4/2020	6,492.85	26.81	NP	NP	6,466.04
	9/17/2020		27.05	NP	NP	6,465.80
	12/17/2020		DRY	NP	NP	DRY
	3/25/2021		26.29	NP	NP	6,466.56
	6/2/2021		27.19	NP	NP	6,465.66
	9/29/2021		27.29	NP	NP	6,465.56
	12/9/2021		26.53	NP	NP	6,466.32
	3/22/2022		25.98	NP	NP	6,466.87
MW-12	5/20/2017	6,503.57	37.71	NP	NP	6,465.86
	6/14/2017		37.57	NP	NP	6,466.00
	6/22/2018		33.49	33.30	0.19	6,470.23
	9/17/2018		33.99	33.72	0.27	6,469.80
	12/20/2018		33.89	33.09	0.80	6,470.32
	4/8/2019		34.16	33.85	0.31	6,469.66
	6/13/2019		33.75	33.59	0.16	6,469.95
	9/19/2019		33.30	33.26	0.04	6,470.30
	12/5/2019		33.68	33.47	0.21	6,470.06
	3/5/2020		33.68	33.49	0.19	6,470.04
	6/4/2020		33.56	33.48	0.08	6,470.08
	9/17/2020		32.32	32.31	0.01	6,471.26
	12/17/2020		33.81	33.69	0.12	6,469.86
	3/25/2021		33.67	33.58	0.09	6,469.97
	6/2/2021		34.12	34.01	0.11	6,469.54
	9/29/2021		33.75	32.98	0.77	6,470.44
	12/9/2021		34.21	32.94	1.27	6,470.38
	3/22/2022		34.86	33.72	1.14	6,469.62
MW-13	5/20/2017	6,490.03	22.17	NP	NP	6,467.86
	6/13/2017		22.29	NP	NP	6,467.74
	6/21/2018		23.90	NP	NP	6,466.13
	9/17/2018		24.21	NP	NP	6,465.82
	12/20/2018		24.58	NP	NP	6,465.45
	4/8/2019		23.87	NP	NP	6,466.16
	6/13/2019		23.14	NP	NP	6,466.89
	9/19/2019		23.25	NP	NP	6,466.78

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-13	12/5/2019	6,490.03	23.48	NP	NP	6,466.55
	3/5/2020		23.89	NP	NP	6,466.14
	6/4/2020		24.58	NP	NP	6,465.45
	9/17/2020		24.78	NP	NP	6,465.25
	12/17/2020		DRY	NP	NP	DRY
	3/25/2021		24.62	NP	NP	6,465.41
	6/2/2021		24.65	NP	NP	6,465.38
	9/29/2021		25.05	NP	NP	6,464.98
	12/9/2021		24.01	NP	NP	6,466.02
	3/22/2022		24.67	NP	NP	6,465.36
MW-14	5/20/2017	6,476.22	12.90	NP	NP	6,463.32
	6/14/2017		13.24	NP	NP	6,462.98
	6/21/2018		14.51	NP	NP	6,461.71
	9/17/2018		14.84	NP	NP	6,461.38
	12/20/2018		15.08	NP	NP	6,461.14
	9/19/2019		14.38	NP	NP	6,461.84
	12/5/2019		14.56	NP	NP	6,461.66
	3/5/2020		14.36	NP	NP	6,461.86
	6/4/2020		14.52	NP	NP	6,461.70
	9/17/2020		15.07	NP	NP	6,461.15
	12/17/2020		15.18	NP	NP	6,461.04
	3/25/2021		14.56	NP	NP	6,461.66
	6/2/2021		14.65	NP	NP	6,461.57
	9/29/2021		15.27	NP	NP	6,460.95
	12/9/2021		15.45	NP	NP	6,460.77
	3/22/2022		14.98	NP	NP	6,461.24
MW-15	5/20/2017	6,478.37	14.58	NP	NP	6,463.79
	6/14/2017		14.59	NP	NP	6,463.78
	6/21/2018		15.21	NP	NP	6,463.16
	9/17/2018		15.45	NP	NP	6,462.92
	12/20/2018		15.65	NP	NP	6,462.72
	4/8/2019		15.02	15.04	0.02	6,463.36
	6/13/2019		15.01	NP	NP	6,463.36
	9/19/2019		15.17	NP	NP	6,463.20

