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VIA ELECTRONIC MAIL

January 27, 2021

Mr. Cory Smith
Environmental Specialist
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**

Dear Mr. Smith:

The following report provides a quarterly summary of remediation system operation and monitoring (O&M) completed during the fourth quarter of 2020 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 October 1, 2020, through December 31, 2020. 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 quarterly 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

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approximately one hour during site visits 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 fourth quarter 2020. 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 December 31, 2020.

VAPOR RECOVERY

The run time for the remediation system listed in Table 1 indicates an average run time for the fourth quarter of 100 percent (%), with a cumulative overall run time of 90%. 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 fourth quarter of 2020 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 2,679 pounds (lbs) of regulated volatile organic compounds (VOCs). During the fourth quarter 2020, the calculated mass removal rate based on VOC data varied from 0.110 lbs per day to 2.403 lbs per day. A total of 63 lbs of regulated VOCs were removed during the fourth quarter of 2020 through December 31, 2020.

FLUID RECOVERY

Fluid recovery efforts are summarized in Table 4. During the fourth quarter of 2020, total fluid recovery was measured using a flow metering device. Since startup of the system on May 4, 2018, through December 31, 2020, approximately 251,968 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 fourth quarter of 2020. The specific zones and period of operation are indicated in this table.

CONCRETE TRAP/SECONDARY SEEP MONITORING

During the fourth quarter of 2020, 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 December 17 and 18, 2020. WSP measured groundwater elevations and investigated the presence of PSH in all monitoring wells. Groundwater samples were collected following the sampling schedule proposed in the fourth quarter 2019, *Quarterly Remediation System Operation and Monitoring Report*. Groundwater samples were not collected from monitoring wells where measurable PSH was detected.

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 December 2020 (Figure 2). Contours were inferred based on groundwater elevations obtained and observations of physical characteristics at the Site (topography, proximity to springs, etc.).

GROUNDWATER SAMPLING

Groundwater samples were collected from monitoring wells that did not contain PSH. Groundwater samples were submitted under strict chain-of-custody protocol to Hall for analyses of BTEX by EPA Method 8021B. Groundwater samples were collected using the volume of water in the monitoring wells to calculate a minimum of three well casing volumes of groundwater and the calculated volume was purged from each well using a new disposable polyethylene bailer, or until the well was purged dry. WSP used a YSI 556 hand-held multi-probe water quality field meter to record pH, electric conductivity (EC), and temperature of the groundwater during purging. Monitoring wells were purged until these properties stabilized, or until the well was purged dry.

RESULTS

Groundwater elevations measured during the monitoring event in December 2020 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 December 2020 monitoring event. During the December 2020 monitoring event, remediation Zone 1 was active during sampling activities. A summary of measured depths to groundwater and PSH thickness is presented in Table 6. During the fourth quarter 2020 monitoring event, PSH was measurable in six monitoring wells. Measurable product thickness ranged from 0.02 ft. in SB08 and SB09 to 1.14 ft. in MW-15.

A total of 7 groundwater samples were collected from the following monitoring wells: MW-14, MW-18, MW-20, MW-21, MW-23, MW-24, and MW-25. Laboratory analytical results did not exceed the New Mexico Water Quality Control Commission (NMWQCC) standards for any constituent of BTEX during the December 2020 sampling event in any sampled monitoring well.

Table 7 summarizes groundwater analytical results and Figure 3 depicts groundwater analytical results for the December 2020 monitoring events. Laboratory analytical reports are included as Attachment 1.



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 first quarter of 2021. Sampling will continue to comply with the NMOCD Conditions of Approval.

During the first 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

A groundwater monitoring event will be conducted on a quarterly basis and periodic fluid elevation measurements 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. Groundwater monitoring results will be provided in the upcoming first 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,

A blue ink signature of Danny Burns, written in a cursive style.

Danny Burns
Consultant Geologist

A black ink signature of Christopher Shephard, written in a cursive style.

Christopher Shephard
Director, Environmental Engineer

cc: Monica Smith, Harvest Midstream

Encl.

Figure 1 - Remediation System Layout

Figure 2 – Groundwater Potentiometric Map December 2020

Figure 3 – Groundwater Analytical Results December 2020

Table 1 – Remediation Systems Operational Run-Time

Table 2 – Extracted Air VOC Data – Fourth Quarter 2020

Table 3 – Mass Removal Vapor Phase – Fourth Quarter 2020

Table 4 – Fluid Recovery – Fourth Quarter 2020

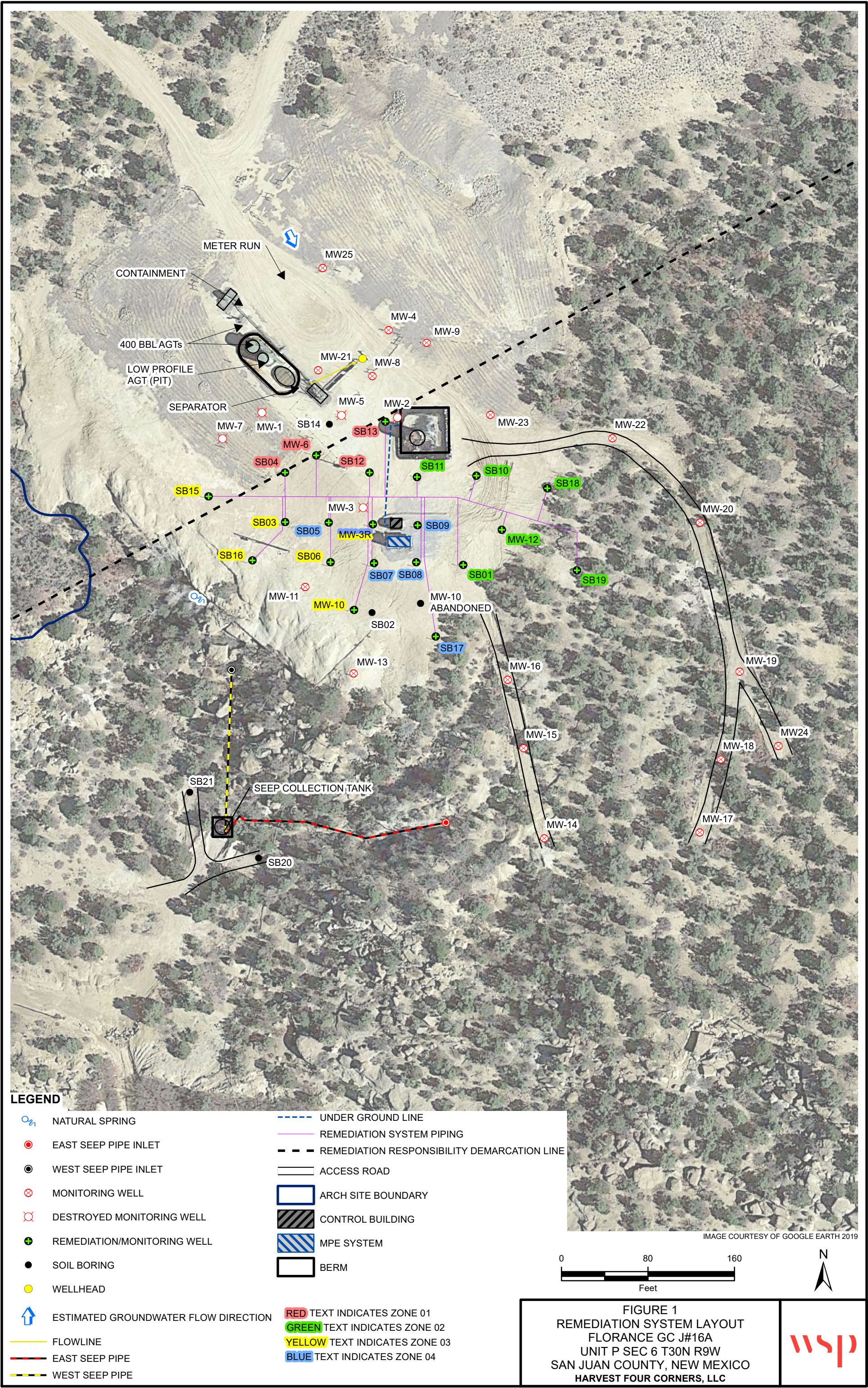
Table 5 – MPE Systems Operations – Fourth Quarter 2020

