Review of 2021 Annual Groundwater Report: **Content satisfactory**
1. Continue with future work as stated within 2020 Annual Groundwater Report.
2. Continued groundwater sampling on a quarterly basis in monitoring wells MW03R, MW04, MW06R, MW07R, and MW08.
3. Continue quarterly sampling until BTEX concentrations do not exceed NMWQCC standards for eight consecutive quarters.
4. Submit the next annual monitoring report no later than March 31, 2023.

March 31, 2022

Oakley Hayes
Environmental Specialist
Harvest Four Corners
1755 Arroyo Drive
Bloomfield, New Mexico 87413

Subject: **2021 Annual Groundwater Report**
Florance #40
San Juan County, New Mexico

Dear Mr. Hayes

On behalf of Harvest Four Corners, LLC (Harvest), WSP USA Inc. (WSP, formally LT Environmental, Inc.) presents this annual report for activities conducted at the Florance #40 (Site), Remediation Permit Number 3RP-315-0, Incident #nAUTOfAB000190, between January and December 2021. The scope of work for this project was continued remediation and monitoring of petroleum hydrocarbon impacts to groundwater resulting from operations of a former earthen separator pit and a former dehydrator pit.

INTRODUCTION

The Site is located at latitude 36.799827 and longitude -107.678573 in Unit G, Section 21, Township 30 North, Range 8 West. The Site is near Gobernador Canyon in San Juan County, New Mexico (Figure 1). There are two separate source areas at the Site: a former Amoco Production Company (Amoco) earthen separator pit that is now the responsibility of IKAV (formerly BP America Production Company) and a former Public Service Company of New Mexico (PNM) dehydrator pit that was the responsibility of Williams and is now the responsibility of Harvest (Figure 2).

In 1996, 646 cubic yards of petroleum hydrocarbon-impacted soil were removed from the former dehydrator pit by PNM. The floor of the excavation was 17 feet below ground surface (bgs) and field screening indicated petroleum hydrocarbon-impacted soil remained at this depth. Monitoring well MW01 was installed upgradient (north) of the source area and impacted soil was observed between 40 feet and 55 feet bgs. A test hole (later converted to monitoring well MW02) was installed 24 feet south of the former dehydrator pit. Impacts to soil were observed from 20 feet bgs to the test hole's total depth of 50 feet bgs, and groundwater sampled from monitoring well MW02 contained 11,507 micrograms per liter (µg/L) of total benzene, toluene, ethylbenzene, and xylenes (BTEX).

According to a letter from the New Mexico Oil Conservation Division (NMOCD) to Amoco dated December 30, 1997, Amoco was responsible for remediation of soil and groundwater contamination downgradient of the former earthen separator pit and PNM/Williams was responsible for groundwater contamination downgradient of the former dehydrator pit.

In 1997, monitoring wells MW03 and MW04 were installed downgradient of the former dehydrator pit. In August 1997, the casing for monitoring well MW02 collapsed, and the well was replaced with monitoring well MW06 in March 2000. In addition, in 1997 and in 2000, upgradient monitoring well MW05 and downgradient monitoring well MW07 were installed, respectively.

In 1998, Blagg Engineering installed monitoring well "AMOCO" in or adjacent to the former earthen separator pit and BP (now IKAV) assumed responsibility for monitoring existing monitoring wells MW01 and MW05, as well as the newly-installed monitoring well AMOCO.

Williams purchased the former Gas Company of New Mexico (GCNM) facility from PNM in 2000 and assumed environmental liability for the former dehydrator pit. Between 2000 and 2016, Williams monitored groundwater at

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DURANGO, CO 81301

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wsp.com

the Site. Monitoring wells MW03 and MW06 contained phase-separated hydrocarbon (PSH) at some time between 1997 and 2002; it is not known if the PSH was recovered from monitoring wells MW03 or MW06 during this time. A fully saturated, product-recovery sock was discovered in monitoring well MW01 during the February 2013 site visit, indicating product recovery had been previously conducted in monitoring well MW01. Records regarding these activities are in previous groundwater reports submitted to the NMOCD. Monitoring well AMOCO was sampled by Williams in February 2013 during a Site re-evaluation; however, since the monitoring well is in IKAV's area of responsibility, well AMOCO has not been sampled by Williams or Harvest since the 2013 event. Additionally, monitoring wells MW01 and MW05 are in IKAV's area of responsibility and have not been sampled by Williams or Harvest.

In 2018, Harvest purchased the Site from Williams and assumed environmental liability for the former dehydrator pit. Harvest has retained WSP to continue groundwater sampling requirements. In 2019, Harvest installed monitoring wells MW03R, MW06R, and MW07R to replace damaged or dry wells MW03, MW06, and MW07. Additionally, Harvest installed MW08 to further delineate petroleum hydrocarbon impacts to the west.

SCOPE OF WORK

Quarterly groundwater monitoring activities were conducted at the Site in March, June, September, and December of 2021. WSP measured groundwater elevations and collected groundwater samples from monitoring wells MW03R, MW06R, MW07R, and MW08.

WATER AND PSH LEVEL MEASUREMENTS

During each quarterly monitoring event, WSP measured depth to groundwater and total depth in all existing wells with an oil/water interface probe. The interface probe was decontaminated with Alconox™ soap and rinsed with distilled water prior to each measurement. WSP used top-of-casing elevations to determine groundwater elevations and draft inferred groundwater potentiometric surfaces to determine groundwater flow direction and gradient. Contours were inferred based on groundwater elevations and physical characteristics at the Site (topography, proximity to irrigation ditches, etc.). Groundwater elevation data are summarized in Table 1. Groundwater elevations and potentiometric surfaces are depicted for each quarterly monitoring event on Figure 2 (March 2021), Figure 3 (June 2021), Figure 4 (September 2021), and Figure 5 (December 2021).

GROUNDWATER SAMPLING

The volume of groundwater in monitoring wells was calculated and a minimum of three well casing volumes of groundwater were purged from each monitoring well (or until the monitoring well purged dry) using a new, disposable polyvinyl chloride (PVC) bailer or a dedicated PVC bailer. Once the monitoring well was purged, groundwater samples were collected into laboratory provided sample containers. Groundwater samples were submitted to Hall Environmental Analytical Laboratory (HEAL) for laboratory analysis of BTEX by Environmental Protection Agency (EPA) Method 8021. Samples were labeled with the date and time of collection, monitoring well name, project name, sample collector's name, and parameters to be analyzed. Samples were immediately sealed and packed on ice. Groundwater collection forms are presented in Enclosure A.

GROUNDWATER SAMPLING RESULTS

Groundwater flow direction at the Site is generally to the south-southwest. Measurable PSH was detected in monitoring well MW01 in the December 2021 quarterly sampling event on the upgradient former Amoco area of responsibility. Groundwater analytical results from monitoring well MW06R indicate benzene concentrations above laboratory detection limits but did not exceed the New Mexico Water Quality Control Commission (NMWQCC) standards during all 2021 sampling events. No other samples exceeded laboratory detection limits during the 2021 quarterly sampling. Groundwater analytical results are presented in Table 2, laboratory analytical reports are included in Enclosure B.

CONCLUSIONS

Laboratory analytical results indicate that benzene concentrations did not exceed the NMWQCC standard in any monitoring well during the 2021 sampling year. Based on extensive historical records indicating petroleum hydrocarbon impacts have been stable and decreasing and as such, it is expected the petroleum hydrocarbon impacts will remain stable at the Site. These conditions are conducive to continued natural attenuation of the residual benzene concentrations identified at the Site. Functional downgradient wells will assist with identifying any potential migration or change in site conditions. WSP estimates benzene concentrations will continue to decrease and remain below NMWQCC standards due to the natural biodegradation and low concentrations of benzene in monitoring wells MW06R.

MONITORING PLAN

Harvest proposes continued groundwater sampling on a quarterly basis in monitoring wells MW03R, MW04 MW06R, MW07R, and MW08. Quarterly sampling will continue until BTEX concentrations in groundwater do not exceed NMWQCC standards for eight consecutive quarters.

A subsequent annual report summarizing groundwater remediation and monitoring activities in 2022 will be submitted to the NMOCD by March 31, 2023.

WSP appreciates the opportunity to provide this report to Harvest. If there are any questions or comments regarding this 2021 Annual Groundwater Report, do not hesitate to contact Brooke Herb at (970) 385-1096 or via email at brooke.herb@WSP.com.