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-15	12/5/2019	6,478.37	15.37	15.35	0.02	6,463.01
	3/5/2020		15.46	NP	NP	6,462.91
	6/4/2020		15.55	NP	NP	6,462.82
	9/17/2020		15.90	NP	NP	6,462.47
	12/17/2020		16.83	15.69	1.14	6,462.45
	3/25/2021		16.52	15.82	0.70	6,462.41
	6/2/2021		15.82	NP	NP	6,462.55
	9/29/2021		16.93	15.98	0.95	6,462.20
	12/9/2021		17.02	16.05	0.97	6,462.12
	3/22/2022		16.31	16.22	0.09	6,462.13
MW-16	5/20/2017	6,487.57	21.99	NP	NP	6,465.58
	6/14/2017		22.69	NP	NP	6,464.88
	6/22/2018		22.71	NP	NP	6,464.86
	9/17/2018		23.09	NP	NP	6,464.48
	12/20/2018		DRY	NP	NP	DRY
	4/8/2019		DRY	NP	NP	DRY
	6/13/2019		DRY	NP	NP	DRY
	9/19/2019		23.08	NP	NP	6,464.49
	12/5/2019		23.14	NP	NP	6,464.43
	3/5/2020		22.96	NP	NP	6,464.61
	6/4/2020		DRY	NP	NP	DRY
	9/17/2020		22.95	NP	NP	6,464.62
	12/17/2020		23.09	NP	NP	6,464.48
	3/25/2021		22.74	NP	NP	6,464.83
	6/2/2021		22.74	NP	NP	6,464.83
	9/29/2021		22.81	NP	NP	6,464.76
	12/9/2021		22.79	NP	NP	6,464.78
	3/22/2022		22.73	NP	NP	6,464.84
MW-17	10/16/2017	6,483.30	25.23	NP	NP	6,458.07
	6/20/2018		22.58	NP	NP	6,460.72
	9/17/2018		21.54	NP	NP	6,461.76
	12/20/2018		22.78	NP	NP	6,460.52
	4/8/2019		21.97	NP	NP	6,461.33
	6/13/2019		21.61	NP	NP	6,461.69

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-17	9/19/2019	6,483.30	21.43	NP	NP	6,461.87
	12/5/2019		21.51	NP	NP	6,461.79
	3/5/2020		21.70	NP	NP	6,461.60
	6/4/2020		21.69	NP	NP	6,461.61
	9/17/2020		21.74	NP	NP	6,461.56
	12/17/2020		21.87	NP	NP	6,461.43
	3/25/2021		22.10	NP	NP	6,461.20
	6/2/2021		22.08	NP	NP	6,461.22
	9/29/2021		22.10	NP	NP	6,461.20
	12/9/2021		22.18	NP	NP	6,461.12
	3/22/2022		22.29	NP	NP	6,461.01
MW-18	10/16/2017	6,485.22	23.39	NP	NP	6,461.83
	6/20/2018		23.46	NP	NP	6,461.76
	9/17/2018		23.38	NP	NP	6,461.84
	12/20/2018		23.48	NP	NP	6,461.74
	4/8/2019		23.70	NP	NP	6,461.52
	6/13/2019		23.59	NP	NP	6,461.63
	9/19/2019		23.47	NP	NP	6,461.75
	12/5/2019		23.38	NP	NP	6,461.84
	3/5/2020		23.49	NP	NP	6,461.73
	6/4/2020		23.54	NP	NP	6,461.68
	9/17/2020		23.60	NP	NP	6,461.62
	12/17/2020		23.68	NP	NP	6,461.54
	3/25/2021		23.90	NP	NP	6,461.32
	6/2/2021		23.98	NP	NP	6,461.24
	9/29/2021		23.93	NP	NP	6,461.29
	12/9/2021		24.01	NP	NP	6,461.21
	3/22/2022		24.37	NP	NP	6,460.85
MW-19	10/16/2017	6,492.35	30.06	NP	NP	6,462.29
	6/20/2018		30.00	NP	NP	6,462.35
	9/17/2018		30.05	29.96	0.09	6,462.37
	12/20/2018		30.14	30.12	0.02	6,462.22
	4/8/2019		30.31	NP	NP	6,462.04
	6/13/2019		30.26	NP	NP	6,462.09