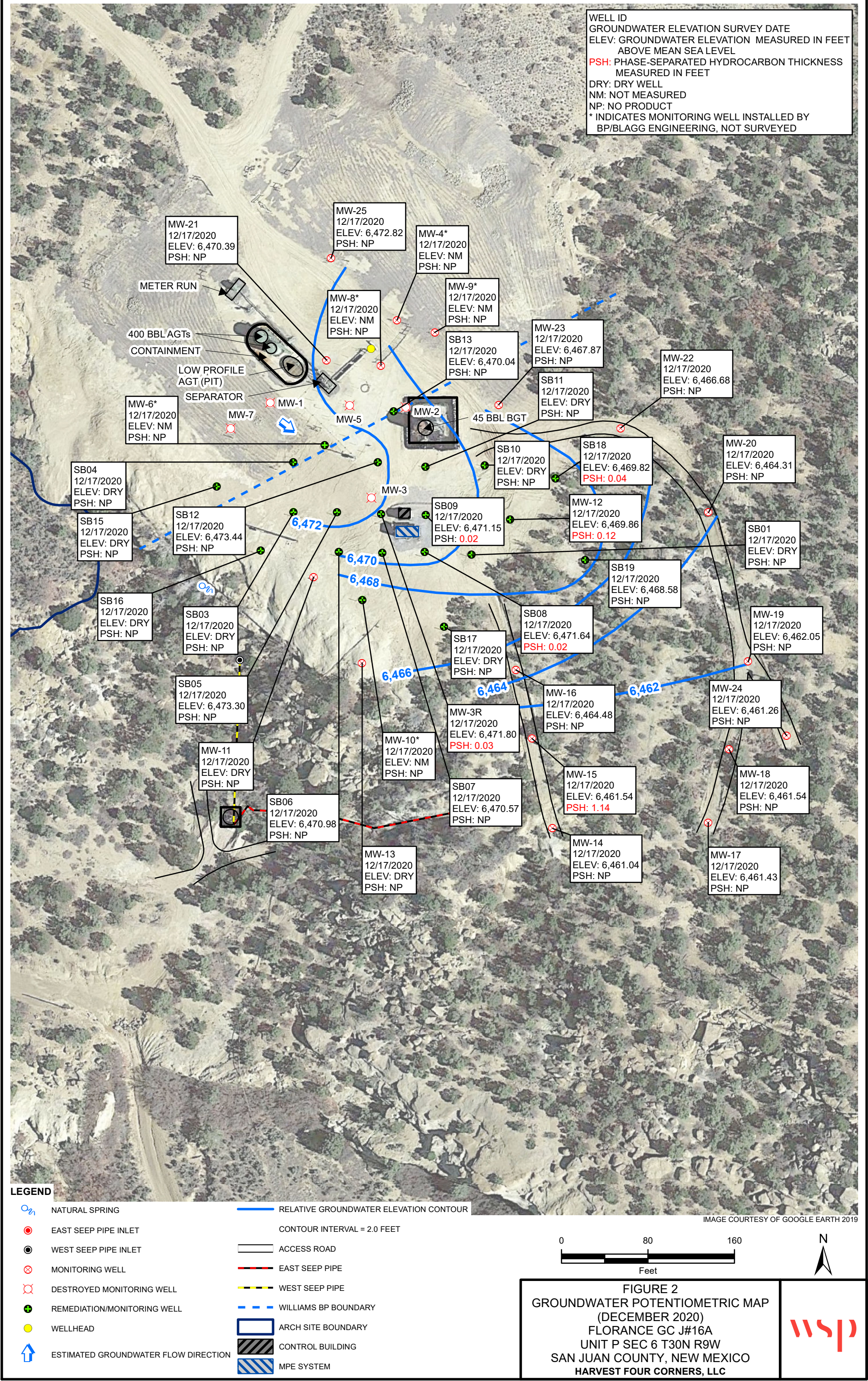
Table 6 – Groundwater Elevation Summary

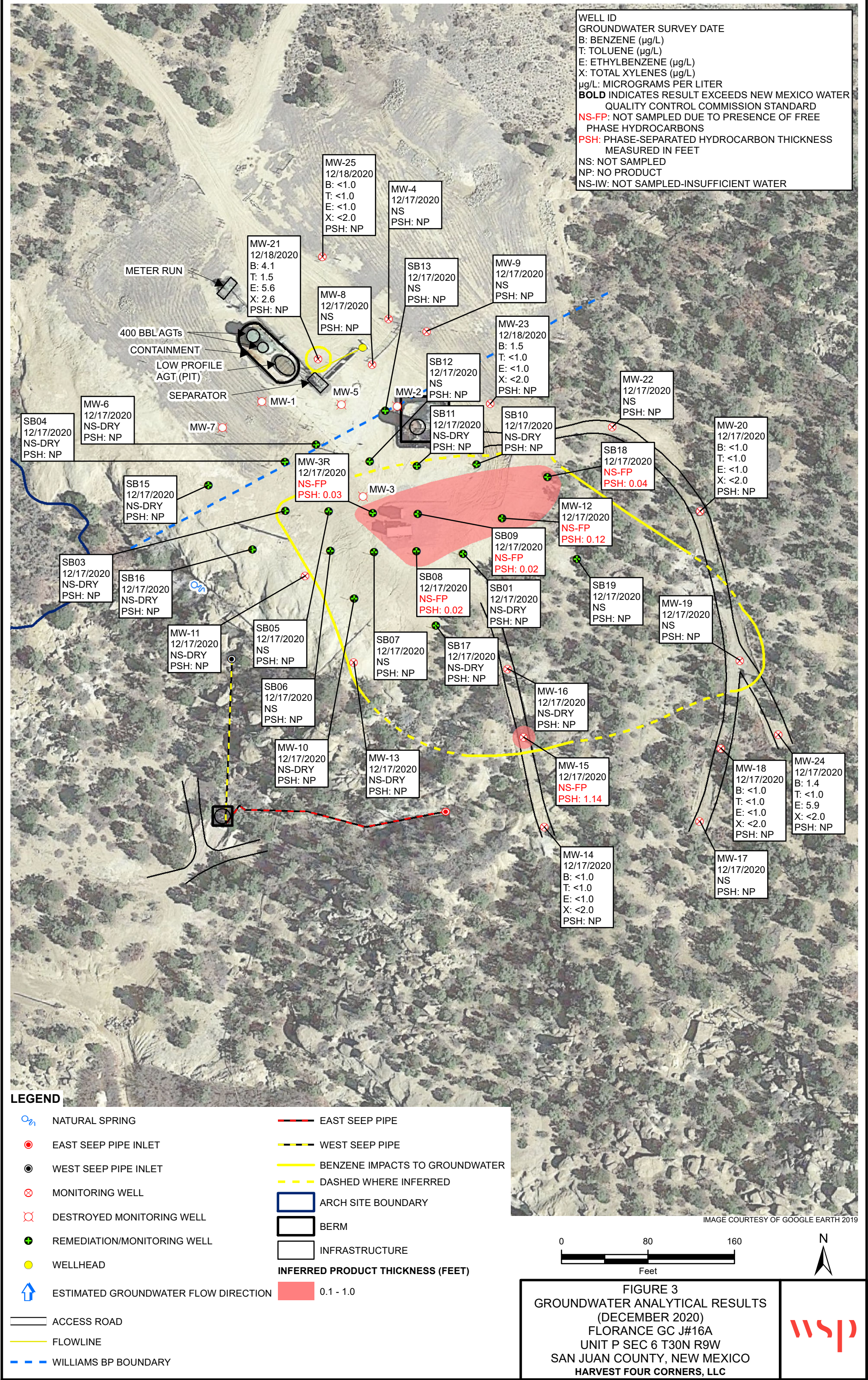
Table 7 – Groundwater Analytical Results

Enclosure A – Laboratory Analytical Reports

FIGURES







TABLES

TABLE 1

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

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				
9/29/2020 12:30	18,895	89%	100%	Replace tubing to P-401
10/23/2020 11:15	19,466	90%	99%	Replace stinger in SB-18
11/13/2020 13:00	19,972	90%	100%	PWR 8201 alarm active
12/8/2020 13:30	20,573	90%	100%	Added 5 feet to MW06
12/18/2020 11:15	20,810	90%	100%	4th quarter groundwater sampling event
12/31/2020 11:20	21,120	90%	100%	
Average Q4 2020 Run Time			100%	

% - percent

Dashed line indicates quarter change

TABLE 2

EXTRACTED AIR VOC DATA - FOURTH QUARTER 2020
FLORANCE GC J16A
SAN JUAN COUNTY, NEW MEXICO

Collection Date:	10/23/2020	11/13/2020	12/8/2020	12/18/2020
Collection Time:	13:52	16:20	16:40	15:40
Active Remediation Zone:	3	4	1	2
Benzene (µg/L)	<0.10	<1.2	<0.10	3.0
Toluene (µg/L)	0.95	0.93	1.4	23
Ethylbenzene (µg/L)	<0.10	<0.50	<0.10	4.7
Xylenes, Total (µg/L)	3.2	6.1	4	61
Gasoline Range Organics (GRO) (µg/L)	580	1300	890	4700
Total VOCs (µg/L):	4.15	7.03	5.4	91.7
PID Reading (ppm)	139	220	182	647