Kind regards,

Eric Carroll
Associate Geologist

Brooke Herb
Senior Consultant, Geologist

Enclosed:

Figure 1: Site Location Map
Figure 2: Groundwater Elevations and Analytical Results (March 2021)
Figure 3: Groundwater Elevations and Analytical Results (June 2021)
Figure 4: Groundwater Elevations and Analytical Results (September 2021)
Figure 5: Groundwater Elevations and Analytical Results (December 2021)

Table 1: Groundwater Elevation Summary
Table 2: Groundwater Analytical Results

Enclosure A: Groundwater Collection Forms
Enclosure B: Laboratory Analytical Results

FIGURES

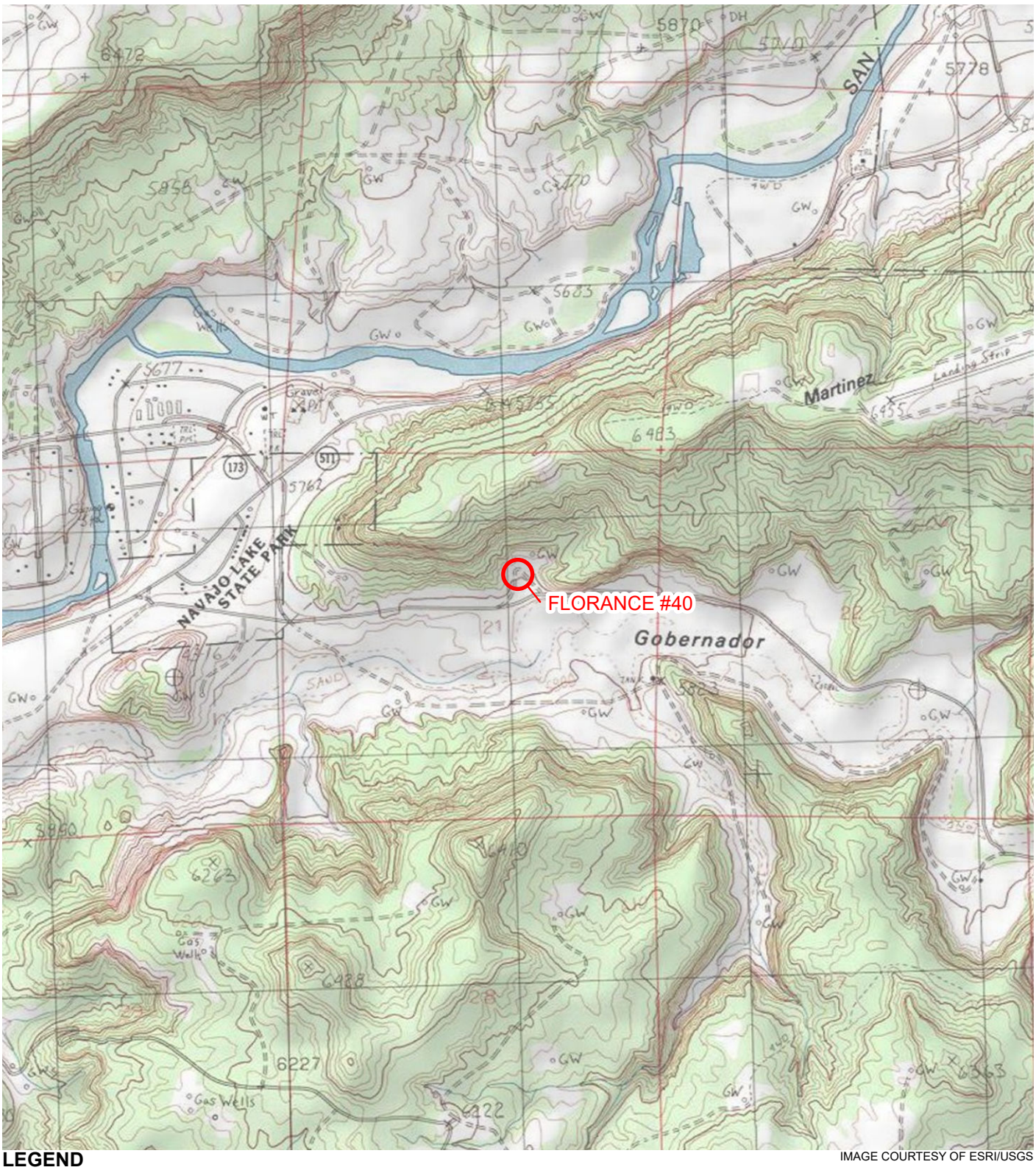


IMAGE COURTESY OF ESRI/USGS

LEGEND

SITE LOCATION

0 2,000 4,000

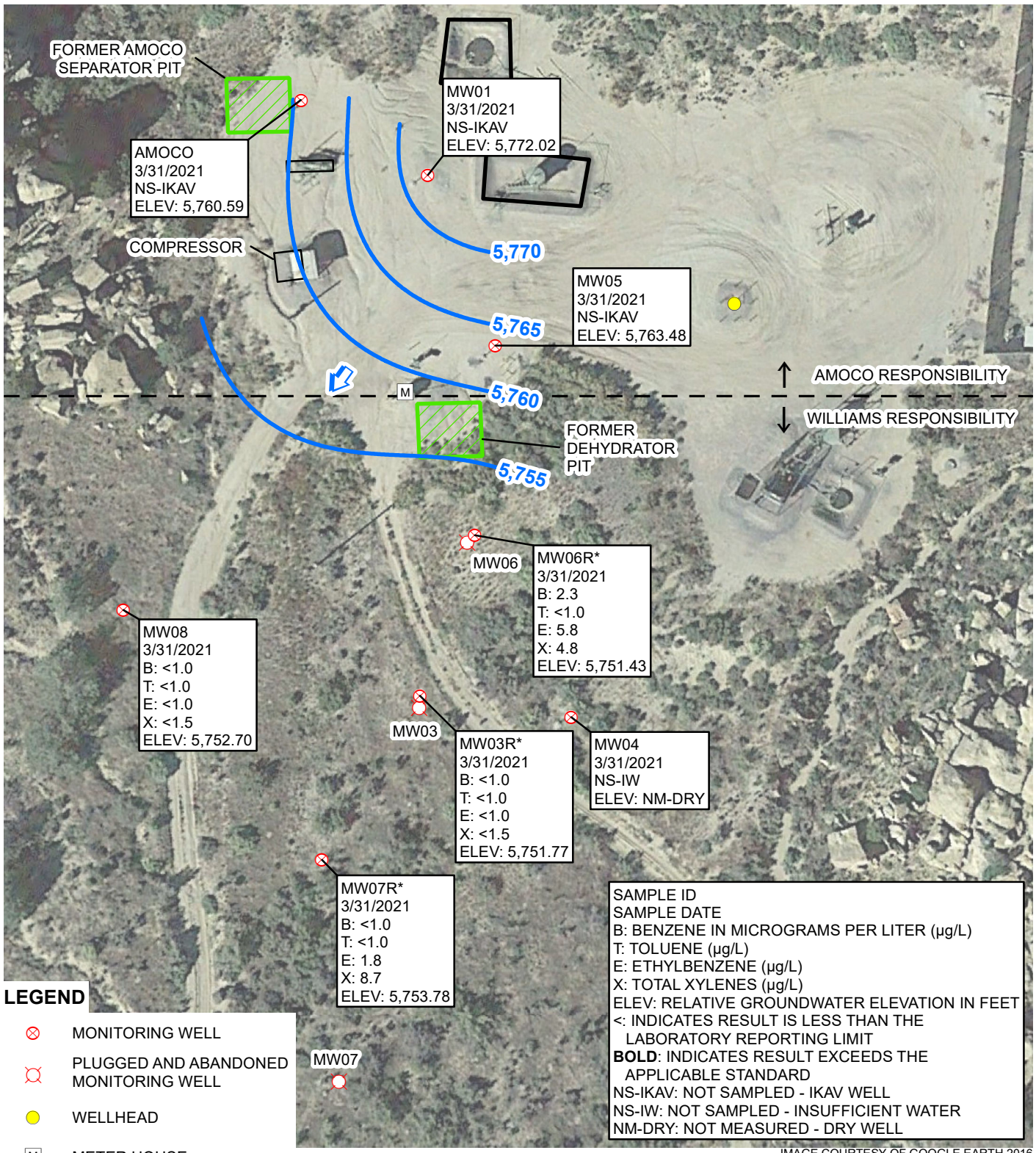
Feet

N

NEW MEXICO

FIGURE 1
SITE LOCATION MAP
FLORANCE #40
SWNE SEC 21-T30N-R8W
SAN JUAN COUNTY, NEW MEXICO
HARVEST FOUR CORNERS, LLC

P:\Harvest Four Corners\GIS\MXD\090319016_FLORANCE_#40\090319016_FIG01_SL.mxd



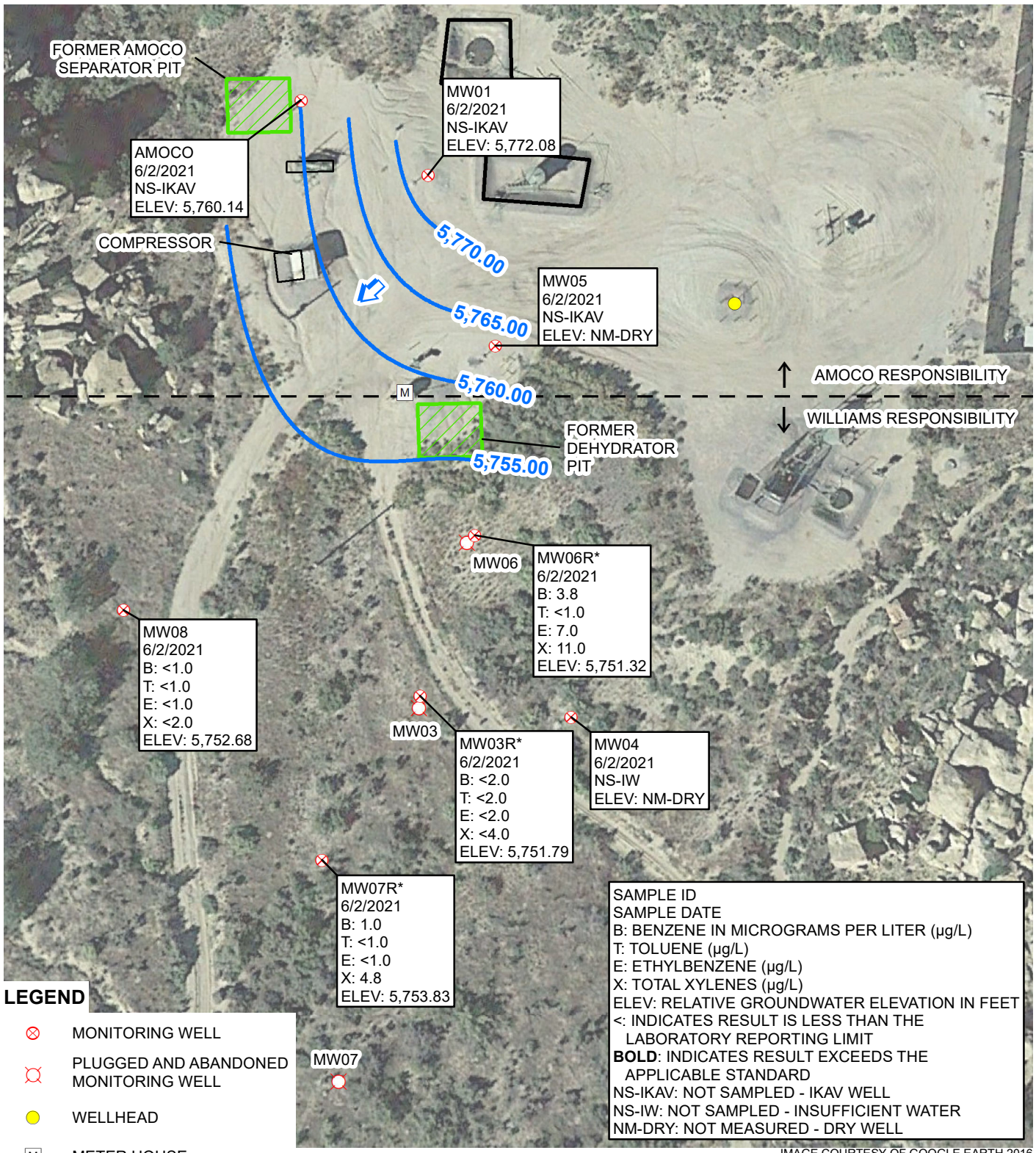
LEGEND

