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April 28, 2021

District III
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Subject: **Quarterly 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 2021 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, 2021, through March 26, 2021. The report was prepared by WSP USA, Inc. (WSP), formally LT Environmental, Inc., 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 while cycling between the other zones. The system layout is depicted on

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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 2021. The results of these efforts are summarized in tables attached to this report including the following information through the final site visit for the quarter conducted on March 26, 2021.

VAPOR RECOVERY

The run time for the remediation system listed in Table 1 indicates an average run time for the first quarter of 81 percent (%), with a cumulative overall run time of 90%. The reduced runtime in the first quarter of 2021 is a result of continued system shutdowns due to a malfunctioning float stem that operates the fluid transfer pump. The float stem was repaired and replaced on February 25, 2021, but still required some troubleshooting and manual restarts at the Site. Temporary system operation interruptions occurred due to routine maintenance requirements.

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. Four 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 2021 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 3,431 pounds (lbs) of regulated volatile organic compounds (VOCs). During the first quarter 2021, the calculated mass removal rate based on VOC data varied from 0.3 lbs per day to 11.701 lbs per day. A total of 752 lbs of regulated VOCs were removed during the first quarter of 2021 through March 26, 2021.

FLUID RECOVERY

Fluid recovery efforts are summarized in Table 4. During the first quarter of 2021, total fluid recovery was measured using a flow metering device. Since startup of the system on May 4, 2018, through March 26, 2021, approximately 267,132 gallons of impacted groundwater and free product have been recovered. Recovered product and groundwater are mixed during extraction and, as a result, the product volume within the recovery tank is not measurable, therefore, the estimated volume of product recovered has been removed from Table 4. The recovered liquids are emulsified, and a measurable level of product is undetectable by an oil/water interface probe in the fluid recovery tank.

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 2021. The specific zones and period of operation are indicated in this table.

CONCRETE TRAP/SECONDARY SEEP MONITORING

During the first quarter of 2021, 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 26, 2021. WSP measured groundwater elevations and investigated the presence of PSH in all monitoring wells. No groundwater samples were collected, as proposed in the fourth quarter 2019, *Quarterly Remediation System Operation and Monitoring Report*. Groundwater sampling has been adjusted to a semiannual monitoring schedule, with the next groundwater sampling event scheduled for June 2021.

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 2021 (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 2021 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 2021 monitoring event. During the March 2021 monitoring event, remediation Zone 3 was active during sampling activities. A summary of measured depths to groundwater and PSH thickness is presented in Table 6. During the first quarter 2021 monitoring event, PSH was measurable in five monitoring wells. Measurable product thickness ranged from 0.02 feet. in MW-19 to 0.70 feet in MW-15.

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 frequency for air emission VOC sampling will remain the same in the second quarter of 2021. Sampling will continue to comply with the NMOCD Conditions of Approval.

During the second quarter of 2021, the following will be completed:

- Bi-weekly (every other week) system operation monitoring, including cycling operations between the four zones;
- During bi-weekly O&M visits, temporary operation of wells where LNAPL has been observed (Zone 5) 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 and MW-15 during site visits and free product recovery socks will be placed in the well in the interim;
- One influent air extraction sample per operational zone (excluding Zone 5), per quarter will be analyzed for BTEX and TPH; 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. A semiannual groundwater sampling event will be conducted during the second quarter 2021.

The results of the fluid elevation measurements will be reviewed, and system operational adjustments made based on these data. Groundwater monitoring results will be provided in the upcoming second quarter 2021 report.

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

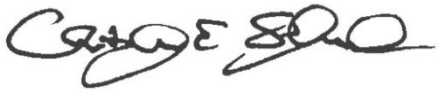
REPORTING

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 Monica Smith with Harvest at 505-632-4625 if you have any questions or concerns.