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-19	9/19/2019	6,492.35	30.08	NP	NP	6,462.27
	12/5/2019		30.37	29.56	0.81	6,462.62
	3/5/2020		30.27	30.25	0.02	6,462.09
	6/4/2020		30.20	NP	NP	6,462.15
	9/17/2020		30.42	NP	NP	6,461.93
	12/17/2020		30.30	NP	NP	6,462.05
	3/25/2021		30.94	30.92	0.02	6,461.42
	6/2/2021		30.68	30.92	NP	6,461.67
	9/29/2021		30.85	NP	NP	6,461.50
	12/9/2021		30.83	NP	NP	6,461.52
	3/22/2022		31.54	NP	NP	6,460.81
MW-20	10/16/2017	6,493.38	28.50	NP	NP	6,464.88
	6/20/2018		28.79	NP	NP	6,464.59
	9/17/2018		28.77	NP	NP	6,464.61
	12/20/2018		28.93	NP	NP	6,464.45
	4/8/2019		29.11	NP	NP	6,464.27
	6/13/2019		28.72	NP	NP	6,464.66
	9/19/2019		28.50	NP	NP	6,464.88
	12/5/2019		28.56	NP	NP	6,464.82
	3/5/2020		29.70	NP	NP	6,463.68
	6/4/2020		28.81	NP	NP	6,464.57
	9/17/2020		29.04	NP	NP	6,464.34
	12/17/2020		29.07	NP	NP	6,464.31
	3/25/2021		29.32	NP	NP	6,464.06
	6/2/2021		29.28	NP	NP	6,464.10
	9/29/2021		29.30	NP	NP	6,464.08
	12/9/2021		29.82	NP	NP	6,463.56
	3/22/2022		29.53	NP	NP	6,463.85
MW-21	10/16/2017	6,508.15	36.81	NP	NP	6,471.34
	6/22/2018		37.28	NP	NP	6,470.87
	9/17/2018		37.30	NP	NP	6,470.85
	12/20/2018		30.48	NP	NP	6,477.67
	4/8/2019		37.31	NP	NP	6,470.84
	6/13/2019		36.79	NP	NP	6,471.36

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-21	9/19/2019	6,508.15	36.69	NP	NP	6,471.46
	12/5/2019		36.74	NP	NP	6,471.41
	3/5/2020		37.10	NP	NP	6,471.05
	6/4/2020		37.35	NP	NP	6,470.80
	9/17/2020		37.49	NP	NP	6,470.66
	12/17/2020		37.76	NP	NP	6,470.39
	3/25/2021		37.55	NP	NP	6,470.60
	6/2/2021		37.52	NP	NP	6,470.63
	9/29/2021		37.53	NP	NP	6,470.62
	12/9/2021		37.46	NP	NP	6,470.69
	3/22/2022		37.52	NP	NP	6,470.63
MW-22	10/16/2017	6,497.15	29.67	NP	NP	6,467.48
	6/22/2018		30.01	NP	NP	6,467.14
	9/17/2018		30.19	NP	NP	6,466.96
	12/20/2018		30.46	NP	NP	6,466.69
	4/8/2019		29.98	NP	NP	6,467.17
	6/13/2019		29.58	NP	NP	6,467.57
	9/19/2019		29.74	NP	NP	6,467.41
	12/5/2019		29.75	NP	NP	6,467.40
	3/5/2020		29.93	NP	NP	6,467.22
	6/4/2020		30.10	NP	NP	6,467.05
	9/17/2020		30.32	NP	NP	6,466.83
	12/17/2020		30.47	NP	NP	6,466.68
	3/25/2021		30.67	NP	NP	6,466.48
	6/2/2021		30.55	NP	NP	6,466.60
	9/29/2021		30.70	NP	NP	6,466.45
	12/9/2021		34.20	NP	NP	6,462.95
	3/22/2022		30.77	NP	NP	6,466.38
MW-23	10/16/2017	6,505.95	36.80	NP	NP	6,469.15
	6/22/2018		37.35	NP	NP	6,468.60
	9/17/2018		37.58	NP	NP	6,468.37
	12/20/2018		37.75	NP	NP	6,468.20
	4/8/2019		37.35	NP	NP	6,468.60
	6/13/2019		37.37	NP	NP	6,468.58