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 - FOURTH QUARTER 2020
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)
9/29/20 0:00	32.1	2	324	250:45:00	15,045	1.8	0.3	0.170	0.031
10/23/20 13:30	4.2	3	298	589:30:00	35,370	22.9	3.6	0.933	0.170
11/13/20 15:30	7.0	4	382	506:00:00	30,360	2.3	0.4	0.111	0.020
12/8/20 15:10	5.4	1	228	599:40:00	35,980	6.0	1.0	0.241	0.044
12/18/20 15:40	91.7	2	292	240:30:00	14,430	1.1	0.2	0.110	0.020
12/31/20 12:50	4.2	3	294	309:10:00	18,550	31.0	4.9	2.403	0.439
Total Quantity of Hydrocarbon VOC Removed 4th Quarter 2020				63	lbs	10.1	gal	0.2	bbl
Total Quantity of Hydrocarbon VOC Removed Since Start-up May 2018				2,679	lbs	515.4	gal	12.3	bbl

bbl - barrel

gal - gallons

g/cm³ - grams per cubic centimeter

hr - hour

lbs - pounds

lbs/day - pounds per day

mg/m³ - milligrams per cubic meter

min - minute

scfm - standard cubic foot per minute

sec - second

ton/yr - ton per year

VOCs - volatile organic compounds

yr - year

Dashed line indicates a quarter change

TABLE 4

FLUID RECOVERY - FOURTH QUARTER 2020

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)	
9/29/20 12:30	18,895	195,829	7,774	223,129	6,720	265:45:00	15,945	0.49	702	2 loads removed
10/23/20 11:51	19,466	201,478	5,649	228,778	6,720	575:21:00	34,521	0.16	236	2 loads removed
11/13/20 13:00	19,972	208,374	6,896	235,674	6,720	505:09:00	30,309	0.23	328	2 loads removed
12/8/20 13:30	20,573	212,818	4,444	240,118	6,720	600:30:00	36,030	0.12	178	2 loads removed
12/18/20 11:15	20,810	220,332	7,514	247,632	6,720	237:45:00	14,265	0.53	759	2 loads removed
12/31/20 0:00	21,120	224,668	4,336	251,968		300:45:00	18,045	0.24	346	

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: 251,968 Gal

5,999 bbl

TABLE 5

MPE SYSTEM OPERATIONS - FOURTH QUARTER 2020
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well ID		Date	10/23/2020	11/13/2020	12/8/2020	12/18/2020	12/31/2020
Active Zone			3	4	1	2	3
MW-06	WH Vac (Online)	inHg			17.5		
Zone 1	WH Vac (Offline)	inH2O					
	Mani Vac	inHg			15.0		
	PID	ppm			31		
	Flow	scfm			18		
SB-04	WH Vac (Online)	inHg			14.0		
Zone 1	WH Vac (Offline)	inH2O					
	Mani Vac	inHg			17.5		
	PID	ppm			71		
	Flow	scfm			72		
SB-12	WH Vac (Online)	inHg			15.0		
Zone 1	WH Vac (Offline)	inH2O					
	Mani Vac	inHg			17.0		
	PID	ppm					
	Flow	scfm			74		
SB-13	WH Vac (Online)	inHg					
Zone 1	WH Vac (Offline)	inH2O					
	Mani Vac	inHg			17.0		
	PID	ppm			40		
	Flow	scfm			64		

TABLE 5

MPE SYSTEM OPERATIONS - FOURTH QUARTER 2020

FLORANCE GCJ #16A

SAN JUAN COUNTY, NEW MEXICO

Well ID		Date	10/23/2020	11/13/2020	12/8/2020	12/18/2020	12/31/2020
Active Zone			3	4	1	2	3
MW-12	WH Vac (Online)	inHg				15.0	
Zone 2	WH Vac (Offline)	inH2O					
	Mani Vac	inHg				14.5	
	PID	ppm				382	
	Flow	scfm				30	
SB-01	WH Vac (Online)	inHg				17.0	
Zone 2	WH Vac (Offline)	inH2O					
	Mani Vac	inHg				18.0	
	PID	ppm				464	
	Flow	scfm				52	
SB-10	WH Vac (Online)	inHg				10.0	
Zone 2	WH Vac (Offline)	inH2O					
	Mani Vac	inHg				15.0	
	PID	ppm				42	
	Flow	scfm				44	
SB-11	WH Vac (Online)	inHg				14.5	
Zone 2	WH Vac (Offline)	inH2O					
	Mani Vac	inHg				15.0	
	PID	ppm				55	
	Flow	scfm				56	
SB-18	WH Vac (Online)	inHg				8.0	
Zone 2	WH Vac (Offline)	inH2O					
	Mani Vac	inHg				8.0	
	PID	ppm				108	
	Flow	scfm				42	
SB-19	WH Vac (Online)	inHg				13.5	
Zone 2	WH Vac (Offline)	inH2O					
	Mani Vac	inHg				13.5	
	PID	ppm				367	
	Flow	scfm				68	

TABLE 5

MPE SYSTEM OPERATIONS - FOURTH QUARTER 2020

FLORANCE GCJ #16A

SAN JUAN COUNTY, NEW MEXICO

Well ID		Date	10/23/2020	11/13/2020	12/8/2020	12/18/2020	12/31/2020
Active Zone			3	4	1	2	3
MW-3R	WH Vac (Online)	inHg	13.0				14.0
Zone 3	WH Vac (Offline)	inH2O					
	Mani Vac	inHg	15.0				15.0
	PID	ppm	303				31
	Flow	scfm	70				66
MW-10	WH Vac (Online)	inHg					
Zone 3	WH Vac (Offline)	inH2O					
	Mani Vac	inHg	14.0				
	PID	ppm					
	Flow	scfm	0				0
SB-03	WH Vac (Online)	inHg	14.5				14.5
Zone 3	WH Vac (Offline)	inH2O					
	Mani Vac	inHg	14.5				14.5
	PID	ppm	114				123
	Flow	scfm	56				56
SB-06	WH Vac (Online)	inHg	15.0				15.0
Zone 3	WH Vac (Offline)	inH2O					
	Mani Vac	inHg	15.0				15.0
	PID	ppm	63				65
	Flow	scfm	44				48
SB-15	WH Vac (Online)	inHg	13.5				13.5
Zone 3	WH Vac (Offline)	inH2O					
	Mani Vac	inHg	14.5				14.5
	PID	ppm	14				11
	Flow	scfm	68				62
SB-16	WH Vac (Online)	inHg	15.5				15.5
Zone 3	WH Vac (Offline)	inH2O					
	Mani Vac	inHg	15.0				15.0
	PID	ppm	12				10
	Flow	scfm	60				62

TABLE 5

MPE SYSTEM OPERATIONS - FOURTH QUARTER 2020

FLORANCE GCJ #16A

SAN JUAN COUNTY, NEW MEXICO

Well ID		Date	10/23/2020	11/13/2020	12/8/2020	12/18/2020	12/31/2020
Active Zone			3	4	1	2	3
MW-3R	WH Vac (Online)	inHg		12.5			
Zone 4	WH Vac (Offline)	inH2O					
	Mani Vac	inHg		15.0			
	PID	ppm		295			
	Flow	scfm		52			
SB-05	WH Vac (Online)	inHg		10.0			
Zone 4	WH Vac (Offline)	inH2O					
	Mani Vac	inHg		14.5			
	PID	ppm		101			
	Flow	scfm		62			
SB-07	WH Vac (Online)	inHg		14.0			
Zone 4	WH Vac (Offline)	inH2O					
	Mani Vac	inHg		14.5			
	PID	ppm		247			
	Flow	scfm		48			
SB-08	WH Vac (Online)	inHg		9.0			
Zone 4	WH Vac (Offline)	inH2O					
	Mani Vac	inHg		15.0			
	PID	ppm		254			
	Flow	scfm		68			
SB-09	WH Vac (Online)	inHg		11.0			
Zone 4	WH Vac (Offline)	inH2O					
	Mani Vac	inHg		15.0			
	PID	ppm		404			
	Flow	scfm		90			
SB-17	WH Vac (Online)	inHg		14.0			
Zone 4	WH Vac (Offline)	inH2O					
	Mani Vac	inHg		14.5			
	PID	ppm		53			
	Flow	scfm		62			

TABLE 5

MPE SYSTEM OPERATIONS - FOURTH QUARTER 2020
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO

Well ID	Date	10/23/2020	11/13/2020	12/8/2020	12/18/2020	12/31/2020
Active Zone		3	4	1	2	3
Well Field						
Total Flow in Active Zone	scfm	298	382	228	292	294

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.

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
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
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

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	9/19/2019	6,499.61	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
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		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

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	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
	12/17/2020		29.72	NP	NP	6,470.57
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	6,471.64
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

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	9/19/2019	6,504.18	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
	9/17/2020		32.66	NP	NP	6,471.52
	12/17/2020		33.03	33.01	0.02	6,471.15
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
	12/17/2020		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

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	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
	9/17/2020		35.44	NP	NP	6,472.98
	12/17/2020		34.98	NP	NP	6,473.44
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
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

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	9/19/2019	6,494.31	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
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
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

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	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
	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	6,469.82
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
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

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-3R	9/19/2019	6,502.86	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	6,471.80
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	--
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	--
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	--

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-8*	9/17/2020	--	35.81	NP	NP	--
	12/17/2020		36.90	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	--
	9/17/2020		44.65	NP	NP	--
	12/17/2020		45.08	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	--
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

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-11	12/17/2020	6,492.85	DRY	NP	NP	DRY
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
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
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

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-14	12/5/2019	6,476.22	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
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
	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	6,461.54
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
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

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	9/17/2018	6,483.30	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
	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
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
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

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-19	12/17/2020	6,492.35	30.30	NP	NP	6,462.05
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
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
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

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-22	3/5/2020	6,497.15	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
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
	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
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
MW-25	12/17/2020	6,507.65	29.45	NP	NP	6,461.26
	9/17/2018		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
MW-25	3/5/2020		34.54	NP	NP	6,473.11

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-25	6/4/2020	6,507.65	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

(a)

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

Groundwater elevation calculation in wells with product: (top of casing elevation - depth to water) +
(product thickness * 0.8)