Kind regards,



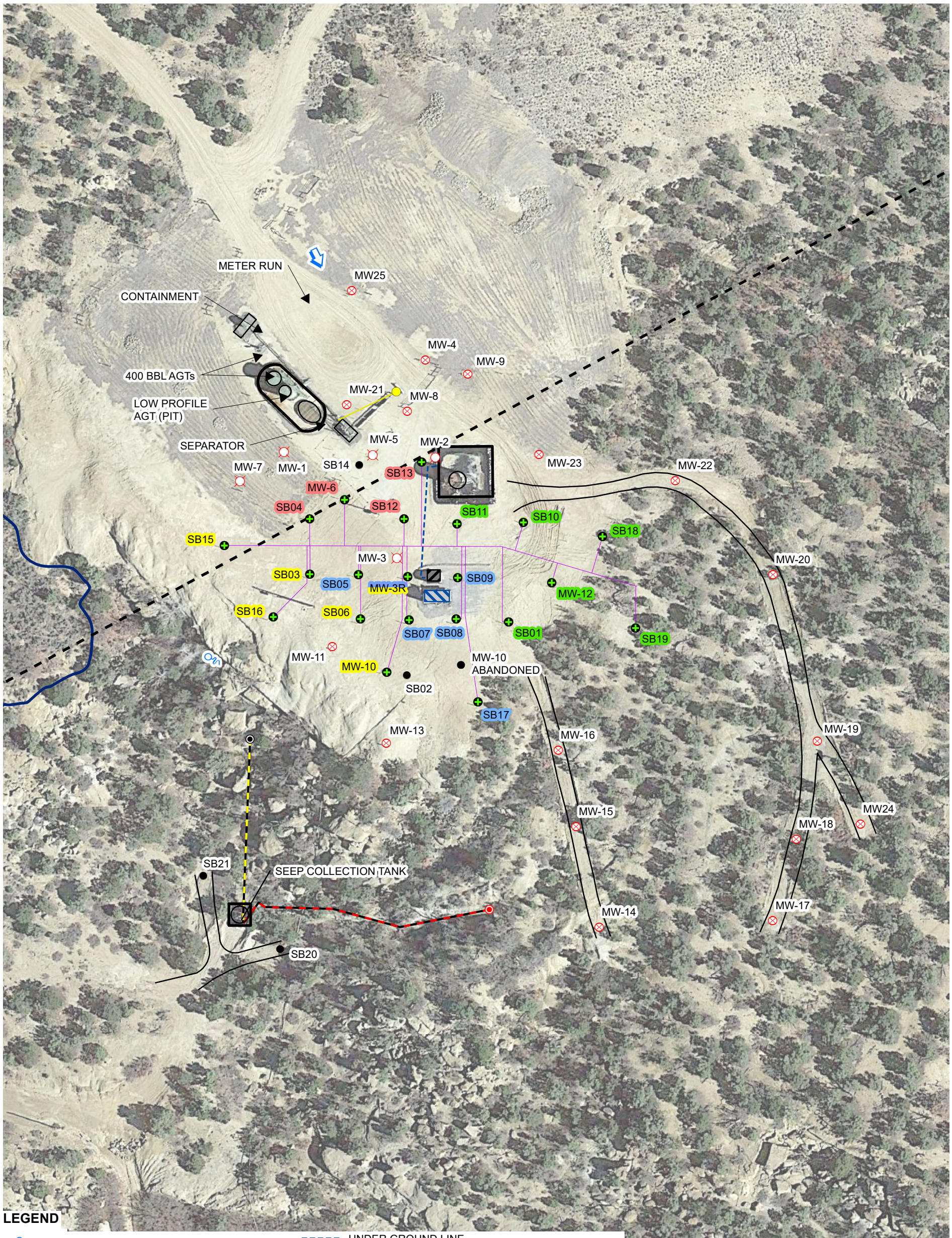
Danny Burns
Consultant Geologist

Christopher Shephard
Director, Environmental Engineer

cc: Monica Smith, Harvest Midstream

Encl.
Figure 1 - Remediation System Layout
Figure 2 – Groundwater Potentiometric Map March 2021
Table 1 – Remediation Systems Operational Run-Time
Table 2 – Extracted Air VOC Data – First Quarter 2021
Table 3 – Mass Removal Vapor Phase – First Quarter 2021
Table 4 – Fluid Recovery – First Quarter 2021
Table 5 – MPE Systems Operations – First Quarter 2021
Table 6 – Groundwater Elevation Summary
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 3/25/2021 ELEV: 6,472.75 PSH: NP
MW-21 3/25/2021 ELEV: 6,470.60 PSH: NP
MW-4* 3/25/2021 ELEV: NM PSH: NP
MW-8* 3/25/2021 ELEV: NM PSH: NP
MW-9* 3/25/2021 ELEV: NM PSH: NP
METER RUN
400 BBL AGTs
CONTAINMENT
LOW PROFILE AGT (PIT)
SEPARATOR
MW-1
MW-7
MW-5
MW-6* 3/25/2021 ELEV: NM PSH: NP
SB13 3/25/2021 ELEV: 6,469.52 PSH: NP
MW-23 3/25/2021 ELEV: 6,467.67 PSH: NP
MW-22 3/25/2021 ELEV: 6,466.48 PSH: NP
SB11 3/25/2021 ELEV: 6,474.16 PSH: NP
MW-2
45 BBL BGT
SB10 3/25/2021 ELEV: DRY PSH: NP
SB18 3/25/2021 ELEV: 6,470.49 PSH: NP
MW-20 3/25/2021 ELEV: 6,464.06 PSH: NP
SB04 3/25/2021 ELEV: 6,471.90 PSH: NP
SB15 3/25/2021 ELEV: 6,472.69 PSH: NP