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-23	9/19/2019	6,505.95	36.95	NP	NP	6,469.00
	12/5/2019		36.92	NP	NP	6,469.03
	3/5/2020		37.25	NP	NP	6,468.70
	6/4/2020		37.53	NP	NP	6,468.42
	9/17/2020		37.66	NP	NP	6,468.29
	12/17/2020		38.08	NP	NP	6,467.87
	3/25/2021		38.28	NP	NP	6,467.67
	6/2/2021		37.92	NP	NP	6,468.03
	9/29/2021		38.07	NP	NP	6,467.88
	12/9/2021		38.20	NP	NP	6,467.75
	3/22/2022		37.10	NP	NP	6,468.85
MW-24	9/17/2018	6,490.71	29.19	NP	NP	6,461.52
	12/20/2018		29.28	NP	NP	6,461.43
	4/8/2019		29.44	NP	NP	6,461.27
	6/13/2019		29.44	NP	NP	6,461.27
	9/19/2019		29.33	NP	NP	6,461.38
	12/5/2019		28.78	NP	NP	6,461.93
	3/5/2020		29.32	NP	NP	6,461.39
	6/4/2020		29.36	NP	NP	6,461.35
	9/17/2020		29.45	NP	NP	6,461.26
	12/17/2020		29.45	NP	NP	6,461.26
	3/25/2021		29.64	NP	NP	6,461.07
	6/2/2021		29.67	NP	NP	6,461.04
	9/29/2021		29.78	NP	NP	6,460.93
	12/9/2021		29.80	NP	NP	6,460.91
	3/22/2022		29.81	NP	NP	6,460.90
MW-25	9/17/2018	6,507.65	34.61	NP	NP	6,473.04
	12/20/2018		34.69	NP	NP	6,472.96
	4/8/2019		34.61	NP	NP	6,473.04
	6/13/2019		34.40	NP	NP	6,473.25
	9/19/2019		34.38	NP	NP	6,473.27
	12/5/2019		34.45	NP	NP	6,473.20
	3/5/2020		34.54	NP	NP	6,473.11
	6/4/2020		34.68	NP	NP	6,472.97

TABLE 6

GROUNDWATER ELEVATION SUMMARY
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-25	9/17/2020	6,507.65	34.82	NP	NP	6,472.83
	12/17/2020		34.83	NP	NP	6,472.82
	3/25/2021		34.90	NP	NP	6,472.75
	6/2/2021		34.92	NP	NP	6,472.73
	9/29/2021		35.06	NP	NP	6,472.59
	12/9/2021		35.40	NP	NP	6,472.25
	3/22/2022		35.69	NP	NP	6,471.96

Notes:

AMSL - above mean sea level

BTOC - below top of casing

NP - no product, no free phase hydrocarbons were observed in the well

* - monitoring well installed by BP/Blagg Engineering, not surveyed

Product thickness multiplied by 0.8 for groundwater elevation calculation in wells with observed PSH