TABLE 7

**GROUNDWATER ANALYTICAL RESULTS
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)**

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes, Total (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	TPH-MRO (mg/L)
SB01	6/14/2017	12,000	1,200	270	2,400	37	5.1	<5.0
	10/20/2017	15,000	2,600	470	4,600	56	5.1	<5.0
	6/20/2018				NS-LNAPL			
	9/18/2018				NS-LNAPL			
	12/20/2018				NS-LNAPL			
	4/8/2019				NS-LNAPL			
	6/13/2019				NS-LNAPL			
	9/19/2019				NS-LNAPL			
	12/6/2019				NS-LNAPL			
	3/6/2020				NS-LNAPL			
	6/4/2020				NS-LNAPL			
	9/17/2020				NS-LNAPL			
SB03	6/15/2017	3,200	5,000	390	3,800	43	11	<5.0
	10/21/2017				NS-LNAPL			
	6/20/2018				NS-LNAPL			
	9/18/2018				NS-LNAPL			
	12/20/2018				NS-LNAPL			
	4/8/2019				NS-LNAPL			
	6/13/2019				NS-LNAPL			
	9/19/2019	62	69	54	690	NS	NS	NS
	12/6/2019	44	25	42	530	NS	NS	NS
	3/6/2020	41	22	35	390	NS	NS	NS
	6/4/2020	32	8.1	69	720	NS	NS	NS
	9/18/2020	6.8	<5.0	14	170	NS	NS	NS
SB04	6/15/2017				NS-LNAPL			
	10/15/2017				NS-LNAPL			
	6/20/2018				NS-LNAPL			
	9/18/2018				NS			
	12/20/2018				NS			
	4/8/2019				NS			
	6/14/2019	<5.0	<5.0	19	57	NS	NS	NS
	9/19/2019	<1.0	<1.0	2.5	3.8	NS	NS	NS
	12/6/2019	1.1	<1.0	16	31	NS	NS	NS
	3/6/2020				NS			
	6/4/2020				NS			
	9/18/2020	<1.0	<1.0	11	63	NS	NS	NS
SB05	6/15/2017	16,000	16,000	310	3,600	100	21	<5.0
	10/21/2017	15,000	20,000	350	4,100	72	29	<5.0
	6/20/2018				NS			
	9/18/2018				NS			
	12/20/2018				NS			
	4/8/2019				NS-LNAPL			
	6/13/2019				NS-LNAPL			
	9/20/2019	360	670	77	3,100	NS	NS	NS
	12/6/2019				NS			

TABLE 7

**GROUNDWATER ANALYTICAL RESULTS
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)**

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes, Total (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	TPH-MRO (mg/L)
SB05	3/6/2020	NS						
	6/4/2020	NS						
	9/18/2020	460	60	<10	380	NS	NS	NS
SB06	6/16/2017	210	230	11	110	3.6	2.5	<5.0
	10/20/2017	810	110	27	150	5.6	2.9	<5.0
	6/20/2018	NS						
	9/18/2018	NS-LNAPL						
	12/20/2018	NS						
	4/8/2019	NS						
	6/14/2019	4,400	1,500	190	2,900	NS	NS	NS
	9/20/2019	3,330	1,100	130	1,200	NS	NS	NS
	12/6/2019	NS						
	3/6/2020	NS						
	6/4/2020	NS						
	9/18/2020	NS-LNAPL						
SB07	6/16/2017	14,000	15,000	670	7,600	110	12	<5.0
	10/20/2017	11,000	12,000	<500	5,000	60	10	<5.0
	6/20/2018	NS						
	9/18/2018	NS						
	12/20/2018	NS-LNAPL						
	4/8/2019	NS-LNAPL						
	6/13/2019	NS-LNAPL						
	9/19/2019	NS-LNAPL						
	12/6/2019	NS-LNAPL						
	3/6/2020	NS						
	6/4/2020	NS						
	9/17/2020	NS						
SB08	6/16/2017	15,000	15,000	690	7,000	110	7.7	<5.0
	10/21/2017	9,500	6,900	370	4,500	64	6.3	<5.0
	6/20/2018	NS						
	9/18/2018	NS						
	12/20/2018	NS-LNAPL						
	4/8/2019	NS-LNAPL						
	6/13/2019	NS-LNAPL						
	9/19/2019	NS-LNAPL						
	12/6/2019	NS-LNAPL						
	3/6/2020	NS						
	6/4/2020	NS						
	9/17/2020	NS						
SB09	6/16/2017	11,000	9,700	430	3,900	78	5.2	<5.0
	10/21/2017	11,000	12,000	370	5,100	52	8.0	<5.0
	6/20/2018	NS-LNAPL						
	9/18/2018	NS-LNAPL						
	12/20/2018	NS-LNAPL						
	4/8/2019	NS-LNAPL						

TABLE 7

**GROUNDWATER ANALYTICAL RESULTS
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)**

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes, Total (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	TPH-MRO (mg/L)
SB09	6/13/2019				NS-LNAPL			
	9/19/2019				NS-LNAPL			
	12/6/2019				NS-LNAPL			
	3/6/2020				NS-LNAPL			
	6/4/2020				NS			
	9/17/2020				NS			
SB10	6/16/2017	11,000	9,000	590	4,300	82	2.1	<5.0
	10/20/2017				NS-LNAPL			
	6/20/2018				NS-DRY			
	9/17/2018				NS-DRY			
	12/20/2018				NS-DRY			
	4/8/2019				NS-DRY			
	6/13/2019				NS-DRY			
	9/19/2019				NS-DRY			
	12/6/2019				NS-DRY			
	3/6/2020				NS-DRY			
	6/4/2020				NS-DRY			
	9/17/2020				NS-DRY			
SB11	6/16/2017	13,000	20,000	750	6,500	120	3.9	<5.0
	10/21/2017	5,200	6,100	<500	3,400	38	3.9	<5.0
	6/20/2018				NS			
	9/18/2019				NS			
	12/20/2018				NS			
	4/8/2019				NS			
	6/14/2019	1,200	7.1	94	760	NS	NS	NS
	9/20/2019	490	8.5	30	230	NS	NS	NS
	12/6/2019				NS			
	3/6/2020				NS			
	6/4/2020				NS			
	9/17/2020				NS			
SB12	6/16/2017				NS-LNAPL			
	10/18/2017				NS-LNAPL			
	6/20/2018				NS-LNAPL			
	9/18/2018				NS-LNAPL			
	12/20/2018				NS-LNAPL			
	4/8/2019				NS-DRY			
	6/13/2019				NS-LNAPL			
	9/19/2019				NS-DRY			
	12/6/2019				NS			
	3/6/2020				NS			
	6/4/2020				NS			
	9/17/2020				NS			
SB13	6/16/2017	150	86	9.3	52	3.9	<1.0	<5.0
	10/23/2017	220	<5.0	6.4	12	3.8	<1.0	<5.0
	6/22/2018	40	9.5	2.1	83	1.2	<1.0	<5.0

TABLE 7

**GROUNDWATER ANALYTICAL RESULTS
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)**

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes, Total (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	TPH-MRO (mg/L)
SB13	9/18/2018	11	2.9	<1.0	7.1	0.26	1.1	<5.0
	12/21/2018	16	44	8	170	1.5	1.2	<5.0
	4/8/2019	NS-LNAPL						
	6/14/2019	1.5	<1.0	<1.0	<2.0	NS	NS	NS
	9/19/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	12/6/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	3/6/2020	1.8	<1.0	<1.0	2.9	NS	NS	NS
	6/5/2020	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/18/2020	2.0	<1.0	<1.0	<1.5	NS	NS	NS
SB15	6/13/2017	<1.0	<1.0	<1.0	<1.5	<0.050	<1.0	<5.0
	10/20/2017	3.3	3.5	<1.0	2.6	<0.050	<1.0	<5.0
	6/20/2018	NS-DRY						
	9/17/2018	NS-DRY						
	12/20/2018	NS-DRY						
	4/8/2019	NS-DRY						
	6/14/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/19/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	12/6/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	3/6/2020	NS						
SB16	6/13/2017	<1.0	<1.0	<1.0	<1.5	<0.050	<1.0	<5.0
	10/20/2017	20	18	1.4	17	0.21	<1.0	<5.0
	6/22/2018	13	1.1	<1.0	10	0.12	<1.0	<5.0
	9/18/2018	3.3	<1.0	<1.0	<1.5	0.078	<1.0	<5.0
	12/20/2018	<1.0	<1.0	<1.0	2.2	0.064	<1.0	<5.0
	4/8/2019	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	6/14/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/19/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	12/6/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	3/6/2020	NS						
SB17	6/13/2017	11	3.5	<1.0	<1.5	0.16	<1.0	<5.0
	10/20/2017	NS-DRY						
	6/20/2018	NS-DRY						
	9/18/2018	NS-DRY						
	12/20/2018	NS-DRY						
	4/8/2019	NS-DRY						
	6/13/2019	NS-DRY						
	12/6/2019	NS-DRY						
	3/6/2020	NS-DRY						
	6/4/2020	NS-DRY						
SB18	6/15/2017	NS-LNAPL						