- MONITORING WELL
- PLUGGED AND ABANDONED MONITORING WELL
- WELLHEAD
- M METER HOUSE
- ESTIMATED GROUNDWATER FLOW DIRECTION
- GROUNDWATER ELEVATION CONTOUR
- CONTOUR INTERVAL = 5.00 FEET
- BERM

BGT: BELOW GRADE TANK
* INDICATES WELL WAS REPLACED IN 2019

FIGURE 2
GROUNDWATER ELEVATION AND ANALYTICAL RESULTS
(MARCH 2021)
FLORANCE #40
SWNE SEC 21-T30N-R8W
SAN JUAN COUNTY, NEW MEXICO
HARVEST FOUR CORNERS, LLC

P:\Harvest Four Corners\GIS\MXD\090321002_FLORANCE_#40\090321002_FIG02_GWE_GWA_MAR_2021.mxd



LEGEND

- MONITORING WELL
- PLUGGED AND ABANDONED MONITORING WELL
- WELLHEAD
- M METER HOUSE
- ESTIMATED GROUNDWATER FLOW DIRECTION
- GROUNDWATER ELEVATION CONTOUR
- CONTOUR INTERVAL = 5.00 FEET
- BERM

BGT: BELOW GRADE TANK
* INDICATES WELL WAS REPLACED IN 2019

FIGURE 3
GROUNDWATER ELEVATION AND ANALYTICAL RESULTS
(JUNE 2021)
FLORANCE #40
SWNE SEC 21-T30N-R8W
SAN JUAN COUNTY, NEW MEXICO
HARVEST FOUR CORNERS, LLC

P:\Harvest Four Corners\GIS\MXD\090321002_FLORANCE_#40\090321002_FIG02_GWE_GWA_JUN_2021.mxd