TABLE 7

PSH RECOVERY DATA - MW-15
FLORANCE GC J #16A
SAN JUAN COUNTY, NEW MEXICO

Date	Well-ID	Cycles	Run Time (ddd:hh:mm)	Cycles (Lifetime)	Lifetime (ddd:hh:mm)	Estimated Cumulative Product Recovered (gallon)	Depth to Product (feet)	Depth to Water (feet)	PSH Thickness (feet)	Battery Voltage	System ON/OFF	Any Faults	Notes/Maintenance Completed
1/15/2021	MW-15	-	-	-	-	1.05	15.74	16.82	1.08	-	-	-	Bailed 117 oz and 17 oz from sock
3/19/2021	MW-15	-	-	-	-	3.05	15.75	16.4	0.65	-	-	-	No sock to replace existing sock
4/1/2021	MW-15	-	-	-	-	5.18	15.82	16.46	0.64	-	-	-	Bailed 256 oz and 17 oz from sock, two sock placed in well
4/30/2021	MW-15	0	0	4,081	117:07:40	5.38	15.89	16.19	0.3	-	-	-	25.5 oz from 1.5 saturated socks. Moved solar sipper from Pritchard 2A to MW-15, reset site specific cycles and runtimes
5/14/2021	MW-15	56	13:23:43	73	131:09:04	5.82	15.88	16.65	0.77	12.4	ON	NO	1 oz per cycle
6/1/2021	MW-15	142	31:23:48	159	149:09:08	7.16	-	15.82	-	12.4	ON	NO	2 oz per cycle
7/13/2021	MW-15	311	73:20:55	328	191:06:16	10.46	15.84	16.3	0.46	12.5	ON	-	2.5 oz per cycle, 4 hour delay
7/30/2021	MW-15	415	90:20:22	432	208:05:42	11.27	-	-	-	12.5	ON	-	1 oz per cycle, 3 hour delay
8/27/2021	MW-15	641	118:22:56	658	236:08:16	13.04	-	-	-	12.5	ON	-	1 oz per cycle
9/9/2021	MW-15	748	131:22:13	765	249:07:34	15.13	-	16	-	12.5	ON	NO	2.5 oz per cycle
9/29/2021	MW-15	763	135:22:49	780	253:08:09	15.53	15.98	16.93	0.95	12.5	OFF	YES	bailed 36 oz, 1 oz per cycle, solar sipper offline, Intake override alarm
10/13/2021	MW-15	765	135:22:54	784	253:08:09	15.59	-	-	-	13.3	OFF	YES	intake float needs replacing, 4 oz recovered
10/27/2021	MW-15	772	135:23:15	4,870	253:08:36	15.70	15.98	16.95	0.97	12.4	ON	NO	Intake float replaced, jumped. 2 oz/cycle
11/10/2021	MW-15	827	149:21:44	4,925	11:07:05	16.56	16.01	16.95	0.94	12.4	ON	NO	6 inches of product in barrel, 2 oz/cycle
11/23/2021	MW-15	884	162:22:20	4,928	24:07:41	18.89	16.06	17.03	0.97	12.7	ON	NO	Change delay to 4 hours, 3 oz/cycle, bailed 1.0 gal
12/9/2021	MW-15	981	178:20:13	5,079	40:05:34	21.17	16.05	17.02	0.97	12.8	ON	NO	3 oz/cycle
1/13/2022	MW-15	1,193	213:21:52	5,291	75:07:13	27.79	16.14	16.78	0.64	12.4	ON	NO	4 oz/cycle
2/3/2022	MW-15	1,322	235:00:13	5,420	96:09:33	29.30	16.16	16.37	0.21	12.4	ON	NO	1.5 oz/cycle
2/17/2022	MW-15	1,405	248:23:47	5,503	110:09:08	31.25	16.31	16.58	0.27	12.4	ON	NO	3 oz/cycle, replaced air desiccant.
3/4/2022	MW-15	1,585	7:21:45	5,683	125:07:06	33.36	16.28	16.33	0.05	12.4	ON	NO	1.5 oz/cycle
3/22/2022	MW-15	1,800	25:21:52	5,898	143:07:13	35.88	16.22	16.31	0.09	12.4	ON	NO	1.5 oz/cycle

Notes:
PSH - phase-separated hydrocarbons
O&M - operations and maintenance
BTOC - below top of casing
NA - not applicable
NM - not measured
NP - no product observed

Total Estimated PSH Recovery in MW-15 since Jan 2021: 35.88 gallons

ENCLOSURE A – LABORATORY ANALYTICAL REPORTS

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

January 19, 2022

Danny Burns

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

RE: Florance GC J 16A OrderNo.: 2201616

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 1 sample(s) on 1/15/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2201616**
Date Reported: **1/19/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: Zone 1 Inlet
Project: Florance GC J 16A
Collection Date: 1/13/2022 1:45:00 PM
Lab ID: 2201616-001 **Matrix:** AIR
Received Date: 1/15/2022 8:11:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	940	10		µg/L	2	1/18/2022 9:16:52 AM	G85236
Surr: BFB	610	37.3-213	S	%Rec	2	1/18/2022 9:16:52 AM	G85236
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.20		µg/L	2	1/18/2022 9:16:52 AM	B85236
Toluene	1.0	0.20		µg/L	2	1/18/2022 9:16:52 AM	B85236
Ethylbenzene	ND	0.20		µg/L	2	1/18/2022 9:16:52 AM	B85236
Xylenes, Total	4.5	0.40		µg/L	2	1/18/2022 9:16:52 AM	B85236
Surr: 4-Bromofluorobenzene	117	70-130		%Rec	2	1/18/2022 9:16:52 AM	B85236

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2201616**
19-Jan-22

Client: Harvest
Project: Florance GC J 16A

Sample ID: **2201616-001adup** SampType: **DUP** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **Zone 1 Inlet** Batch ID: **G85236** RunNo: **85236**
Prep Date: Analysis Date: **1/18/2022** SeqNo: **2998588** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	970	10						2.81	20	
Surr: BFB	19000		4000		473	37.3	213	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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2201616**
19-Jan-22

Client: Harvest
Project: Florance GC J 16A

Sample ID: **2201616-001adup** SampType: **DUP** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **Zone 1 Inlet** Batch ID: **B85236** RunNo: **85236**
Prep Date: Analysis Date: **1/18/2022** SeqNo: **2998613** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.20						0	20	
Toluene	1.0	0.20						2.77	20	
Ethylbenzene	ND	0.20						0	20	
Xylenes, Total	4.6	0.40						3.63	20	
Surr: 4-Bromofluorobenzene	4.6		4.000		115	70	130	0	0	

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: **Harvest** Work Order Number: **2201616** RcptNo: **1**

Received By: **Cheyenne Cason** **1/15/2022 8:11:00 AM**

Completed By: **Cheyenne Cason** **1/15/2022 8:47:19 AM**

Reviewed By: VP 1/15/22

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° 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: 15 (<2 or >12 unless noted)

Adjusted?