SB12 3/25/2021 ELEV: DRY PSH: NP
MW-3
SB09 3/25/2021 ELEV: 6,471.12 PSH: NP
MW-12 3/25/2021 ELEV: 6,469.97 PSH: 0.09
SB01 3/25/2021 ELEV: 6,470.46 PSH: 0.09
SB19 3/25/2021 ELEV: 6,467.01 PSH: NP
SB08 3/25/2021 ELEV: 6,472.22 PSH: NP
SB16 3/25/2021 ELEV: 6,471.21 PSH: NP
SB03 3/25/2021 ELEV: 6,471.80 PSH: NP
MW-19 3/25/2021 ELEV: 6,461.42 PSH: 0.02
SB17 3/25/2021 ELEV: 6,470.70 PSH: NP
SB05 3/25/2021 ELEV: 6,473.30 PSH: NP
MW-16 3/25/2021 ELEV: 6,464.83 PSH: NP
MW-24 3/25/2021 ELEV: 6,461.07 PSH: NP
MW-3R 3/25/2021 ELEV: 6,471.79 PSH: NP
MW-10* 3/25/2021 ELEV: NM PSH: NP
MW-11 3/25/2021 ELEV: 6,466.56 PSH: NP
MW-15 3/25/2021 ELEV: 6,462.41 PSH: 0.70
MW-18 3/25/2021 ELEV: 6,461.32 PSH: NP
SB07 3/25/2021 ELEV: 6,470.36 PSH: 0.04
SB06 3/25/2021 ELEV: 6,470.92 PSH: NP
MW-14 3/25/2021 ELEV: 6,461.66 PSH: NP
MW-17 3/25/2021 ELEV: 6,461.20 PSH: NP
MW-13 3/25/2021 ELEV: 6,465.41 PSH: NP

6,472
6,468
6,470
6,466
6,464
6,462

LEGEND

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

INFERRED PRODUCT THICKNESS (FEET)

- 0.0 - 0.75

IMAGE COURTESY OF GOOGLE EARTH 2019

0 80 160
Feet

N

FIGURE 2
GROUNDWATER POTENTIOMETRIC MAP
(MARCH 2021)
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
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)