TABLE 7

**GROUNDWATER ANALYTICAL RESULTS
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)**

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes, Total (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	TPH-MRO (mg/L)	
SB18	10/18/2017	NS-LNAPL							
	6/20/2018	NS-LNAPL							
	9/18/2018	NS-LNAPL							
	12/20/2018	NS-LNAPL							
	4/8/2019	NS-LNAPL							
	6/13/2019	NS-LNAPL							
	12/6/2019	NS-LNAPL							
	3/6/2020	NS-LNAPL							
	6/5/2020	7,400	9,100	760	9,800	NS	NS	NS	
	9/18/2020	Insufficient amount of water to sample							
SB19	6/14/2017	10,000	7,400	330	3,300	50	5.0	<5.0	
	10/20/2017	10,000	6,100	400	3,500	46	4.0	<5.0	
	6/22/2018	9,800	7,500	380	5,000	68	5.6	<5.0	
	9/19/2018	6,100	4,700	150	2,900	36	7.0	<5.0	
	12/20/2018	7,200	1,300	270	3,800	33	6.9	<5.0	
	4/8/2019	5,600	4,000	300	4,700	NS	NS	NS	
	6/14/2019	5,200	2,100	250	3,600	NS	NS	NS	
	9/20/2019	5,600	1,800	190	3,100	NS	NS	NS	
	12/5/2019	4,200	1,700	120	2,500	NS	NS	NS	
	3/6/2020	3,900	2,800	100	3,000	NS	NS	NS	
	6/4/2020	NS							
	9/18/2020	Insufficient amount of water to sample							
MW-1	Destroyed during excavation/remediation activities								
MW-2	Destroyed during excavation/remediation activities								
MW-3R	6/16/2017	15,000	14,000	530	5,500	99	10	<5.0	
	10/21/2017	11,000	11,000	460	5,000	84	5.8	<5.0	
	6/22/2018	NS-LNAPL							
	9/18/2018	NS-LNAPL							
	12/20/2018	NS-LNAPL							
	4/8/2019	NS-LNAPL							
	6/13/2019	NS-LNAPL							
	9/19/2019	NS-LNAPL							
	12/5/2019	NS-LNAPL							
	3/6/2020	NS-LNAPL							
	6/4/2020	NS-LNAPL							
	9/18/2020	NS-LNAPL							
MW-4	6/15/2017	6.6	9.5	<1.0	8.7	0.27	<1.0	<5.0	
	10/23/2017	1.8	2.3	<1.0	<1.5	0.059	<1.0	<5.0	
	6/22/2018	1.2	1.6	<1.0	3.0	0.073	<1.0	<5.0	
	9/17/2018	Well Locked							
	12/20/2019	Well Locked							
	4/8/2019	Well Locked							
	6/14/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS	
	9/19/2019	Well Locked							
	12/6/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS	

TABLE 7
GROUNDWATER ANALYTICAL RESULTS
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes, Total (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	TPH-MRO (mg/L)
MW-4	3/6/2020	<1.0	<1.0	2.8	<2.0	NS	NS	NS
	6/4/2020				NS			
	9/17/2020	<1.0	<1.0	1.1	<1.5	NS	NS	NS
MW-5	Destroyed during excavation/remediation activities							
MW-6	6/15/2017	9.5	17	2.3	18			
	10/23/2017	1.9	2.0	<1.0	<1.5			
	6/22/2018	89	15	150	1,600	12	4.3	<5.0
	9/18/2018				NS-LNAPL			
	12/20/2018				NS-LNAPL			
	4/8/2019	<10	<10	15	830	NS	NS	NS
	6/13/2019	13	7.5	<5.0	1,100	NS	NS	NS
	9/19/2019	<5.0	<5.0	<5.0	570	NS	NS	NS
	12/6/2019	5.8	<5.0	<5.0	320	NS	NS	NS
	3/6/2020	<1.0	<1.0	1.2	110	NS	NS	NS
	6/5/2020	<1.0	2.7	66	170	NS	NS	NS
	9/18/2020	<1.0	1.1	1.7	180	NS	NS	NS
MW-7	Destroyed during excavation/remediation activities							
MW-8	6/15/2017	5.1	4.3	2.6	6.4	0.30	<1.0	<5.0
	10/23/2017	2.6	1.1	1.1	<1.5	0.19	<1.0	<5.0
	6/20/2018				Well Locked			
	9/18/2018				Well Locked			
	12/20/2018				Well Locked			
	4/8/2019				Well Locked			
	6/14/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/19/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	12/5/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	3/5/2020				NS			
	6/4/2020				NS			
	9/17/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
MW-9	6/15/2017	28	46	4.3	42	0.47	<1.0	<5.0
	10/23/2017	1.4	1.7	<1.0	<1.5	<0.050	<1.0	<5.0
	6/20/2018				Well Locked			
	9/18/2018				Well Locked			
	12/20/2018				Well Locked			
	4/8/2019				Well Locked			
	6/14/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/19/2019				Well Locked			
	12/6/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	3/6/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	6/4/2020	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/17/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
MW-10	6/14/2017	13,000	8,800	510	2,900	66	8.1	<5.0
	10/23/2017				NS-LNAPL			
	6/21/2018	8,600	2,400	260	2,000	40	19	<5.0
	9/18/2018	4,000	2,300	140	3,000	31	11	<5.0

TABLE 7

**GROUNDWATER ANALYTICAL RESULTS
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)**

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes, Total (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	TPH-MRO (mg/L)
MW-10	12/20/2018	960	180	24	170	3.7	31	13
	4/8/2019	520	<5.0	14	83	NS	NS	NS
	6/14/2019	420	<10	19	130	NS	NS	NS
	9/20/2019	990	<10	92	65	NS	NS	NS
	12/6/2019	500	<10	81	780	NS	NS	NS
	3/6/2020	210	<10	<10	220	NS	NS	NS
	6/4/2020	370	46	86	880	NS	NS	NS
	9/18/2020	380	<5.0	120	28	NS	NS	NS
MW-11	6/13/2017	36	7.6	2.7	11	0.67	<1.0	<5.0
	10/20/2017	28	6.8	2.4	9.5	0.94	<1.0	<5.0
	6/21/2018	4.2	6.4	2.2	21	0.44	<1.0	<5.0
	9/18/2018	<1.0	<1.0	<1.0	<1.5	0.079	1.4	<5.0
	12/20/2018	1.2	10	11	34	0.24	<1.0	<5.0
	4/8/2019	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	6/14/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/19/2019	5.4	<1.0	<1.0	<2.0	NS	NS	NS
	12/5/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	3/5/2020				NS			
	6/4/2020				NS			
	9/17/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
MW-12	6/14/2017	14,000	11,000	460	5,400	75	4.6	<5.0
	10/20/2017	11,000	9,900	310	4,400	59	5.9	<5.0
	6/22/2018				NS-LNAPL			
	9/18/2018				NS-LNAPL			
	12/20/2018				NS-LNAPL			
	4/8/2019				NS-LNAPL			
	6/13/2019				NS-LNAPL			
	9/19/2019				NS-LNAPL			
	12/6/2019				NS-LNAPL			
	3/6/2020				NS-LNAPL			
	6/4/2020				NS-LNAPL			
	9/17/2020				NS-LNAPL			
MW-13	6/13/2017	76	8.0	33	27	1.6	<1.0	<5.0
	10/20/2017	1,300	1,700	150	1,200	10	2.8	<5.0
	6/21/2018	1,300	810	100	850	12	5.1	<5.0
	9/18/2018	2,100	120	<20	580	9.2	6.6	<5.0
	12/20/2018	1,900	140	150	580	7.8	5.4	<5.0
	4/8/2019	2,000	<20	200	480	NS	NS	NS
	6/14/2019	740	21	96	200	NS	NS	NS
	9/20/2019	500	110	55	180	NS	NS	NS
	12/5/2019	1,400	34	200	730	NS	NS	NS
	3/5/2020	1,200	<20	210	700	NS	NS	NS
	6/4/2020	1,100	<20	160	460	NS	NS	NS
	9/17/2020	1,500	<20	260	890	NS	NS	NS
MW-14	6/14/2017	11	8.6	<1.0	2.9	0.088	<1.0	<5.0