Checked by: CMC 1/14/22 amc 1/15/22

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 °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	NA	Good	Yes			

Chain-of-Custody Record

Client: Harvest Four Corners
Oakley Hayes
Mailing Address:
Phone #:
email or Fax#: Oakley.Hayes@harvestmidstream.com
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: Florance CC J 16A
Project #:
Project Manager: Danny Burns - WSP
Sampler: E. Carroll - WSP
On Ice: ☑ Yes ☐ No
# of Coolers: 1 N/A
Cooler Temp(including CF): ~~0.1+0.1=0.2~~ (°C)
CMC 11/15/22

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2201616	Analysis Request: (BTEX / ~~MTBE~~ / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
1/13/22	13:45	Air	Zone 1 Inlet	1 Tedlar		001	X	X								

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
1/14	13:20	Essie Carroll	CNA	Walk	1/14/22	1320
1/14/22	1502	Christine Walker	Cee Counts		11/15/22	0811

Remarks:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

February 17, 2022

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

RE: Florance GC J 16A OrderNo.: 2202429

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 1 sample(s) on 2/9/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2202429**
Date Reported: **2/17/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: Zone 2 Influent
Project: Florance GC J 16A
Collection Date: 2/3/2022 2:50:00 PM
Lab ID: 2202429-001 **Matrix:** AIR
Received Date: 2/9/2022 11:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	2000	25		µg/L	5	2/10/2022 8:56:31 AM	G85758
Surr: BFB	161	37.3-213		%Rec	5	2/10/2022 8:56:31 AM	G85758
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	2.0	0.50		µg/L	5	2/10/2022 8:56:31 AM	B85758
Toluene	2.3	0.50		µg/L	5	2/10/2022 8:56:31 AM	B85758
Ethylbenzene	ND	0.50		µg/L	5	2/10/2022 8:56:31 AM	B85758
Xylenes, Total	2.1	1.0		µg/L	5	2/10/2022 8:56:31 AM	B85758
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	5	2/10/2022 8:56:31 AM	B85758

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2202429**

17-Feb-22

Client: Harvest

Project: Florance GC J 16A

Sample ID: **2202429-001adup**	SampType: **DUP**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **Zone 2 Influent**	Batch ID: **G85758**	RunNo: **85758**
Prep Date:	Analysis Date: **2/10/2022**	SeqNo: **3019277** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	2000	25						1.99	20	
Surr: BFB	16000		10000		158	37.3	213	0	0	

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2202429**

17-Feb-22

Client: Harvest

Project: Florance GC J 16A

Sample ID: **2202429-001adup**	SampType: **DUP**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **Zone 2 Influent**	Batch ID: **B85758**	RunNo: **85758**
Prep Date:	Analysis Date: **2/10/2022**	SeqNo: **3019326** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	2.0	0.50						2.07	20	
Toluene	2.2	0.50						1.46	20	
Ethylbenzene	ND	0.50						0	20	
Xylenes, Total	2.0	1.0						3.95	20	
Surr: 4-Bromofluorobenzene	11		10.00		106	70	130	0	0	

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: **Harvest** Work Order Number: **2202429** RcptNo: 1

Received By: **Joseph Alderette** **2/9/2022 11:20:00 AM**

Completed By: **Desiree Dominguez** **2/9/2022 12:43:13 PM**

Reviewed By: SCL 2/9/22

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° 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: 2/9/22

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 °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	NA	Good	Yes			

Chain-of-Custody Record

Client: Harvest Four Corners
OAKley Hayes
Mailing Address:
Phone #:
email or Fax#: Oakley.Hayes@harvest.com
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: Florance CCJ IGA
Project #:
Project Manager: Danny Burns - WSP
Sampler: E. Carroll - WSP
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 0.8 - 0 = 0.8 (°C)

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2202429	Analysis Request: BTEX / ~~MTBE~~ / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
2/3/22	14:50	Air	Zone 2 Influent	1 Tedlar		-001	X	X								