Date/Time of Reading	Blower Hour Meter Reading	Cumulative Run Time (%)	Quarterly Run Time (%)	Notes
5/4/18 9:00	42	START UP		
Earlier Data Provided in Previous Quarterly Reports				
12/18/2020 11:15	20,810	90%	100%	4th quarter groundwater sampling event
12/31/2020 11:20	21,120	90%	100%	
1/15/2021 11:00	21,479	90%	100%	Cleaned out P401 transfer pump
2/25/2021 12:00	22,182	90%	79%	Replaced float stem assembly, system had been shutting down consistenly previously
3/11/2021 11:36	22,477	90%	81%	Product in MW-15 and MW-19
3/19/2021 12:00	22,614	90%	80%	Troubleshoot float stem
3/26/2021 11:00	22,780	90%	81%	1st Quarter sampling event
		Average Q1 2021 Run Time	81%	

a/
% - percent
Dashed line indicates quarter change

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TABLE 2

EXTRACTED AIR VOC DATA - FIRST QUARTER 2021
FLORANCE GC J16A
SAN JUAN COUNTY, NEW MEXICO (a)

Collection Date:	**1/15/2021**	**3/11/2021**	**3/19/2021**	**3/26/2021**
Collection Time:	2:45	13:40	13:00	15:05
Active Remediation Zone:	4	1	2	3
Benzene (µg/L)	1.2	4.8	2.6	0.74
Toluene (µg/L)	4.4	75	5.1	4.2
Ethylbenzene (µg/L)	<0.20	20	<0.50	<0.20
Xylenes, Total (µg/L)	14	320	5.7	6.9
Gasoline Range Organics (GRO) (µg/L)	2,100	13,000	2,000	790
Total VOCs (µg/L):	19.6	419.8	13.4	11.84
PID Reading (ppm)	281	353	311	114

a/
GRO - gasoline range organics
µg/L - micrograms per liter
ppm - parts per million
PID - photo-ionizaton detector
VOCs - volatile organic compounds

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TABLE 3

MASS REMOVAL VAPOR PHASE - FIRST QUARTER 2021
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)

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)
12/31/20 12:50	4.2	3	294	309:10:00	18,550	31.0	4.9	2.403	0.439
1/15/21 14:45	281	4	464	361:55:00	21,715	1.7	0.3	0.109	0.020
3/11/21 13:40	353	1	184	1318:55:00	79,135	643.0	102.1	11.701	2.135
3/19/21 13:00	311	2	306	191:20:00	11,480	46.5	7.4	5.829	1.064
3/26/21 15:05	114	3	306	170:05:00	10,205	60.5	9.6	8.541	1.559
Total Quantity of Hydrocarbon VOC Removed 1st Quarter 2020				752	lbs	119.3	gal	2.8	bbl
Total Quantity of Hydrocarbon VOC Removed Since Start-up May 2018				3,431	lbs	634.7	gal	15.1	bbl

a/

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

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TABLE 4

FLUID RECOVERY - FIRST QUARTER 2021
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)

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)	
12/31/20 0:00	21,120	224,668	4,336	251,968		300:45:00	18,045	0.24	346	
1/15/21 11:00	21,479	232,645	7,977	259,945	6,720	371:00:00	22,260	0.36	516	2 loads removed
3/11/21 11:36	22,477	235,608	2,963	262,908		1320:36:00	79,236	0.04	54	
3/19/21 12:00	22,614	238,575	2,967	265,875	3,360	192:24:00	11,544	0.26	370	1 load removed
3/26/21 11:00	22,780	239,832	1,257	267,132		167:00:00	10,020	0.13	181	

a/

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:	267,132	Gal
	6,360	bbl

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TABLE 5

MPE SYSTEM OPERATIONS - FIRST QUARTER 2021
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)

Well ID Active Zone		Date	1/15/2021 4	3/11/2021 1	3/19/2021 2	3/26/2021 3
MW-06	WH Vac (Online)	inHg		12.5		
Zone 1	WH Vac (Offline)	inH2O				
	Mani Vac	inHg		15.0		
	PID	ppm		11		
	Flow	scfm		30		
SB-04	WH Vac (Online)	inHg		14.5		
Zone 1	WH Vac (Offline)	inH2O				
	Mani Vac	inHg		16.0		
	PID	ppm		34		
	Flow	scfm		56		
SB-12	WH Vac (Online)	inHg		11.5		
Zone 1	WH Vac (Offline)	inH2O				
	Mani Vac	inHg		16.0		
	PID	ppm		9		
	Flow	scfm		58		
SB-13	WH Vac (Online)	inHg		14.5		
Zone 1	WH Vac (Offline)	inH2O				
	Mani Vac	inHg		15.0		
	PID	ppm		14		
	Flow	scfm		40		