TABLE 7

**GROUNDWATER ANALYTICAL RESULTS
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)**

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes, Total (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	TPH-MRO (mg/L)
MW-14	10/19/2017	12	<1.0	<1.0	<1.5	0.13	1.8	<5.0
	6/21/2018	11	<1.0	2.2	<1.5	0.29	1.9	<5.0
	9/18/2018	95	<1.0	5.5	<1.5	0.47	1.4	<5.0
	12/21/2018	<1.0	<1.0	1.4	<2.0	0.11	1.3	<5.0
	4/8/2019	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	6/13/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/19/2019	1.4	<1.0	4.5	<2.0	NS	NS	NS
	12/5/2019	1.5	<1.0	2.4	<2.0	NS	NS	NS
	3/5/2020				NS			
	6/4/2020				NS			
	9/17/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	12/17/2020	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
MW-15	6/14/2017	11,000	11,000	840	5,500	100	2.9	<5.0
	10/19/2017	13,000	15,000	810	8,900	100	5.2	<5.0
	6/21/2018	12,000	14,000	940	9,200	110	5.7	<5.0
	9/18/2018	9,400	12,000	660	7,900	93	4.4	<5.0
	12/21/2018	8,000	10,000	780	8,400	81	5.0	<5.0
	4/8/2019				NS-LNAPL			
	6/13/2019	8,100	14,000	960	11,000	NS	NS	NS
	9/19/2019	9,700	14,000	840	10,000	NS	NS	NS
	12/5/2019				NS-LNAPL			
	3/5/2020	8,200	9,900	750	8,700	NS	NS	NS
	6/4/2020	8,600	10,000	800	9,600	NS	NS	NS
	9/17/2020				NS-LNAPL			
MW-16	6/14/2017				NS-DRY			
	10/20/2017				NS-DRY			
	6/20/2018				NS-DRY			
	9/17/2018				NS-DRY			
	12/20/2018				NS-DRY			
	4/8/2019				NS-DRY			
	6/13/2019				NS-DRY			
	9/19/2019				Insufficient amount of water to sample			
	12/5/2019				Insufficient amount of water to sample			
	3/5/2020				Insufficient amount of water to sample			
	6/4/2020				NS-DRY			
	9/17/2020				Insufficient amount of water to sample			
MW-17	10/19/2017	<1.0	1.4	<1.0	2.2	<0.050	3.1	<5.0
	6/20/2018	<1.0	<1.0	<1.0	<1.5	<0.050	<1.0	<5.0
	9/17/2018	<1.0	<1.0	<1.0	<1.5	0.063	<1.0	<5.0
	12/21/2018	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
	4/8/2019	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	6/13/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/19/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	12/5/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	3/5/2020				NS			

TABLE 7

**GROUNDWATER ANALYTICAL RESULTS
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)**

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes, Total (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	TPH-MRO (mg/L)
MW-17	6/4/2020	NS						
	9/17/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
MW-18	10/19/2017	1.1	1.5	<1.0	1.7	0.11	2.8	<5.0
	6/20/2018	<1.0	<1.0	<1.0	<1.5	0.26	3.0	<5.0
	9/17/2018	<1.0	<1.0	<1.0	<1.5	0.19	1.4	<5.0
	12/21/2018	<1.0	<1.0	<1.0	<2.0	0.094	1.1	<5.0
	4/8/2019	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	6/13/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/19/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	12/5/2019	1.2	<1.0	<1.0	<2.0	NS	NS	NS
	3/5/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	6/26/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	9/17/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	12/17/2020	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
MW-19	10/18/2017	500	<1.0	<1.0	1.7	1.1	<1.0	<5.0
	6/20/2018	1,400	3.0	1.3	70	2.9	<1.0	<5.0
	9/19/2018	1,100	1,600	590	6,100	7.0	8.5	<5.0
	12/20/2018	NS-LNAPL						
	4/8/2019	1,400	950	490	5,100	NS	NS	NS
	6/13/2019	740	520	240	3,400	NS	NS	NS
	9/19/2019	NS-LNAPL						
	12/5/2019	NS-LNAPL						
	3/5/2020	NS-LNAPL						
	6/4/2020	NS-LNAPL						
	9/17/2020	NS-LNAPL						
MW-20	10/18/2017	<1.0	<1.0	<1.0	<1.5	<0.050	<1.0	<5.0
	6/20/2018	<1.0	<1.0	<1.0	<1.5	<0.050	<1.0	<5.0
	9/17/2018	<1.0	<1.0	<1.0	<1.5	<0.050	<1.0	<5.0
	12/21/2018	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
	4/8/2019	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	6/13/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/19/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	12/5/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	3/5/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	6/4/2020	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/17/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	12/17/2020	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
MW-21	10/18/2017	940	340	180	2,000	7.8	2.5	<5.0
	6/22/2018	660	120	89	540	5.2	2.7	<5.0
	9/19/2018	320	28	120	110	3.0	2.7	<5.0
	12/21/2018	75	<1.0	52	14	0.6	1.3	<5.0
	4/8/2019	5.2	<1.0	2.7	5.3	NS	NS	NS
	6/14/2019	2.6	<1.0	5.5	2.6	NS	NS	NS
	9/19/2019	8.7	<1.0	7.5	<2.0	NS	NS	NS
	12/5/2019	4.2	<1.0	2.6	<2.0	NS	NS	NS

TABLE 7

**GROUNDWATER ANALYTICAL RESULTS
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)**

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes, Total (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	TPH-MRO (mg/L)
MW-21	3/5/2020	7.4	<1.0	11	10	NS	NS	NS
	6/4/2020	9.6	<1.0	23	21	NS	NS	NS
	9/17/2020	5.6	<1.0	6.6	<1.5	NS	NS	NS
	12/18/2020	4.1	1.5	5.6	2.6	NS	NS	NS
MW-22	10/18/2017	6.1	5.5	<1.0	6.4	0.14	<1.0	<5.0
	6/22/2018	<1.0	<1.0	<1.0	<1.5	0.057	<1.0	<5.0
	9/17/2018	<1.0	<1.0	<1.0	<1.5	<0.050	<1.0	<5.0
	12/21/2018	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
	4/8/2019	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	6/13/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/19/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	12/5/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	3/5/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	6/26/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	9/17/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
MW-23	10/18/2017	<5.0	<5.0	<5.0	<7.5	<0.25	1.6	<5.0
	6/22/2018	<1.0	<1.0	<1.0	<1.5	0.093	<1.0	<5.0
	9/17/2018	44	<1.0	<1.0	<1.5	0.17	1.0	<5.0
	12/20/2018	65	<1.0	<1.0	<2.0	0.13	<1.0	<5.0
	4/8/2019	30	<1.0	<1.0	<1.5	NS	NS	NS
	6/23/2019	NS-DRY						
	9/19/2019	6.0	<1.0	<1.0	3.1	NS	NS	NS
	12/5/2019	5.3	<1.0	<1.0	<2.0	NS	NS	NS
	3/5/2020	2.8	<1.0	<1.0	<1.5	NS	NS	NS
	6/4/2020	1.8	<1.0	<1.0	<2.0	NS	NS	NS
	9/17/2020	2.2	<1.0	<1.0	<1.5	NS	NS	NS
	12/18/2020	1.5	<1.0	<1.0	<2.0	NS	NS	NS
MW-24	9/17/2018	<1.0	<1.0	<1.0	<1.5	0.14	<1.0	<5.0
	12/21/2018	<1.0	<1.0	<1.0	<2.0	0.07	<1.0	<5.0
	4/8/2019	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	6/13/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/19/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	12/5/2019	<1.0	<1.0	4.0	<2.0	NS	NS	NS
	3/5/2020	<1.0	<1.0	1.2	<1.5	NS	NS	NS
	6/26/2020	<1.0	<1.0	5.3	<1.5	NS	NS	NS
	9/17/2020	1.1	<1.0	5.9	<1.5	NS	NS	NS
	12/17/2020	1.4	<1.0	5.9	<2.0	NS	NS	NS
MW-25	9/19/2018	<1.0	<1.0	<1.0	<1.5	<0.050	<1.0	<5.0
	12/21/2018	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
	4/8/2019	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	6/14/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	9/19/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	12/5/2019	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
	3/5/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	6/4/2020	<1.0	<1.0	<1.0	<2.0	NS	NS	NS

TABLE 7

**GROUNDWATER ANALYTICAL RESULTS
FLORANCE GCJ #16A
SAN JUAN COUNTY, NEW MEXICO (a)**

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes, Total (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	TPH-MRO (mg/L)
MW-25	9/17/2020	<1.0	<1.0	<1.0	<1.5	NS	NS	NS
	12/18/2020	<1.0	<1.0	<1.0	<2.0	NS	NS	NS
NMWQCC Standard		5	1,000	700	620	NE	NE	NE

(a)

DRO - diesel range organics

GRO - gasoline range organics

LNAPL - light non-aqueous phase liquid

µg/L - microgram per liter

mg/L - milligram per liter

MRO - motor oil range organics

NE - not established

NMWQCC - New Mexico Water Quality Control Commission

NS - not sampled

NS-DRY - not sampled, well was dry or insufficient water to collect sample

NS-LNAPL - not sampled due to presence of LNAPL in well

< - indicates result is below laboratory reporting limit

BOLD indicates result exceeds applicable standard

ENCLOSURE A – LABORATORY ANALYTICAL REPORTS



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October 29, 2020

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RE: Florance GC J 16A

OrderNo.: 2010B68

Dear Monica Sandoval:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/24/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2010B68

Date Reported: 10/29/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: Zone 3 Influent

Project: Florance GC J 16A

Collection Date: 10/23/2020 1:52:00 PM

Lab ID: 2010B68-001

Matrix: AIR

Received Date: 10/24/2020 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	580	5.0		µg/L	1	10/27/2020 8:29:00 AM	G72954
Surr: BFB	323	28.9-257	S	%Rec	1	10/27/2020 8:29:00 AM	G72954
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.10		µg/L	1	10/27/2020 8:29:00 AM	B72954
Toluene	0.95	0.10		µg/L	1	10/27/2020 8:29:00 AM	B72954
Ethylbenzene	ND	0.10		µg/L	1	10/27/2020 8:29:00 AM	B72954
Xylenes, Total	3.2	0.20		µg/L	1	10/27/2020 8:29:00 AM	B72954
Surr: 4-Bromofluorobenzene	121	79.9-124		%Rec	1	10/27/2020 8:29:00 AM	B72954