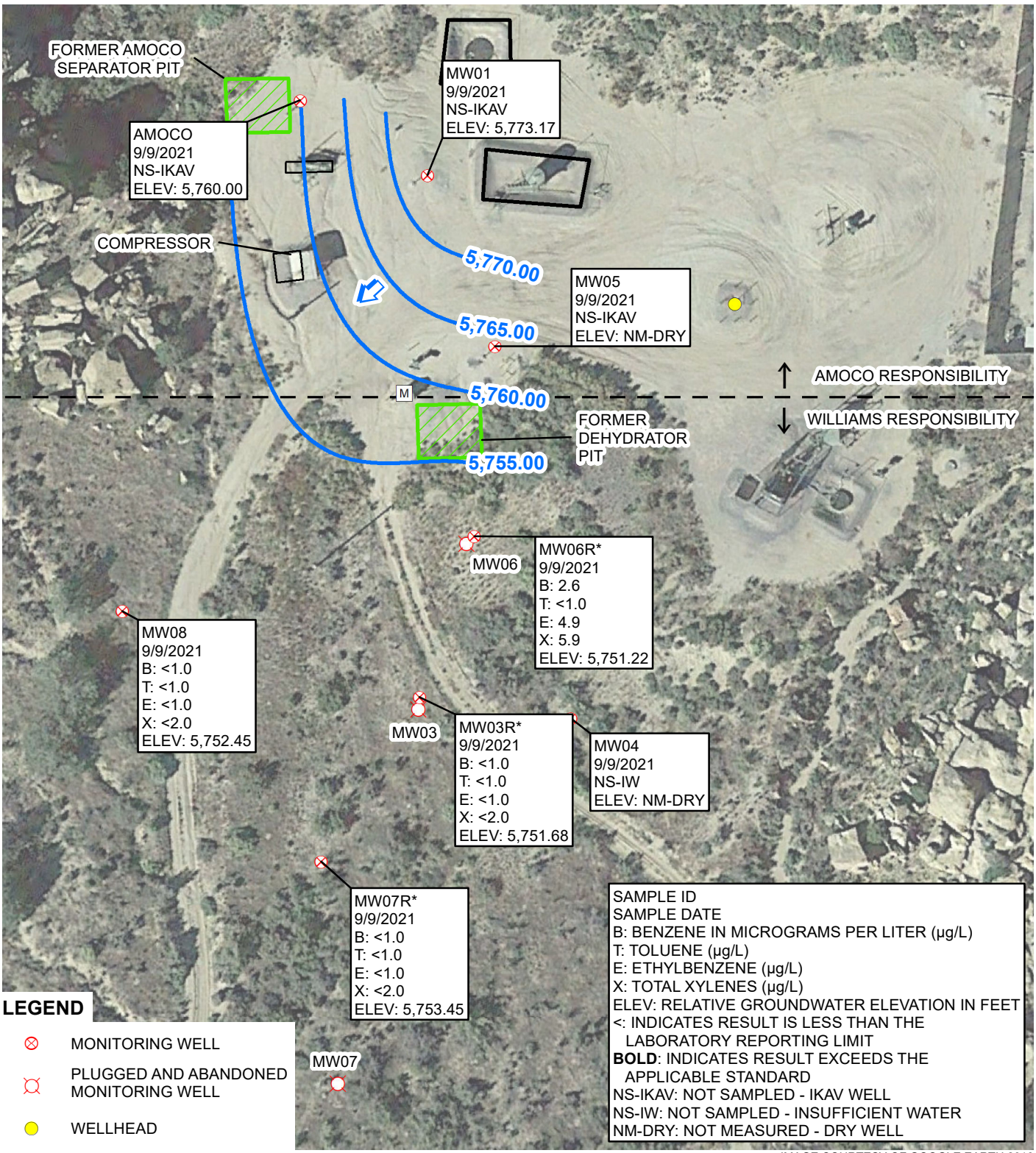
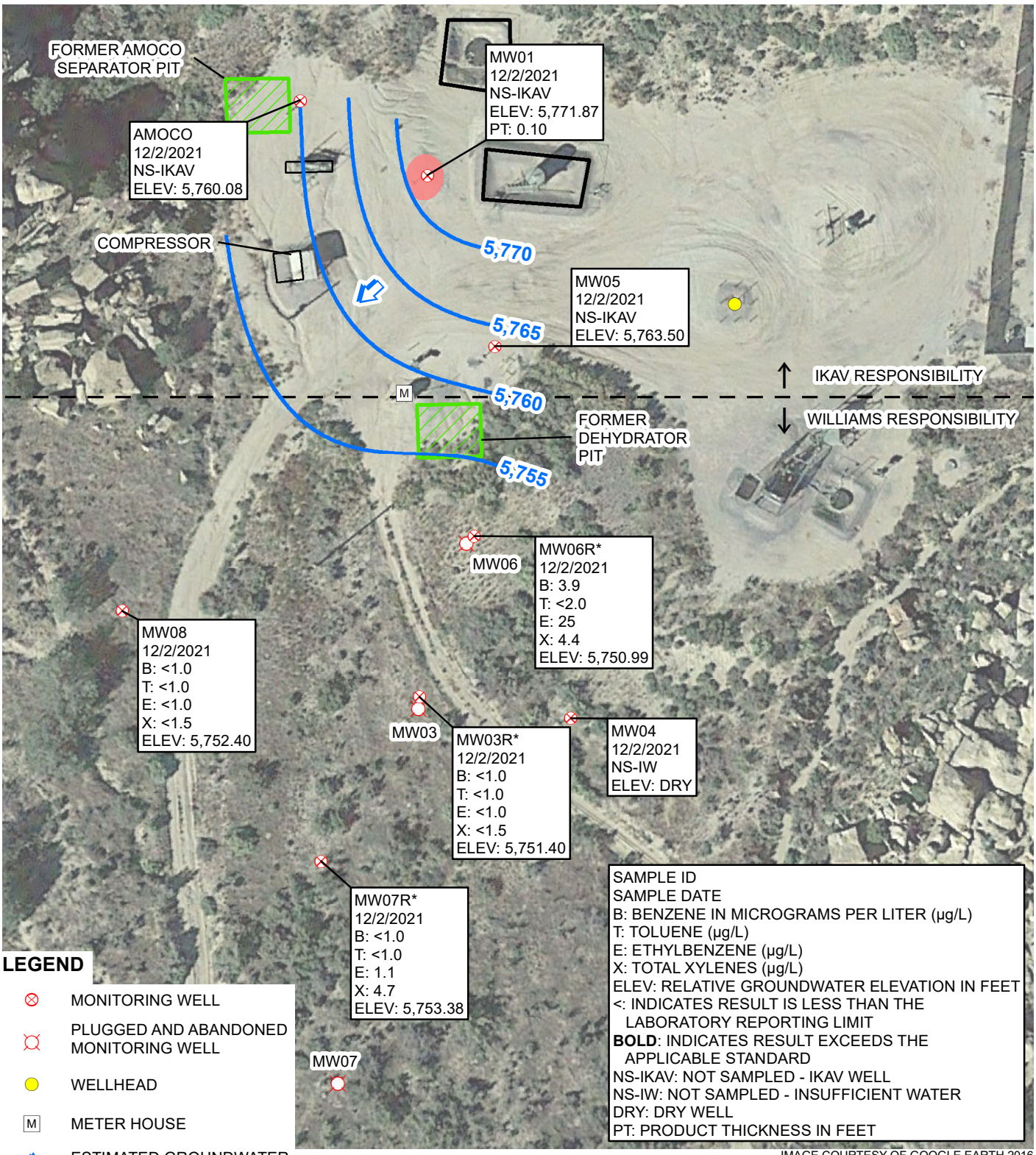


FIGURE 4
GROUNDWATER ELEVATION AND ANALYTICAL RESULTS
(SEPTEMBER 2021)
FLORANCE #40
SWNE SEC 21-T30N-R8W
SAN JUAN COUNTY, NEW MEXICO
HARVEST FOUR CORNERS, LLC

P:\Harvest Four Corners\GIS\MXD\090321002_FLORANCE_#40\090321002_FIG04_GWE_GWA_SEPT_2021.mxd



LEGEND

- MONITORING WELL
- PLUGGED AND ABANDONED MONITORING WELL
- WELLHEAD
- METER HOUSE
- ESTIMATED GROUNDWATER FLOW DIRECTION
- GROUNDWATER ELEVATION CONTOUR
- CONTOUR INTERVAL = 5.00 FEET
- BERM
- APPROXIMATE FREE PRODUCT PLUME

BGT: BELOW GRADE TANK
* INDICATES WELL WAS REPLACED IN 2019

FIGURE 5
GROUNDWATER ELEVATION AND ANALYTICAL RESULTS
(DECEMBER 2021)
FLORANCE #40
SWNE SEC 21-T30N-R8W
SAN JUAN COUNTY, NEW MEXICO
HARVEST FOUR CORNERS, LLC

P:\Harvest Four Corners\GIS\MXD\090321002_FLORANCE_#40\090321002_FIG04_GWE_GWA_DEC_2021.mxd

TABLES

Table 1

Groundwater Elevation Summary
Florance #40
San Juan County, New Mexico

Well ID	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
AMOCO	1/3/2012	6,234.87	UNK	UNK	UNK	UNK
AMOCO	4/2/2012	6,234.87	UNK	UNK	UNK	UNK
AMOCO	6/13/2012	6,234.87	UNK	UNK	UNK	UNK
AMOCO	10/2/2012	6,234.87	UNK	UNK	UNK	UNK
AMOCO	12/6/2012	6,234.87	UNK	UNK	UNK	UNK
AMOCO	2/28/2013	6,234.87	61.27	NP	NP	6,173.60
AMOCO	6/24/2013	5,822.11*	61.63	NP	NP	5,760.48
AMOCO	9/26/2013	5,822.11	61.64	NP	NP	5,760.47
AMOCO	12/6/2013	5,822.11	61.31	NP	NP	5,760.80
AMOCO	3/19/2014	5,822.11	61.36	NP	NP	5,760.75
AMOCO	6/12/2014	5,822.11	61.65	NP	NP	5,760.46
AMOCO	9/12/2014	5,822.11	61.73	NP	NP	5,760.38
AMOCO	12/4/2014	5,822.11	61.70	NP	NP	5,760.41
AMOCO	3/10/2015	5,822.11	61.71	NP	NP	5,760.40
AMOCO	6/15/2015	5,822.11	61.75	NP	NP	5,760.36
AMOCO	9/24/2015	5,822.11	61.82	NP	NP	5,760.29
AMOCO	12/17/2015	5,822.11	61.56	NP	NP	5,760.55
AMOCO	9/9/2016	5,822.11	61.70	NP	NP	5,760.41
AMOCO***	9/30/2019	5,822.19	61.80	NP	NP	5,760.39
AMOCO	3/3/2020	5,822.19	61.86	NP	NP	5,760.33
AMOCO	6/9/2020	5,822.19	62.00	NP	NP	5,760.19
AMOCO	9/23/2020	5,822.19	62.07	NP	NP	5,760.12
AMOCO	12/1/2020	5,822.19	62.16	NP	NP	5,760.03
AMOCO	3/31/2021	5,822.19	61.60	NP	NP	5,760.59
AMOCO	6/2/2021	5,822.19	62.05	NP	NP	5,760.14
AMOCO	9/9/2021	5,822.19	62.19	NP	NP	5,760.00
AMOCO	12/2/2021	5,822.19	62.11	NP	NP	5,760.08
MW01	1/3/2012	6,231.60	UNK	UNK	UNK	UNK
MW01	4/2/2012	6,231.60	UNK	UNK	UNK	UNK
MW01	6/13/2012	6,231.60	UNK	UNK	UNK	UNK
MW01	10/2/2012	6,231.60	UNK	UNK	UNK	UNK
MW01	12/6/2012	6,231.60	UNK	UNK	UNK	UNK
MW01**	2/28/2013	6,231.60	45.92	45.90	0.02	6,185.70
MW01**	6/24/2013	5,818.84*	46.00	NP	NP	5,772.84
MW01**	9/26/2013	5,818.84	45.35	NP	NP	5,773.49
MW01**	12/6/2013	5,818.84	45.42	45.40	0.02	5,773.44
MW01	3/19/2014	5,818.84	45.43	NP	NP	5,773.41
MW01	6/12/2014	5,818.84	45.40	NP	NP	5,773.44
MW01	9/12/2014	5,818.84	45.46	NP	NP	5,773.38
MW01	12/4/2014	5,818.84	DRY	DRY	DRY	DRY
MW01	3/10/2015	5,818.84	44.27	NP	NP	5,774.57
MW01	6/15/2015	5,818.84	45.59	NP	NP	5,773.25
MW01	9/24/2015	5,818.84	45.70	NP	NP	5,773.14
MW01	12/17/2015	5,818.84	45.60	NP	NP	5,773.24
MW01	9/9/2016	5,818.84	45.15	NP	NP	5,773.69
MW01***	9/30/2019	5,817.66	45.36	NP	NP	5,772.30
MW01	3/3/2020	5,817.66	45.24	NP	NP	5,772.42
MW01	6/9/2020	5,817.66	45.35	NP	NP	5,772.31
MW01	9/23/2020	5,817.66	45.40	NP	NP	5,772.26
MW01	12/1/2020	5,817.66	45.38	NP	NP	5,772.28
MW01	3/31/2021	5,817.66	45.64	NP	NP	5,772.02
MW01	6/2/2021	5,817.66	45.58	NP	NP	5,772.08
MW01	9/9/2021	5,817.66	44.49	NP	NP	5,773.17
MW01	12/2/2021	5,817.66	45.79	45.69	0.10	5,771.87
MW03	1/3/2012	6,219.05	UNK	UNK	UNK	UNK