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TABLE 5

MPE SYSTEM OPERATIONS - FIRST QUARTER 2021
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)

Well ID Active Zone		Date	1/15/2021 4	3/11/2021 1	3/19/2021 2	3/26/2021 3
MW-12	WH Vac (Online)	inHg			15.0	
Zone 2	WH Vac (Offline)	inH2O				
	Mani Vac	inHg			15.0	
	PID	ppm			178	
	Flow	scfm			30	
SB-01	WH Vac (Online)	inHg			8.0	
Zone 2	WH Vac (Offline)	inH2O				
	Mani Vac	inHg			12.5	
	PID	ppm			89	
	Flow	scfm			62	
SB-10	WH Vac (Online)	inHg			12.0	
Zone 2	WH Vac (Offline)	inH2O				
	Mani Vac	inHg			15.5	
	PID	ppm			83	
	Flow	scfm			40	
SB-11	WH Vac (Online)	inHg			14.0	
Zone 2	WH Vac (Offline)	inH2O				
	Mani Vac	inHg			15.5	
	PID	ppm			103	
	Flow	scfm			58	
SB-18	WH Vac (Online)	inHg			13.0	
Zone 2	WH Vac (Offline)	inH2O				
	Mani Vac	inHg			16.0	
	PID	ppm			188	
	Flow	scfm			50	
SB-19	WH Vac (Online)	inHg			14.5	
Zone 2	WH Vac (Offline)	inH2O				
	Mani Vac	inHg			15.0	
	PID	ppm			392	
	Flow	scfm			66	

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TABLE 5

MPE SYSTEM OPERATIONS - FIRST QUARTER 2021
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)

Well ID		Date	1/15/2021	3/11/2021	3/19/2021	3/26/2021
Active Zone			4	1	2	3
MW-3R	WH Vac (Online)	inHg				13.5
Zone 3	WH Vac (Offline)	inH2O				
	Mani Vac	inHg				16.0
	PID	ppm				93
	Flow	scfm				64
MW-10	WH Vac (Online)	inHg				15.0
Zone 3	WH Vac (Offline)	inH2O				
	Mani Vac	inHg				15.0
	PID	ppm				32
	Flow	scfm				12
SB-03	WH Vac (Online)	inHg				13.0
Zone 3	WH Vac (Offline)	inH2O				
	Mani Vac	inHg				16.0
	PID	ppm				36
	Flow	scfm				46
SB-06	WH Vac (Online)	inHg				14.5
Zone 3	WH Vac (Offline)	inH2O				
	Mani Vac	inHg				16.0
	PID	ppm				16
	Flow	scfm				52
SB-15	WH Vac (Online)	inHg				15.0
Zone 3	WH Vac (Offline)	inH2O				
	Mani Vac	inHg				15.5
	PID	ppm				10
	Flow	scfm				58
SB-16	WH Vac (Online)	inHg				16.0
Zone 3	WH Vac (Offline)	inH2O				
	Mani Vac	inHg				15.0
	PID	ppm				11
	Flow	scfm				74

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TABLE 5

MPE SYSTEM OPERATIONS - FIRST QUARTER 2021
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)