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

Page 1 of 3

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2010B68

29-Oct-20

Client: Harvest

Project: Florance GC J 16A

Sample ID: 2010b68-001adup		SampType: DUP		TestCode: EPA Method 8015D: Gasoline Range						
Client ID: Zone 3 Influent		Batch ID: G72954		RunNo: 72954						
Prep Date:		Analysis Date: 10/27/2020		SeqNo: 2564851		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	570	5.0						1.67	20	
Surr: BFB	6400		2000		318	28.9	257	0	0	S

Qualifiers:

- * Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2010B68

29-Oct-20

Client: Harvest

Project: Florance GC J 16A

Sample ID: 2010b68-001adup		SampType: DUP		TestCode: EPA Method 8021B: Volatiles						
Client ID: Zone 3 Influent		Batch ID: B72954		RunNo: 72954						
Prep Date:		Analysis Date: 10/27/2020		SeqNo: 2564857		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.10						0	20	
Toluene	0.91	0.10						3.61	20	
Ethylbenzene	ND	0.10						0	20	
Xylenes, Total	3.2	0.20						1.83	20	
Surr: 4-Bromofluorobenzene	2.4		2.000		119	79.9	124	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

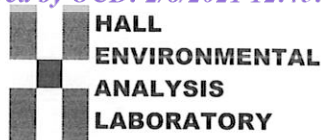
S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit



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: **2010B68**RcptNo: **1**Received By: **Desiree Dominguez** 10/24/2020 8:45:00 AMCompleted By: **Desiree Dominguez** 10/24/2020 10:12:16 AMReviewed By: *YN* 10/24/2020

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4$ " for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: *DAD 10/24/20*

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

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



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

November 24, 2020

Monica Smith

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX:

RE: Florance GC J 16A

OrderNo.: 2011811

Dear Monica Smith:

Hall Environmental Analysis Laboratory received 1 sample(s) on 11/17/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2011811

Date Reported: 11/24/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: Influent Zone 04

Project: Florance GC J 16A

Collection Date: 11/13/2020 4:20:00 PM

Lab ID: 2011811-001

Matrix: AIR

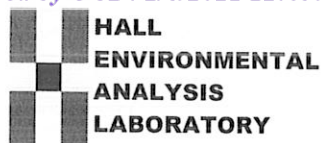
Received Date: 11/17/2020 8:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	1300	25		µg/L	5	11/19/2020 10:30:28 AM	G73491
Surr: BFB	390	28.9-257	S	%Rec	5	11/19/2020 10:30:28 AM	G73491
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	1.2		µg/L	5	11/19/2020 10:30:28 AM	B73491
Benzene	0.93	0.50		µg/L	5	11/19/2020 10:30:28 AM	B73491
Toluene	2.0	0.50		µg/L	5	11/19/2020 10:30:28 AM	B73491
Ethylbenzene	ND	0.50		µg/L	5	11/19/2020 10:30:28 AM	B73491
Xylenes, Total	6.1	1.0		µg/L	5	11/19/2020 10:30:28 AM	B73491
Surr: 4-Bromofluorobenzene	102	79.9-124		%Rec	5	11/19/2020 10:30:28 AM	B73491

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

Page 1 of 1



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: 2011811

RcptNo: 1

Received By: Sean Livingston

11/17/2020 8:48:00 AM

Completed By: Emily Mocho

11/17/2020 9:02:57 AM

Reviewed By: ENM

11/17/20

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☐ No ☐ NA ☒
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☐ No ☐ NA ☒
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4$ " for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: JR 11/17/20

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

Chain-of-Custody Record

Client: Harvest
Monica Smith
 Mailing Address:

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

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Fluence GC 516A

Project #:

Project Manager:

Danny Burns

Sampler:

DB

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 1.9 ± 0.19 (°C)

Container Type and #

Tedlar

Preservative Type

—

HEAL No.

2011811

001

XX

TPH:80150(GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO₃, NO₂, PO₄, SO₄

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

BTEX / MTBE / TMB's (8021)

TPH:80150(GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO₃, NO₂, PO₄, SO₄

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Remarks:

CC: danny.burns@wsp.com

Received by:

Danny Burns

Via:

SGC courier

Date

11/17/20

Time

8:48

Relinquished by:

Danny Burns

Via:

SGC courier

Date

11/16/20

Time

18:04



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

December 23, 2020

Monica Smith

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX

RE: Florance GCJ 16A

OrderNo.: 2012660

Dear Monica Smith:

Hall Environmental Analysis Laboratory received 1 sample(s) on 12/12/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2012660

Date Reported: 12/23/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: Influent Zone 01

Project: Florance GCJ 16A

Collection Date: 12/8/2020 4:40:00 PM

Lab ID: 2012660-001

Matrix: AIR

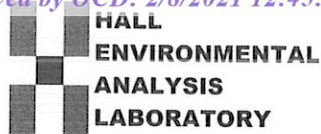
Received Date: 12/12/2020 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	890	25		µg/L	5	12/17/2020 1:59:49 PM	G74081
Surr: BFB	210	28.9-257		%Rec	5	12/17/2020 1:59:49 PM	G74081
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.25		µg/L	1	12/17/2020 2:47:10 PM	B74081
Benzene	ND	0.10		µg/L	1	12/17/2020 2:47:10 PM	B74081
Toluene	1.4	0.10		µg/L	1	12/17/2020 2:47:10 PM	B74081
Ethylbenzene	ND	0.10		µg/L	1	12/17/2020 2:47:10 PM	B74081
Xylenes, Total	4.0	0.20		µg/L	1	12/17/2020 2:47:10 PM	B74081
Surr: 4-Bromofluorobenzene	120	79.9-124		%Rec	1	12/17/2020 2:47:10 PM	B74081

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

Page 1 of 1



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: **2012660**RcptNo: **1**Received By: **Isaiah Ortiz**

12/12/2020 9:45:00 AM

I-Ox

Completed By: **Emily Mocho**

12/14/2020 8:16:03 AM

Reviewed By:

JR 12/14/20

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☐ No ☐ NA ☒
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☐ No ☐ NA ☒
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: SLC 12/14/20

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

Chain-of-Custody Record

Client: Harvest Midstream
Mr Monica Smith
 Mailing Address:

Phone #:
 email or Fax#:
 QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☒ EDD (Type) OC

Date Time Matrix Sample Name
 12-8-20 1640 Influent Zone 01

Turn-Around Time:
☒ Standard ☐ Rush
 Project Name:
Florance GC 516A
 Project #:

Project Manager:
WSP - Danny Burns

Sampler: DBurns
 On Ice: ☒ Yes ☐ No
 # of Coolers: 1

Cooler Temp (including CF): 31 ± 0 (°C)
 Container Type and # 2-Tedlar
 Preservative Type —
 HEAL No. 2012600

BTEX / MTBE / TMBs (8021) X
 TPH:80150 (GRO / DRO / MRO) X



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

8081 Pesticides/8082 PCB's
 EDB (Method 504.1)
 PAHs by 8310 or 8270SIMS
 RCRA 8 Metals
 Cl, F, Br, NO₃, NO₂, PO₄, SO₄
 8260 (VOA)
 8270 (Semi-VOA)
 Total Coliform (Present/Absent)

Remarks:

cc: danny.burns@wsp.com

Received by: Christy Woods Date Time 12/16/20 1310
 Received by: WSP Date Time 12/16/20 0945

Relinquished by: Christy Woods Date Time 12/16/20 1816



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

December 31, 2020

Monica Smith

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX:

RE: Florance GC J16A

OrderNo.: 2012A16

Dear Monica Smith:

Hall Environmental Analysis Laboratory received 8 sample(s) on 12/19/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2012A16

Date Reported: 12/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: Influent Zone 02

Project: Florance GC J16A

Collection Date: 12/18/2020 3:40:00 PM

Lab ID: 2012A16-001

Matrix: AIR

Received Date: 12/19/2020 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	4700	50		µg/L	10	12/23/2020 10:06:18 AM	G74223
Surr: BFB	271	28.9-257	S	%Rec	10	12/23/2020 10:06:18 AM	G74223
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	3.0	0.50		µg/L	5	12/23/2020 9:18:54 AM	B74223
Toluene	23	0.50		µg/L	5	12/23/2020 9:18:54 AM	B74223
Ethylbenzene	4.7	0.50		µg/L	5	12/23/2020 9:18:54 AM	B74223
Xylenes, Total	61	1.0		µg/L	5	12/23/2020 9:18:54 AM	B74223
Surr: 4-Bromofluorobenzene	112	79.9-124		%Rec	5	12/23/2020 9:18:54 AM	B74223

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

Page 1 of 12

Analytical Report

Lab Order 2012A16

Date Reported: 12/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW 14

Project: Florance GC J16A

Collection Date: 12/17/2020 1:30:00 PM

Lab ID: 2012A16-002

Matrix: GROUNDWA

Received Date: 12/19/2020 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	1.0		µg/L	1	12/28/2020 2:51:14 PM	B74259
Toluene	ND	1.0		µg/L	1	12/28/2020 2:51:14 PM	B74259
Ethylbenzene	ND	1.0		µg/L	1	12/28/2020 2:51:14 PM	B74259
Xylenes, Total	ND	2.0		µg/L	1	12/28/2020 2:51:14 PM	B74259
Surr: 4-Bromofluorobenzene	110	80-120		%Rec	1	12/28/2020 2:51:14 PM	B74259