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
2/8/22	1428	Eric Carroll	Christa Walters		2/8/22	1428
2/8/22	1811	Christa Walters		courier	2-9-22	11:20

Remarks:
cc: eric.carroll@wsp.com

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

February 25, 2022

Danny Burns

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

RE: Florance GCJ 16A OrderNo.: 2202948

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 1 sample(s) on 2/19/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2202948**
Date Reported: **2/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: Influent Zone 03
Project: Florance GCJ 16A
Collection Date: 2/17/2022 4:15:00 PM
Lab ID: 2202948-001 **Matrix:** AIR
Received Date: 2/19/2022 8:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	190	5.0		µg/L	1	2/23/2022 8:53:34 AM	G86042
Surr: BFB	214	37.3-213	S	%Rec	1	2/23/2022 8:53:34 AM	G86042
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.15	0.10		µg/L	1	2/23/2022 8:53:34 AM	B86042
Toluene	0.27	0.10		µg/L	1	2/23/2022 8:53:34 AM	B86042
Ethylbenzene	ND	0.10		µg/L	1	2/23/2022 8:53:34 AM	B86042
Xylenes, Total	0.65	0.20		µg/L	1	2/23/2022 8:53:34 AM	B86042
Surr: 4-Bromofluorobenzene	95.5	70-130		%Rec	1	2/23/2022 8:53:34 AM	B86042

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2202948**
25-Feb-22

Client: Harvest
Project: Florance GCJ 16A

Sample ID: **2202948-001adup** SampType: **DUP** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **Influent Zone 03** Batch ID: **G86042** RunNo: **86042**
Prep Date: Analysis Date: **2/23/2022** SeqNo: **3031463** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	190	5.0						0.0530	20	
Surr: BFB	4300		2000		214	37.3	213	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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2202948**

25-Feb-22

Client: Harvest

Project: Florance GCJ 16A

Sample ID: **2202948-001adup** SampType: **DUP** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **Influent Zone 03** Batch ID: **B86042** RunNo: **86042**

Prep Date: Analysis Date: **2/23/2022** SeqNo: **3031511** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.15	0.10						0.822	20	
Toluene	0.27	0.10						0.449	20	
Ethylbenzene	ND	0.10						0	20	
Xylenes, Total	0.66	0.20						1.23	20	
Surr: 4-Bromofluorobenzene	1.9		2.000		95.7	70	130	0	0	

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: Harvest | Work Order Number: 2202948 | RcptNo: 1

Received By: **Juan Rojas** 2/19/2022 8:20:00 AM

Completed By: **Kasandra Payan** 2/19/2022 11:03:12 AM

Reviewed By: VPG 2/19/22

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° 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 2/19/22

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 °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.6	Good				

Chain-of-Custody Record

Client: Harvest Midstream
Oakley Hayes
Mailing Address:

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

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: Florance GC J16A
Project #:
Project Manager: Danny Burns
Sampler: DB
On Ice: ☐ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 1.7+0.1=2.6 (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2202948	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
2-17-22	1615	Air	Influent Zone 03	1-Tedlar	—	001	X	X								

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
2-18	1525	Gregory Patrese			2/18/22	1525
2/18/22	1754			courier	2/19/22	8:20

Remarks:
cc: danny.burns@wsp.com
eric_carroll@wsp.com
brooke.herb@wsp.com

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

March 09, 2022

Danny Burns

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

RE: Florance GC J 16A OrderNo.: 2203369

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/5/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2203369**
Date Reported: **3/9/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: Zone 4 Influent
Project: Florance GC J 16A
Collection Date: 3/4/2022 1:30:00 PM
Lab ID: 2203369-001 **Matrix:** AIR
Received Date: 3/5/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	680	25		µg/L	5	3/7/2022 2:33:42 PM	B86283
Surr: BFB	230	37.3-213	S	%Rec	5	3/7/2022 2:33:42 PM	B86283
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.20		µg/L	5	3/7/2022 2:33:42 PM	D86283
Toluene	0.42	0.20		µg/L	5	3/7/2022 2:33:42 PM	D86283
Ethylbenzene	ND	0.20		µg/L	5	3/7/2022 2:33:42 PM	D86283
Xylenes, Total	1.6	1.0		µg/L	5	3/7/2022 2:33:42 PM	D86283
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5	3/7/2022 2:33:42 PM	D86283

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

Qualifiers:

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

ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: Harvest | Work Order Number: 2203369 | RcptNo: 1