Well ID Active Zone		Date	1/15/2021 4	3/11/2021 1	3/19/2021 2	3/26/2021 3
MW-3R	WH Vac (Online)	inHg	14.0			
Zone 4	WH Vac (Offline)	inH2O				
	Mani Vac	inHg	15.0			
	PID	ppm	189			
	Flow	scfm	100			
SB-05	WH Vac (Online)	inHg	9.0			
Zone 4	WH Vac (Offline)	inH2O				
	Mani Vac	inHg	17.0			
	PID	ppm	61			
	Flow	scfm	50			
SB-07	WH Vac (Online)	inHg	14.0			
Zone 4	WH Vac (Offline)	inH2O				
	Mani Vac	inHg	15.0			
	PID	ppm	185			
	Flow	scfm	80			
SB-08	WH Vac (Online)	inHg	8.5			
Zone 4	WH Vac (Offline)	inH2O				
	Mani Vac	inHg	15.0			
	PID	ppm	230			
	Flow	scfm	64			
SB-09	WH Vac (Online)	inHg	13.0			
Zone 4	WH Vac (Offline)	inH2O				
	Mani Vac	inHg	15.0			
	PID	ppm	274			
	Flow	scfm	100			
SB-17	WH Vac (Online)	inHg	13.0			
Zone 4	WH Vac (Offline)	inH2O				
	Mani Vac	inHg	15.0			
	PID	ppm	121			
	Flow	scfm	70			

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TABLE 5

MPE SYSTEM OPERATIONS - FIRST QUARTER 2021
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)

Well ID		Date	1/15/2021	3/11/2021	3/19/2021	3/26/2021
Active Zone			4	1	2	3
Well Field						
	Total Flow in Active Zone	scfm	464	184	306	306

a/
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
*** The flow sensor at the MS Inlet and for the dilution flow do not account for the density of the air or the water entrained, and are anticipated to read low.

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TABLE 6

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

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
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
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

TABLE 6

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

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)
SB04	3/5/2020	6,499.61	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
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
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
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

TABLE 6

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

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	9/17/2018	6,500.29	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
	12/17/2020		29.72	NP	NP	6,470.57
	3/25/2021		29.96	29.92	0.04	6,470.36
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
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
	6/4/2020		32.57	NP	NP	6,471.61

TABLE 6

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

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	9/17/2020	6,504.18	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
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
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
	12/5/2019		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
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

TABLE 6

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

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)
SB12	4/8/2019	6,508.42	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
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
	4/8/2019		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
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

TABLE 6

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

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)
SB15	12/17/2020	6,494.31	DRY	NP	NP	DRY
	3/25/2021		21.62	NP	NP	6,472.69
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
	9/17/2018		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
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	-21.87
SB18	5/20/2017	6,506.38	40.92	40.89	0.03	6,465.48
	6/15/2017		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

TABLE 6

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

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	6/13/2019	6,506.38	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
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
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

TABLE 6

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

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-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	--
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	--
	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	--
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	--
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	--

TABLE 6

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

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*	6/4/2020	--	44.14	NP	NP	--
	9/17/2020		44.65	NP	NP	--
	12/17/2020		45.08	NP	NP	--
	3/25/2021		45.42	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	--
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
	6/4/2020		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
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

TABLE 6

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

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-12	4/8/2019	6,503.57	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
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
	12/5/2019		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
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
MW-15	5/20/2017	6,478.37	14.58	NP	NP	6,463.79

TABLE 6

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

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	6/14/2017	6,478.37	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
	12/5/2019		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
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
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
	9/19/2019		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

TABLE 6

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

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	6/4/2020	6,483.30	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
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
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
	9/19/2019		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
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

TABLE 6

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

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-20	9/19/2019	6,493.38	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
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
	9/19/2019		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
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
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

TABLE 6

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

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	12/20/2018	6,505.95	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
	9/19/2019		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
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
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
	9/17/2020		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

(a)
AMSL - above mean sea level
BTOC - below top of casing

TABLE 6

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

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)