Table 1

Groundwater Elevation Summary
Florance #40
San Juan County, New Mexico

Well ID	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW03	4/2/2012	6,219.05	UNK	UNK	UNK	UNK
MW03	6/13/2012	6,219.05	UNK	UNK	UNK	UNK
MW03	10/2/2012	6,219.05	UNK	UNK	UNK	UNK
MW03	12/6/2012	6,219.05	UNK	UNK	UNK	UNK
MW03	2/28/2013	6,219.05	DRY	DRY	DRY	DRY
MW03	6/24/2013	5,806.34*	DRY	DRY	DRY	DRY
MW03	9/26/2013	5,806.34	DRY	DRY	DRY	DRY
MW03	12/6/2013	5,806.34	DRY	DRY	DRY	DRY
MW03	3/19/2014	5,806.34	DRY	DRY	DRY	DRY
MW03	6/12/2014	5,806.34	DRY	DRY	DRY	DRY
MW03	9/12/2014	5,806.34	DRY	DRY	DRY	DRY
MW03	12/4/2014	5,806.34	DRY	DRY	DRY	DRY
MW03	3/10/2015	5,806.34	DRY	DRY	DRY	DRY
MW03	6/15/2015	5,806.34	DRY	DRY	DRY	DRY
MW03	9/24/2015	5,806.34	DRY	DRY	DRY	DRY
MW03	12/17/2015	5,806.34	DRY	DRY	DRY	DRY
MW03	9/9/2016	5,806.34	DRY	DRY	DRY	DRY
MW03R***	9/30/2019	5,805.45	48.60	NP	NP	5,756.85
MW03R	3/3/2020	5,805.45	49.97	NP	NP	5,755.48
MW03R	6/9/2020	5,805.45	48.50	NP	NP	5,756.95
MW03R	9/23/2020	5,805.45	49.29	NP	NP	5,756.16
MW03R	12/1/2020	5,805.45	53.22	NP	NP	5,752.23
MW03R	3/31/2021	5,805.45	53.68	NP	NP	5,751.77
MW03R	6/2/2021	5,805.45	53.66	NP	NP	5,751.79
MW03R	9/9/2021	5,805.45	53.77	NP	NP	5,751.68
MW03R	12/2/2021	5,805.45	54.05	NP	NP	5,751.40
MW04	1/3/2012	6,219.64	UNK	UNK	UNK	UNK
MW04	4/2/2012	6,219.64	UNK	UNK	UNK	UNK
MW04	6/13/2012	6,219.64	UNK	UNK	UNK	UNK
MW04	10/2/2012	6,219.64	UNK	UNK	UNK	UNK
MW04	12/6/2012	6,219.64	UNK	UNK	UNK	UNK
MW04	2/28/2013	6,219.64	46.61	46.59	0.02	6,173.05
MW04	6/24/2013	5,806.56*	46.72	46.71	0.01	5,759.85
MW04	9/26/2013	5,806.56	48.28	48.25	0.03	5,758.30
MW04	12/6/2013	5,806.56	48.44	48.42	0.02	5,758.14
MW04	3/19/2014	5,806.56	48.32	NP	NP	5,758.24
MW04	6/12/2014	5,806.56	48.64	NP	NP	5,757.92
MW04	9/12/2014	5,806.56	49.38	NP	NP	5,757.18
MW04	12/4/2014	5,806.56	49.71	NP	NP	5,756.85
MW04	3/10/2015	5,806.56	49.74	NP	NP	5,756.82
MW04	6/15/2015	5,806.56	49.88	NP	NP	5,756.68
MW04	9/24/2015	5,806.56	50.17	NP	NP	5,756.39
MW04	12/17/2015	5,806.56	50.43	NP	NP	5,756.13
MW04	9/9/2016	5,806.56	51.43	NP	NP	5,755.13
MW04***	9/30/2019	5,806.60	53.66	NP	NP	5,752.94
MW04	3/3/2020	5,806.60	54.17	NP	NP	5,752.43
MW04	6/9/2020	5,806.60	45.36	NP	NP	5,761.24
MW04	9/23/2020	5,806.60	54.98	NP	NP	5,751.62
MW04	12/1/2020	5,806.60	55.09	NP	NP	5,751.51
MW04	3/31/2021	5,806.60	DRY	NP	NP	DRY
MW04	6/2/2021	5,806.60	DRY	NP	NP	DRY
MW04	9/9/2021	5,806.60	DRY	NP	NP	DRY
MW04	12/2/2021	5,806.60	DRY	NP	NP	DRY
MW05	1/3/2012	6,228.57	UNK	UNK	UNK	UNK