Received By: Cheyenne Cason 3/5/2022 8:55:00 AM

Completed By: Cheyenne Cason 3/5/2022 12:18:50 PM

Reviewed By: JA 3/7/22

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° 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 ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
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 ☐	Checked by: KPG 3/7/22

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 °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.5	Good	Yes			
2	1.4	Good	Yes			
3	2.1	Good	Yes			

Chain-of-Custody Record

Client: Harvest Four Corners

Oakley Hayes

Mailing Address:

Phone #:

email or Fax#: Ohayes@harvestmidstream.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Florance GC S 164

Project #:

Project Manager: Danny Burns - WSP

Sampler: E. Carroll, WSP

On Ice: ☒ Yes ☐ No

# of Coolers: 3

Cooler Temp(including CF): See Bench (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2203369	BTEX / ~~MTBE~~ / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
3/4	13:30	Air	Zone 4 Influent	1 Tedlar		001	X	X														

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
3/4	1504	Eric Carroll	Grant Watt		3/4/22	1504
3/4/22	1930	Grant Watt	Eric Carroll		3/5/22	0855

Remarks:
2.5-0=2.5
1.4-0=1.4
2.1-0=2.1
CC: danny.burns@wsp.com
eric.carroll@wsp.com

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

March 30, 2022

Danny Burns

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

RE: Florance GC J16A OrderNo.: 2203B87

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/23/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2203B87**
Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: Influent Zone 02
Project: Florance GC J16A
Collection Date: 3/22/2022 2:20:00 PM
Lab ID: 2203B87-001 **Matrix:** AIR
Received Date: 3/23/2022 7:22:00 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	3/24/2022 8:01:00 AM	G86732
Surr: BFB	348	15-380		%Rec	5	3/24/2022 8:01:00 AM	G86732
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	2.4	0.50		µg/L	5	3/24/2022 8:01:00 AM	B86732
Toluene	3.4	0.50		µg/L	5	3/24/2022 8:01:00 AM	B86732
Ethylbenzene	ND	0.50		µg/L	5	3/24/2022 8:01:00 AM	B86732
Xylenes, Total	9.4	1.0		µg/L	5	3/24/2022 8:01:00 AM	B86732
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5	3/24/2022 8:01:00 AM	B86732

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2203B87**
30-Mar-22

Client: Harvest
Project: Florance GC J16A

Sample ID: **2203b87-001adup** SampType: **DUP** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **Influent Zone 02** Batch ID: **G86732** RunNo: **86732**
Prep Date: Analysis Date: **3/24/2022** SeqNo: **3062158** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	2500	25						5.25	20	
Surr: BFB	32000		10000		321	15	380	0	0	

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2203B87**

30-Mar-22

Client: Harvest

Project: Florance GC J16A

Sample ID: **2203b87-001adup** SampType: **DUP** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **Influent Zone 02** Batch ID: **B86732** RunNo: **86732**

Prep Date: Analysis Date: **3/24/2022** SeqNo: **3062199** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	2.3	0.50						4.79	20	
Toluene	3.2	0.50						6.85	20	
Ethylbenzene	ND	0.50						0	20	
Xylenes, Total	8.7	1.0						8.31	20	
Surr: 4-Bromofluorobenzene	10		10.00		100	70	130	0	0	

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: Harvest | Work Order Number: 2203B87 | RcptNo: 1

Received By: Cheyenne Cason 3/23/2022 7:22:00 AM

Completed By: Cheyenne Cason 3/23/2022 7:31:11 AM

Reviewed By: TO 3/23/22

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° 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 ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
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 ☐	Checked by: CM 3/23/22

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 °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	NA	Good	Not Present			

Chain-of-Custody Record

Client: Harvest Midstream

Attn: Oakley Hayes

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Florance GC J16A

Project #:

Project Manager: WSP- Danny Burns

Sampler: DB

On Ice: ☑ Yes ~~☐ No~~ CAC 3/23/22

# of Coolers: (

Cooler Temp(including CF): NA (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2203B87	BTEX/ MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
3-22	1420	Air	Influent Zone 02	1-Tedlar	—	001	X	X								

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
3-22-22	1505					
3/22/22	1748	Martin Wootan		Courier	3/23/22	0722

Remarks:

cc: danny.burns@wsp.com
brooke.herb@wsp.com
eric.carroll@wsp.com

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

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 102420

CONDITIONS

Operator:	OGRID:
Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	373888
	Action Number: 102420
	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