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

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 21, 2021

Danny Burns

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

RE: Florance GC J 16A OrderNo.: 2101639

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 1 sample(s) on 1/16/2021 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 **2101639**
Date Reported: **1/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: Influent Zone 04
Project: Florance GC J 16A
Collection Date: 1/15/2021 2:45:00 PM
Lab ID: 2101639-001 **Matrix:** AIR
Received Date: 1/16/2021 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	2100	25		µg/L	5	1/20/2021 10:19:15 AM	G74750
Surr: BFB	384	28.9-257	S	%Rec	5	1/20/2021 10:19:15 AM	G74750
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	1.2	0.20		µg/L	2	1/20/2021 9:31:59 AM	B74750
Toluene	4.4	0.20		µg/L	2	1/20/2021 9:31:59 AM	B74750
Ethylbenzene	ND	0.20		µg/L	2	1/20/2021 9:31:59 AM	B74750
Xylenes, Total	14	0.40		µg/L	2	1/20/2021 9:31:59 AM	B74750
Surr: 4-Bromofluorobenzene	130	79.9-124	S	%Rec	2	1/20/2021 9:31:59 AM	B74750

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	Value above quantitation range
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

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: **2101639** RcptNo: 1

Received By: **Isaiah Ortiz** **1/16/2021 9:15:00 AM** I-Ox

Completed By: **Isaiah Ortiz** **1/16/2021 10:21:56 AM** I-Ox

Reviewed By: IJF 1/16/2021

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 ☑ IO
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: 1/16/21 (<2 or >12 unless noted)

Adjusted?

Checked by:

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**

Released to Imaging: 11/29/2022 10:27:30 AM
Received by OCD: 4/30/2021 12:43:54 PM

Chain-of-Custody Record

Client: Harvest Midstream
Attn: Monica Smith
Mailing Address:
Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other
☐ EDD (Type) PDF

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: Florance GC J16A
Project #:
Project Manager: WSP - Danny Burns 701-570 4727
Sampler: D. Burns
On Ice: ☑ Yes ☐ No
Sample Temperature:

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 Request ID	Container Type and #	Preservative Type	HEAL No. 2101639	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
1-15-21	1445	Air	Influent Zone 04	1-Tedlar	—	001		X	X													

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Date	Time
1-15-21	1545				
1/15/21	1746	Chant Ward	T-Cooper	1/16/21	0915

Remarks: BTEX & TPH
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 15, 2021

Danny Burns

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

RE: Florance GC J 16A OrderNo.: 2103632

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/12/2021 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 **2103632**
Date Reported: **3/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: Zone 1 Influent
Project: Florance GC J 16A
Collection Date: 3/11/2021 1:40:00 PM
Lab ID: 2103632-001 **Matrix:** AIR
Received Date: 3/12/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	13000	250		µg/L	50	3/12/2021 2:45:36 PM	A75901
Surr: BFB	332	28.9-257	S	%Rec	50	3/12/2021 2:45:36 PM	A75901
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	4.8	0.50		µg/L	5	3/12/2021 1:58:10 PM	C75901
Toluene	75	5.0		µg/L	50	3/12/2021 2:45:36 PM	C75901
Ethylbenzene	20	0.50		µg/L	5	3/12/2021 1:58:10 PM	C75901
Xylenes, Total	320	10		µg/L	50	3/12/2021 2:45:36 PM	C75901
Surr: 4-Bromofluorobenzene	101	79.9-124		%Rec	50	3/12/2021 2:45:36 PM	C75901

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	Value above quantitation range
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		

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: **2103632** RcptNo: 1

Received By: **Sean Livingston** **3/12/2021 8:35:00 AM** Sean Livingston

Completed By: **Sean Livingston** **3/12/2021 9:14:26 AM** Sean Livingston

Reviewed By: ENM 3/12/21

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 Not required Yes ☐ No ☑ NA ☐
5. Sample(s) in proper container(s)? Not required 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 ☑ TO
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: 3/12/21 (<2 or >12 unless noted)

Adjusted?