Table 1

Groundwater Elevation Summary
Florance #40
San Juan County, New Mexico

Well ID	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW05	4/2/2012	6,228.57	UNK	UNK	UNK	UNK
MW05	6/13/2012	6,228.57	UNK	UNK	UNK	UNK
MW05	10/2/2012	6,228.57	UNK	UNK	UNK	UNK
MW05	12/6/2012	6,228.57	UNK	UNK	UNK	UNK
MW05	2/28/2013	6,228.57	52.16	NP	NP	6,176.41
MW05	6/24/2013	5,815.74*	52.12	NP	NP	5,763.62
MW05	9/26/2013	5,815.74	52.23	NP	NP	5,763.51
MW05	12/6/2013	5,815.74	DRY	DRY	DRY	DRY
MW05	3/19/2014	5,815.74	52.17	NP	NP	5,763.57
MW05	6/12/2014	5,815.74	DRY	DRY	DRY	DRY
MW05	9/12/2014	5,815.74	52.20	NP	NP	5,763.54
MW05	12/4/2014	5,815.74	52.20	NP	NP	5,763.54
MW05	3/10/2015	5,815.74	DRY	DRY	DRY	DRY
MW05	6/15/2015	5,815.74	52.25	NP	NP	5,763.49
MW05	9/24/2015	5,815.74	DRY	DRY	DRY	DRY
MW05	12/17/2015	5,815.74	52.20	NP	NP	5,763.54
MW05	9/9/2016	5,815.74	DRY	DRY	DRY	DRY
MW05***	9/30/2019	5,815.79	DRY	DRY	DRY	DRY
MW05	3/3/2020	5,815.79	52.22	NP	NP	5,763.57
MW05	6/9/2020	5,815.79	52.21	NP	NP	5,763.58
MW05	9/23/2020	5,815.79	DRY	NP	NP	DRY
MW05	12/1/2020	5,815.79	DRY	NP	NP	DRY
MW05	3/31/2021	5,815.79	52.31	NP	NP	5,763.48
MW05	6/2/2021	5,815.79	DRY	NP	NP	DRY
MW05	12/2/2021	5,815.79	52.29	NP	NP	5,763.50
MW06	1/3/2012	6,221.28	UNK	UNK	UNK	UNK
MW06	4/2/2012	6,221.28	UNK	UNK	UNK	UNK
MW06	6/13/2012	6,221.28	UNK	UNK	UNK	UNK
MW06	10/2/2012	6,221.28	UNK	UNK	UNK	UNK
MW06	12/6/2012	6,221.28	UNK	UNK	UNK	UNK
MW06	3/6/2013	6,221.28	DRY	DRY	DRY	DRY
MW06	6/24/2013	5,808.50*	DRY	DRY	DRY	DRY
MW06	9/26/2013	5,808.50	44.37	NP	NP	5,764.13
MW06	12/6/2013	5,808.50	44.39	NP	NP	5,764.11
MW06	3/19/2014	5,808.50	DRY	DRY	DRY	DRY
MW06	6/12/2014	5,808.50	DRY	DRY	DRY	DRY
MW06	9/12/2014	5,808.50	DRY	DRY	DRY	DRY
MW06	12/4/2014	5,808.50	DRY	DRY	DRY	DRY
MW06	3/10/2015	5,808.50	DRY	DRY	DRY	DRY
MW06	6/15/2015	5,808.50	DRY	DRY	DRY	DRY
MW06	9/24/2015	5,808.50	DRY	DRY	DRY	DRY
MW06	12/17/2015	5,808.50	44.36	NP	NP	5,764.14
MW06	9/9/2016	5,808.50	DRY	DRY	DRY	DRY
MW06R***	9/30/2019	5,808.59	55.28	NP	NP	5,753.31
MW06R	3/3/2020	5,080.59	51.83	NP	NP	5,028.76
MW06R	6/9/2020	5,808.59	56.01	NP	NP	5,752.58
MW06R	9/23/2020	5,808.59	56.42	NP	NP	5,752.17
MW06R	12/1/2020	5,808.59	56.70	NP	NP	5,751.89
MW06R	3/31/2021	5,808.59	57.16	NP	NP	5,751.43
MW06R	6/2/2021	5,808.59	57.27	NP	NP	5,751.32
MW06R	9/9/2021	5,808.59	57.37	NP	NP	5,751.22
MW06R	12/2/2021	5,808.59	57.60	NP	NP	5,750.99
MW07	1/3/2012	6,211.30	UNK	UNK	UNK	UNK
MW07	4/2/2012	6,211.30	UNK	UNK	UNK	UNK

Table 1

Groundwater Elevation Summary
Florance #40
San Juan County, New Mexico

Well ID	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW07	6/13/2012	6,211.30	UNK	UNK	UNK	UNK
MW07	10/2/2012	6,211.30	UNK	UNK	UNK	UNK
MW07	12/6/2012	6,211.30	UNK	UNK	UNK	UNK
MW07	2/28/2013	6,211.30	DRY	DRY	DRY	DRY
MW07	6/24/2013	5,798.73*	DRY	DRY	DRY	DRY
MW07	9/26/2013	5,798.73	DRY	DRY	DRY	DRY
MW07	12/6/2013	5,798.73	DRY	DRY	DRY	DRY
MW07	3/19/2014	5,798.73	DRY	DRY	DRY	DRY
MW07	6/12/2014	5,798.73	DRY	DRY	DRY	DRY
MW07	9/12/2014	5,798.73	DRY	DRY	DRY	DRY
MW07	9/12/2014	5,798.73	DRY	DRY	DRY	DRY
MW07	12/4/2014	5,798.73	DRY	DRY	DRY	DRY
MW07	3/10/2015	5,798.73	DRY	DRY	DRY	DRY
MW07	6/15/2015	5,798.73	DRY	DRY	DRY	DRY
MW07	9/24/2015	5,798.73	DRY	DRY	DRY	DRY
MW07	12/17/2015	5,798.73	DRY	DRY	DRY	DRY
MW07	9/9/2016	5,798.73	DRY	DRY	DRY	DRY
MW07R***	9/30/2019	5,803.01	48.59	NP	NP	5,754.42
MW07R	3/3/2020	5,803.01	48.64	NP	NP	5,754.37
MW07R	6/9/2020	5,803.01	48.72	NP	NP	5,754.29
MW07R	9/23/2020	5,803.01	49.10	NP	NP	5,753.91
MW07R	12/1/2020	5,803.01	49.29	NP	NP	5,753.72
MW07R	3/31/2021	5,803.01	49.23	NP	NP	5,753.78
MW07R	6/2/2021	5,803.01	49.18	NP	NP	5,753.83
MW07R	9/9/2021	5,803.01	49.56	NP	NP	5,753.45
MW07R	12/2/2021	5,803.01	49.63	NP	NP	5,753.38
MW08***	9/30/2019	5,812.70	58.41	NP	NP	5,754.29
MW08	3/3/2020	5,812.70	58.82	NP	NP	5,753.88
MW08	6/9/2020	5,812.70	59.05	NP	NP	5,753.65
MW08	9/23/2020	5,812.70	59.30	NP	NP	5,753.40
MW08	12/1/2020	5,812.70	59.50	NP	NP	5,753.20
MW08	3/31/2021	5,812.70	60.00	NP	NP	5,752.70
MW08	6/2/2021	5,812.70	60.02	NP	NP	5,752.68
MW08	9/9/2021	5,812.70	60.25	NP	NP	5,752.45
MW08	12/2/2021	5,812.70	60.30	NP	NP	5,752.40

AMSL - above mean sea level
BTOC - below top of casing
UNK - data are not known
NP - no product
* Top of casing elevation was resurveyed on 6/20/13
** Product recovery sock was present in well
*** Top of casing elevation resurveyed on 12/18/19
Groundwater elevation calculation in wells with product: (Top of Casing Elevation - Depth to Water) + (Product Thickness * 0.8)

Table 2

Groundwater Laboratory Analytical Results
Florance #40
San Juan County, New Mexico

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1000**	**700**	**620**
AMOCO	11/15/2000	**966**	64.4	**1,070**	**12,700**
AMOCO	1/22/2001	**1,210**	299	**1,750**	**19,400**
AMOCO	4/30/2001	**1,080**	71	**1,030**	**11,600**
AMOCO	10/16/2001	**930**	13	**1,100**	**12,000**
AMOCO	3/30/2002	**610**	790	**1,100**	**13,000**
AMOCO	6/16/2002	**740**	ND	**3,400**	**22,000**
AMOCO	12/13/2002	**570**	ND	670	**8,400**
AMOCO	12/3/2003	**440**	<100	**760**	**8,600**
AMOCO	3/10/2004	**200**	56	430	**7,400**
AMOCO	6/27/2004	**270**	150	600	**6,600**
AMOCO	9/20/2004	**210**	61	430	**3,900**
AMOCO	12/6/2004	**1,000**	100	**750**	**7,800**
AMOCO	3/8/2005	**330**	94	730	**5,900**
AMOCO	11/30/2005	**325**	59.7	**809**	**11,400**
AMOCO	7/18/2006	**375**	<20.0	**1,100**	**9,010**
AMOCO	3/27/2008	**168**	<25.0	**1,800**	**10,200**
AMOCO	3/27/2008	**183**	<25.0	**3,920**	**11,000**
AMOCO	6/4/2008	**211**	<25.0	**1,350**	**8,170**
AMOCO	9/18/2008	**169**	<50.0	**2,110**	**17,500**
AMOCO	12/5/2008	**134**	<100	**1,280**	**10,900**
AMOCO	3/28/2009	**130**	<100	**1760**	**15,800**
AMOCO	7/8/2009	**220**	<50.0	**2,350**	**16,400**
AMOCO	9/11/2009	**133**	<100	**2,880**	**20,700**
AMOCO	12/20/2019	**106**	<10.0	**823**	**5,450**
AMOCO	3/29/2010	**114**	<100	**1,230**	**8,840**
AMOCO	6/23/2010	**116**	<25.0	**3,400**	**19,000**
AMOCO	9/10/2010	**112**	<50.0	**2,980**	**22,000**
AMOCO	12/4/2010	**103**	<50.0	**1,710**	**10,900**
AMOCO	3/11/2011	**78.1**	23.3	**1,130**	**6,350**
AMOCO	6/14/2011	**88.1**	<10	**1,980**	**14,200**
AMOCO	9/12/2011	**75.6**	<1.0	670	**3,710**
AMOCO	1/3/2012	**73.8**	<5.0	732	**3,380**

Table 2

Groundwater Laboratory Analytical Results
Florance #40
San Juan County, New Mexico