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

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Analytical Report

Lab Order 2012A16

Date Reported: 12/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW 18

Project: Florance GC J16A

Collection Date: 12/17/2020 12:20:00 PM

Lab ID: 2012A16-003

Matrix: GROUNDWA

Received Date: 12/19/2020 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	1.0		µg/L	1	12/28/2020 4:01:51 PM	B74259
Toluene	ND	1.0		µg/L	1	12/28/2020 4:01:51 PM	B74259
Ethylbenzene	ND	1.0		µg/L	1	12/28/2020 4:01:51 PM	B74259
Xylenes, Total	ND	2.0		µg/L	1	12/28/2020 4:01:51 PM	B74259
Surr: 4-Bromofluorobenzene	111	80-120		%Rec	1	12/28/2020 4:01:51 PM	B74259

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

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Analytical Report

Lab Order 2012A16

Date Reported: 12/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW 20

Project: Florance GC J16A

Collection Date: 12/17/2020 12:50:00 PM

Lab ID: 2012A16-004

Matrix: GROUNDWA

Received Date: 12/19/2020 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	1.0		µg/L	1	12/28/2020 4:25:28 PM	B74259
Toluene	ND	1.0		µg/L	1	12/28/2020 4:25:28 PM	B74259
Ethylbenzene	ND	1.0		µg/L	1	12/28/2020 4:25:28 PM	B74259
Xylenes, Total	ND	2.0		µg/L	1	12/28/2020 4:25:28 PM	B74259
Surr: 4-Bromofluorobenzene	110	80-120		%Rec	1	12/28/2020 4:25:28 PM	B74259

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

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Analytical Report

Lab Order 2012A16

Date Reported: 12/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW 21

Project: Florance GC J16A

Collection Date: 12/18/2020 11:30:00 AM

Lab ID: 2012A16-005

Matrix: GROUNDWA

Received Date: 12/19/2020 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	4.1	1.0		µg/L	1	12/28/2020 6:46:57 PM	B74259
Toluene	1.5	1.0		µg/L	1	12/28/2020 6:46:57 PM	B74259
Ethylbenzene	5.6	1.0		µg/L	1	12/28/2020 6:46:57 PM	B74259
Xylenes, Total	2.6	2.0		µg/L	1	12/28/2020 6:46:57 PM	B74259
Surr: 4-Bromofluorobenzene	119	80-120		%Rec	1	12/28/2020 6:46:57 PM	B74259

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

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Analytical Report

Lab Order 2012A16

Date Reported: 12/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW 23

Project: Florance GC J16A

Collection Date: 12/18/2020 11:52:00 AM

Lab ID: 2012A16-006

Matrix: GROUNDWA

Received Date: 12/19/2020 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	1.5	1.0		µg/L	1	12/28/2020 7:10:30 PM	B74259
Toluene	ND	1.0		µg/L	1	12/28/2020 7:10:30 PM	B74259
Ethylbenzene	ND	1.0		µg/L	1	12/28/2020 7:10:30 PM	B74259
Xylenes, Total	ND	2.0		µg/L	1	12/28/2020 7:10:30 PM	B74259
Surr: 4-Bromofluorobenzene	112	80-120		%Rec	1	12/28/2020 7:10:30 PM	B74259

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

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Analytical Report

Lab Order 2012A16

Date Reported: 12/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW 24

Project: Florance GC J16A

Collection Date: 12/17/2020 12:15:00 PM

Lab ID: 2012A16-007

Matrix: GROUNDWA

Received Date: 12/19/2020 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	1.4	1.0		µg/L	1	12/28/2020 7:33:53 PM	B74259
Toluene	ND	1.0		µg/L	1	12/28/2020 7:33:53 PM	B74259
Ethylbenzene	5.9	1.0		µg/L	1	12/28/2020 7:33:53 PM	B74259
Xylenes, Total	ND	2.0		µg/L	1	12/28/2020 7:33:53 PM	B74259
Surr: 4-Bromofluorobenzene	141	80-120	S	%Rec	1	12/28/2020 7:33:53 PM	B74259

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

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Analytical Report

Lab Order 2012A16

Date Reported: 12/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW 25

Project: Florance GC J16A

Collection Date: 12/18/2020 11:15:00 AM

Lab ID: 2012A16-008

Matrix: GROUNDWA

Received Date: 12/19/2020 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	1.0		µg/L	1	12/28/2020 7:57:32 PM	B74259
Toluene	ND	1.0		µg/L	1	12/28/2020 7:57:32 PM	B74259
Ethylbenzene	ND	1.0		µg/L	1	12/28/2020 7:57:32 PM	B74259
Xylenes, Total	ND	2.0		µg/L	1	12/28/2020 7:57:32 PM	B74259
Surr: 4-Bromofluorobenzene	113	80-120		%Rec	1	12/28/2020 7:57:32 PM	B74259

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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2012A16

31-Dec-20

Client: Harvest
Project: Florance GC J16A

Sample ID: 2012a16-001adup		SampType: DUP		TestCode: EPA Method 8015D: Gasoline Range						
Client ID: Influent Zone 02		Batch ID: G74223		RunNo: 74223						
Prep Date:		Analysis Date: 12/23/2020		SeqNo: 2619856		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	4700	25						1.18	20	E
Surr: BFB	49000		10000		494	28.9	257	0	0	S

Qualifiers:

- * Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2012A16
31-Dec-20

Client: Harvest
Project: Florance GC J16A

Sample ID: 2012a16-001adup		SampType: DUP		TestCode: EPA Method 8021B: Volatiles						
Client ID: Influent Zone 02		Batch ID: B74223		RunNo: 74223						
Prep Date:		Analysis Date: 12/23/2020		SeqNo: 2619905		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	2.9	0.50						1.28	20	
Toluene	23	0.50						0.0171	20	
Ethylbenzene	4.7	0.50						0.621	20	
Xylenes, Total	60	1.0						0.928	20	
Surr: 4-Bromofluorobenzene	12		10.00		116	79.9	124	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

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

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

WO#: 2012A16

31-Dec-20

Client: Harvest
Project: Florance GC J16A

Sample ID: mb1	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBW	Batch ID: B74223	RunNo: 74223								
Prep Date:	Analysis Date: 12/23/2020	SeqNo: 2619901	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	21		20.00		105	80	120			

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSW	Batch ID: B74223	RunNo: 74223								
Prep Date:	Analysis Date: 12/23/2020	SeqNo: 2619902	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	90.2	80	120			
Toluene	19	1.0	20.00	0	93.7	80	120			
Ethylbenzene	19	1.0	20.00	0	94.2	80	120			
Xylenes, Total	57	2.0	60.00	0	95.6	80	120			
Surr: 4-Bromofluorobenzene	21		20.00		107	80	120			

Sample ID: mb1	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBW	Batch ID: B74259	RunNo: 74259								
Prep Date:	Analysis Date: 12/28/2020	SeqNo: 2621710	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	22		20.00		108	80	120			

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSW	Batch ID: B74259	RunNo: 74259								
Prep Date:	Analysis Date: 12/28/2020	SeqNo: 2621711	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	90.6	80	120			
Toluene	19	1.0	20.00	0	94.8	80	120			
Ethylbenzene	19	1.0	20.00	0	95.1	80	120			
Xylenes, Total	58	2.0	60.00	0	96.0	80	120			
Surr: 4-Bromofluorobenzene	22		20.00		111	80	120			

Qualifiers:

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

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

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

WO#: 2012A16

31-Dec-20

Client: Harvest
Project: Florance GC J16A

Sample ID: 2012a16-002ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: MW 14	Batch ID: B74259	RunNo: 74259								
Prep Date:	Analysis Date: 12/28/2020	SeqNo: 2621718	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0.4320	91.9	80	120			
Toluene	19	1.0	20.00	0.2320	94.5	80	120			
Ethylbenzene	20	1.0	20.00	0	97.6	80	120			
Xylenes, Total	58	2.0	60.00	0	96.9	80	120			
Surr: 4-Bromofluorobenzene	24		20.00		118	80	120			

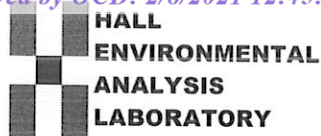
Sample ID: 2012a16-002amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: MW 14	Batch ID: B74259	RunNo: 74259								
Prep Date:	Analysis Date: 12/28/2020	SeqNo: 2621719	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0.4320	89.7	80	120	2.37	20	
Toluene	18	1.0	20.00	0.2320	91.3	80	120	3.39	20	
Ethylbenzene	19	1.0	20.00	0	95.0	80	120	2.67	20	
Xylenes, Total	57	2.0	60.00	0	94.4	80	120	2.59	20	
Surr: 4-Bromofluorobenzene	23		20.00		117	80	120	0	0	

Qualifiers:

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

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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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: **2012A16**RcptNo: **1**Received By: **Juan Rojas** 12/19/2020 7:30:00 AMCompleted By: **Desiree Dominguez** 12/21/2020 8:44:18 AM

Reviewed By:

JR 12/21/20

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☒ No ☐ NA ☐
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: SGC-12/21

SGC 12/21/20

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.1	Good	Yes			
2	1.1	Good	Yes			

District I

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

District II

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

District III

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

District IV

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

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

CONDITIONS

Action 17386

CONDITIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 17386
	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