Checked by:

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				

Released to Imaging: 11/29/2022 10:27:30 AM
Received by OCD: 4/30/2021 12:43:54 PM

Chain-of-Custody Record

Client: Harvest Four Corners

Monica Sandavol

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☒ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ **Rush** _____

Project Name: Florance GCJ 164

Project #:

Project Manager: Danny Burns

Sampler: E. Carroll

On Ice: ☐ Yes ☒ No

Sample Temperature: NA

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 Request ID	Container Type and #	Preservative Type	HEAL No. 2103632	~~BTEX + MTBE + TMB's (8021)~~	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
3-11-21	13:40	Air	Zone 1 Influent	1 Tedlar		001	X		X													

Date:	Time:	Relinquished by:	Received by:	Date	Time
3-11-21	1435	Eric Carroll	Chris Walls	3/11/21	1435
3/11/21	1747	Christine Walls	SGL courier	3/12/21	8:35

Remarks:

please 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

April 06, 2021

Monica Sandoval

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

RE: Florance GC J 16A OrderNo.: 2103C93

Dear Monica Sandoval:

Hall Environmental Analysis Laboratory received 2 sample(s) on 3/27/2021 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 **2103C93**
Date Reported: **4/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: Zone 2 Influent
Project: Florance GC J 16A
Collection Date: 3/19/2021 1:00:00 PM
Lab ID: 2103C93-001 **Matrix:** AIR
Received Date: 3/27/2021 8:40:00 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	3/31/2021 8:06:29 AM	B76338
Surr: BFB	159	37.3-213		%Rec	5	3/31/2021 8:06:29 AM	B76338
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	2.6	0.50		µg/L	5	3/31/2021 8:06:29 AM	D76338
Toluene	5.1	0.50		µg/L	5	3/31/2021 8:06:29 AM	D76338
Ethylbenzene	ND	0.50		µg/L	5	3/31/2021 8:06:29 AM	D76338
Xylenes, Total	5.7	1.0		µg/L	5	3/31/2021 8:06:29 AM	D76338
Surr: 4-Bromofluorobenzene	100	80-120		%Rec	5	3/31/2021 8:06:29 AM	D76338

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2103C93**
Date Reported: **4/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: Zone 3 Influent
Project: Florance GC J 16A
Collection Date: 3/26/2021 3:05:00 PM
Lab ID: 2103C93-002 **Matrix:** AIR
Received Date: 3/27/2021 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	790	10		µg/L	2	3/31/2021 8:30:01 AM	B76338
Surr: BFB	250	37.3-213	S	%Rec	2	3/31/2021 8:30:01 AM	B76338
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.74	0.20		µg/L	2	3/31/2021 8:30:01 AM	D76338
Toluene	4.2	0.20		µg/L	2	3/31/2021 8:30:01 AM	D76338
Ethylbenzene	ND	0.20		µg/L	2	3/31/2021 8:30:01 AM	D76338
Xylenes, Total	6.9	0.40		µg/L	2	3/31/2021 8:30:01 AM	D76338
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	2	3/31/2021 8:30:01 AM	D76338

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

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Sample Log-In Check List

Client Name: **Harvest** Work Order Number: **2103C93** RcptNo: **1**

Received By: **Cheyenne Cason** **3/27/2021 8:40:00 AM**

Completed By: **Desiree Dominguez** **3/29/2021 8:48:07 AM** DD

Reviewed By: JR 3/29/21

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 ☐	

10. IO 3/29/21

# of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by:

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			

Released to Imaging: 11/29/2022 10:27:30 AM

Received by OCD: 4/30/2021 12:43:54 PM

Chain-of-Custody Record

Client: Harvest Four Corners
Monica Sandoval
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 GCU 164
Project #:
Project Manager: Danny Burns - WSP
Sampler: Eric Carroll
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): ~~0.0~~ 1.4-0.2=1.7 (°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. 2103C93	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)
3/19	13:00	Air	Zone 2 influent	1 Tedlar	n/A	-001	X	X								
3/26	15:05	Air	Zone 3 influent	1	"	-002	X	X								

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
3/26	16:11	Eric Carroll	[illegible] Wade		3/26/21	1611
3/26/21	1754	[illegible] Wade	[illegible]	com	3/27/21	0840

Remarks:
Please cc: Daniel.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.

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 26461

CONDITIONS

Operator:	OGRID:
Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	373888
	Action Number: 26461
	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