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1000**	**700**	**620**
AMOCO	4/2/2012	NS	NS	NS	NS
AMOCO	6/13/2012	**81.8**	30.5	**966**	**4,480**
AMOCO	10/2/2012	**71.6**	<5.0	**881**	**4,320**
AMOCO	12/6/2012	**80.4**	<5.0	**952**	**3,730**
AMOCO	2/28/2013	**60**	<50	650	**4,200**
AMOCO	6/24/2013	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	9/26/2013	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	12/6/2013	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	3/19/2014	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	6/12/2014	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	9/12/2014	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	12/4/2014	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	3/10/2015	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	6/15/2015	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	9/24/2015	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	12/17/2015	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	9/30/2019	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	3/3/2020	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	6/9/2020	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	12/1/2020	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	3/31/2021	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	6/2/2021	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	9/9/2021	NS-BP	NS-BP	NS-BP	NS-BP
AMOCO	12/2/2021	NS-BP	NS-BP	NS-BP	NS-BP
MW01	1/2/1997	**357**	**1,550**	**1,060**	**5,830**
MW01	5/8/1997	**3,643**	**11,525**	**1,097**	**16,005**
MW01	8/13/1997	**3,653**	**12,785**	**1,160**	**16,191**
MW01	11/25/1997	**3,942**	**14,574**	**1,262**	**17,568**
MW01	1/23/1998	**4,421**	**15,035**	**1,181**	**19,184**
MW01	4/28/1998	**4,000**	**13,000**	**1,000**	**18,800**
MW01	8/7/1998	**3,600**	**11,000**	**970**	**15,400**
MW01	12/15/1998	**3,800**	**7,200**	**670**	**17,900**

Table 2

Groundwater Laboratory Analytical Results
Florance #40
San Juan County, New Mexico

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1000**	**700**	**620**
MW01	2/9/1999	**3,400**	**5,300**	**1,100**	**18,900**
MW01	4/21/1999	**3,500**	**3,500**	**810**	**16,500**
MW01	7/28/1999	**2,700**	**1,800**	**220**	**15,300**
MW01	11/1/1999	**3,200**	**1,100**	**910**	**17,600**
MW01	7/13/2006	**16**	6	**<1.0**	**57**
MW01	1/3/2012	NS	NS	NS	NS
MW01	4/2/2012	NS	NS	NS	NS
MW01	6/13/2012	NS	NS	NS	NS
MW01	10/2/2012	NS	NS	NS	NS
MW01	12/6/2012	**1,670**	<10.0	**1,300**	**995**
MW01	2/28/2013	NS-BP	NS-BP	NS-BP	NS-BP
MW01	6/24/2013	NS-BP	NS-BP	NS-BP	NS-BP
MW01	9/12/2013	NS-BP	NS-BP	NS-BP	NS-BP
MW01	12/6/2013	NS-BP	NS-BP	NS-BP	NS-BP
MW01	3/19/2014	NS-BP	NS-BP	NS-BP	NS-BP
MW01	6/12/2014	NS-BP	NS-BP	NS-BP	NS-BP
MW01	9/12/2014	NS-BP	NS-BP	NS-BP	NS-BP
MW01	12/4/2014	NS-BP	NS-BP	NS-BP	NS-BP
MW01	3/10/2015	NS-BP	NS-BP	NS-BP	NS-BP
MW01	6/15/2015	NS-BP	NS-BP	NS-BP	NS-BP
MW01	9/24/2015	NS-BP	NS-BP	NS-BP	NS-BP
MW01	12/17/2015	NS-BP	NS-BP	NS-BP	NS-BP
MW01	9/30/2019	NS-BP	NS-BP	NS-BP	NS-BP
MW01	3/3/2020	NS-BP	NS-BP	NS-BP	NS-BP
MW01	6/9/2020	NS-BP	NS-BP	NS-BP	NS-BP
MW01	12/1/2020	NS-BP	NS-BP	NS-BP	NS-BP
MW01	3/31/2021	NS-BP	NS-BP	NS-BP	NS-BP
MW01	6/2/2021	NS-BP	NS-BP	NS-BP	NS-BP
MW01	9/9/2021	NS-BP	NS-BP	NS-BP	NS-BP
MW01	12/2/2021	NS-BP	NS-BP	NS-BP	NS-BP
MW03	2/6/1997	**171.0**	735	149	**1,572**
MW03	5/8/1997	**97**	27	115	302

Table 2

Groundwater Laboratory Analytical Results
Florance #40
San Juan County, New Mexico

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1000**	**700**	**620**
MW03	11/1/1999	**1,600**	820	640	**6,400**
MW03	7/13/2006	**57**	6.3	<1.0	8
MW03	1/3/2012	NS	NS	NS	NS
MW03	4/2/2012	NS	NS	NS	NS
MW03	6/13/2012	NS	NS	NS	NS
MW03	10/2/2012	NS	NS	NS	NS
MW03	12/6/2012	NS	NS	NS	NS
MW03	2/28/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW03	6/24/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW03	9/26/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW03	12/6/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW03	3/19/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW03	6/12/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW03	9/12/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW03	12/4/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW03	3/10/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW03	6/15/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW03	9/24/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW03	12/17/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW03R*	9/30/2019	**15**	<5.0	250	58
MW03R*	3/3/2020	**8.2**	<5.0	92	23
MW03R*	6/9/2020	3.9	<1.0	71	7.8
MW03R*	9/23/2020	<1.0	<1.0	<1.0	<1.5
MW03R*	12/1/2020	<1.0	<1.0	14	1.6
MW03R*	3/31/2021	<1.0	<1.0	<1.0	<1.5
MW03R*	6/2/2021	<2.0	<2.0	<2.0	<4.0
MW03R*	9/9/2021	<1.0	<1.0	<1.0	<2.0
MW03R*	12/2/2021	<1.0	<1.0	<1.0	<1.5
MW04	5/8/1997	<0.2	0.3	<0.2	0.5

Table 2

Groundwater Laboratory Analytical Results
Florance #40
San Juan County, New Mexico

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1000**	**700**	**620**
MW04	8/13/1997	<1.0	<1.0	<1.0	<1.0
MW04	11/25/1997	<0.2	<0.2	<0.2	<0.4
MW04	1/23/1998	<0.2	<0.2	<0.2	<0.4
MW04	11/15/2000	<1.0	<1.0	<1.0	<1.0
MW04	1/22/2001	**15.1**	46.1	14.7	306
MW04	4/30/2001	**103**	3.85	2.38	42.5
MW04	10/16/2001	<2.0	<2.0	<2.0	<2.0
MW04	3/30/2002	**42**	13	19	150
MW04	6/16/2002	**56**	32	68	470
MW04	9/25/2002	**170**	85	170	**1,200**
MW04	12/13/2002	**130**	39	180	**990**
MW04	3/8/2005	**17**	15	170	**1,100**
MW04	7/18/2006	**<20.0**	<20.0	230	**1,640**
MW04	3/27/2008	<10.0	<10.0	285	**2,390**
MW04	6/4/2008	<1.0	<10.0	232	**1,830**
MW04	9/18/2008	<5.0	16.1	218	**1,640**
MW04	12/5/2008	<5.0	<5.0	55.6	410
MW04	3/28/2009	<5.0	<5.0	111	**732**
MW04	7/8/2009	6.1	<5.0	91.2	587
MW04	9/11/2009	<1.0	<1.0	39.9	199
MW04	12/20/2009	<1.0	<1.0	28.1	145
MW04	3/29/2010	<5.0	7.1	65.5	360
MW04	6/23/2010	<5.0	<5.0	70.1	439
MW04	9/10/2010	<1.0	<1.0	11.8	110
MW04	12/4/2010	<5.0	<5.0	15.8	152
MW04	3/11/2011	<5.0	<5.0	18.1	167
MW04	6/14/2011	<1.0	<1.0	4.9	33.3
MW04	9/12/2011	<1.0	<1.0	<1.0	7.9
MW04	1/3/2012	<1.0	<1.0	<1.0	3.6
MW04	4/2/2012	NS	NS	NS	NS
MW04	6/13/2012	<1.0	<1.0	<1.0	<3.0
MW04	10/2/2012	<5.0	<5.0	<5.0	<15.0

Table 2

Groundwater Laboratory Analytical Results
Florance #40
San Juan County, New Mexico

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1000**	**700**	**620**
MW04	12/6/2012	<1.0	<1.0	<1.0	<3.0
MW04	2/28/2013	NSP	NSP	NSP	NSP
MW04	6/24/2013	NSP	NSP	NSP	NSP
MW04	9/26/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW04	12/6/2013	NSP	NSP	NSP	NSP
MW04	3/19/2014	<1.0	<1.0	3.9	12
MW04	6/12/2014	<2.0	<2.0	<2.0	7.2
MW04	9/12/2014	<1.0	<1.0	<1.0	5.7
MW04	12/4/2014	<2.0	<2.0	<2.0	5.2
MW04	3/10/2015	<2.0	<2.0	<2.0	<4.0
MW04	6/15/2015	<1.0	<1.0	<1.0	<2.0
MW04	9/24/2015	<1.0	<1.0	<1.0	<1.5
MW04	12/17/2015	<1.0	<1.0	<1.0	<2.0
MW04	9/30/2019	<1.0	<1.0	<1.0	<2.0
MW04	3/3/2020	NS	NS	NS	NS
MW04	6/9/2020	NS	NS	NS	NS
MW04	12/1/2020	NS-IW	NS-IW	NS-IW	NS-IW
MW04	3/31/2021	NS-IW	NS-IW	NS-IW	NS-IW
MW04	6/2/2021	NS-IW	NS-IW	NS-IW	NS-IW
MW04	9/9/2021	NS-IW	NS-IW	NS-IW	NS-IW
MW04	12/2/2021	NS-IW	NS-IW	NS-IW	NS-IW
MW05	5/8/1997	<2.0	0.3	<0.2	0.4
MW05	8/13/1997	**3,683**	**12,739**	**1,143**	**16,086**
MW05	11/25/1997	<0.2	<0.2	<0.2	<0.4
MW05	1/23/1998	**4,299**	**14,477**	**1,120**	**18,281**
MW05	2/9/1999	**3,500**	**5,100**	**100**	**17,700**
MW05	4/21/1999	**3,300**	**3,400**	**790**	**16,400**
MW05	3/21/2000	**730**	220	**1,200**	**11,600**
MW05	6/14/2000	**800**	**33**	**980**	**5,890**
MW05	11/15/2000	**953**	65	**1,600**	**8,010**
MW05	1/22/2001	**818**	<1	**1,390**	**7,530**

Table 2

Groundwater Laboratory Analytical Results
Florance #40
San Juan County, New Mexico

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1000**	**700**	**620**
MW05	4/30/2001	**873**	124	**1,450**	**4,320**
MW05	10/16/2001	**770**	73	**1,300**	**8,000**
MW05	3/30/2002	**350**	12	540	440
MW05	6/16/2002	**300**	ND	290	110
MW05	9/25/2002	**250**	15	110	330
MW05	12/13/2002	**100**	ND	48	150
MW05	7/13/2006	**22**	8	<1.0	45
MW05	1/3/2012	<1.0	<1.0	<1.0	3.6
MW05	4/2/2012	NS	NS	NS	NS
MW05	6/13/2012	<1.0	<1.0	<1.0	<3.0
MW05	10/2/2012	<5.0	<5.0	<5.0	<15.0
MW05	12/6/2012	<1.0	<1.0	<1.0	<3.0
MW05	2/28/2013	NS-BP	NS-BP	NS-BP	NS-BP
MW05	6/24/2013	NS-BP	NS-BP	NS-BP	NS-BP
MW05	9/26/2013	NS-BP	NS-BP	NS-BP	NS-BP
MW05	12/6/2013	NS-BP	NS-BP	NS-BP	NS-BP
MW05	3/19/2014	NS-BP	NS-BP	NS-BP	NS-BP
MW05	6/12/2014	NS-BP	NS-BP	NS-BP	NS-BP
MW05	6/12/2014	NS-BP	NS-BP	NS-BP	NS-BP
MW05	9/12/2014	NS-BP	NS-BP	NS-BP	NS-BP
MW05	12/4/2014	NS-BP	NS-BP	NS-BP	NS-BP
MW05	3/10/2015	NS-BP	NS-BP	NS-BP	NS-BP
MW05	6/15/2015	NS-BP	NS-BP	NS-BP	NS-BP
MW05	9/24/2015	NS-BP	NS-BP	NS-BP	NS-BP
MW05	12/17/2015	NS-BP	NS-BP	NS-BP	NS-BP
MW05	9/30/2019	NS-BP	NS-BP	NS-BP	NS-BP
MW05	3/3/2020	NS-BP	NS-BP	NS-BP	NS-BP
MW05	6/9/2020	NS-BP	NS-BP	NS-BP	NS-BP
MW05	12/1/2020	NS-BP	NS-BP	NS-BP	NS-BP
MW05	3/31/2021	NS-BP	NS-BP	NS-BP	NS-BP
MW05	6/2/2021	NS-BP	NS-BP	NS-BP	NS-BP
MW05	9/9/2021	NS-BP	NS-BP	NS-BP	NS-BP
MW05	12/2/2021	NS-BP	NS-BP	NS-BP	NS-BP

Table 2

Groundwater Laboratory Analytical Results
Florance #40
San Juan County, New Mexico

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1000**	**700**	**620**
MW06	3/21/2000	**4,200**	**12,000**	**1,300**	**15,200**
MW06	6/14/2000	**4,400**	**11,000**	**1,200**	**15,200**
MW06	7/13/2006	**795**	**1,480**	**285**	**2,450**
MW06	3/27/2008	**3,670**	**2,150**	**1,210**	**14,300**
MW06	6/4/2008	**2,380**	**1,370**	580	**11,900**
MW06	9/18/2008	**3,600**	278	**1,290**	**18,100**
MW06	12/5/2008	**1,580**	85.3	**828**	**10,100**
MW06	3/28/2009	**1,790**	95	**886**	**15,300**
MW06	9/11/2009	**1,200**	95	523	**3,580**
MW06	6/23/2010	**815**	75.3	32.3	**3,090**
MW06	9/10/2010	**674**	129	28.7	**4,010**
MW06	1/3/2012	NS	NS	NS	NS
MW06	4/2/2012	**86.7**	28	**799**	**4,240**
MW06	6/13/2012	NS	NS	NS	NS
MW06	10/2/2012	NS	NS	NS	NS
MW06	12/6/2012	NS	NS	NS	NS
MW06	3/6/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW06	6/24/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW06	9/26/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW06	12/6/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW06	3/19/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW06	6/12/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW06	6/12/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW06	9/12/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW06	12/4/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW06	3/10/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW06	6/15/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW06	9/24/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW06	12/17/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW06R*	9/30/2019	**15**	<1.0	7.1	42

Table 2

Groundwater Laboratory Analytical Results
Florance #40
San Juan County, New Mexico

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1000**	**700**	**620**
MW06R*	3/3/2020	4.7	<1.0	1.4	<2.0
MW06R*	6/9/2020	1.9	<1.0	<1.0	<2.0
MW06R*	9/23/2020	3.7	<1.0	2.7	<3.0
MW06R*	12/1/2020	**5.4**	<1.0	9.6	<1.5
MW06R*	3/31/2021	2.3	<1.0	5.8	4.8
MW06R*	6/2/2021	3.8	<1.0	7.0	11
MW06R*	9/9/2021	2.6	<1.0	4.9	5.9
MW06R*	12/2/2021	3.9	<2.0	25	4.4
MW07	3/21/2000	<0.5	<0.5	<0.5	5.9
MW07	6/14/2000	<0.5	<0.5	<0.5	<1.5
MW07	11/15/2000	<1.0	<1.0	<1.0	<1.0
MW07	1/22/2001	<1.0	5.79	1.51	42.4
MW07	4/30/2001	<1.0	<1.0	<1.0	<1.0
MW07	10/16/2001	<1.0	<2.0	<2.0	3.2
MW07	12/3/2003	<2.0	<2.0	<2.0	<5.0
MW07	3/10/2004	ND	ND	ND	ND
MW07	6/27/2004	ND	ND	ND	ND
MW07	9/20/2004	ND	ND	ND	ND
MW07	12/6/2004	<2.0	<2.0	<2.0	<5.0
MW07	3/8/2005	<2.0	<2.0	<2.0	5.7
MW07	6/19/2005	<2.0	<2.0	<2.0	<5.0
MW07	9/15/2005	<2.0	<2.0	<2.0	<5.0
MW07	11/30/2005	<2.0	<2.0	<2.0	<5.0
MW07	7/13/2006	<1.0	<1.0	<1.0	<3.0
MW07	3/27/2008	<1.0	<1.0	<1.0	<3.0
MW07	6/4/2008	<1.0	<1.0	<1.0	<3.0
MW07	9/18/2008	<1.0	<1.0	<1.0	<3.0
MW07	12/5/2008	<1.0	<1.0	<1.0	<3.0
MW07	3/28/2009	<1.0	<1.0	<1.0	<3.0
MW07	7/8/2009	<1.0	<1.0	<1.0	<3.0

Table 2

Groundwater Laboratory Analytical Results
Florance #40
San Juan County, New Mexico

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1000**	**700**	**620**
MW07	9/11/2009	<1.0	<1.0	<1.0	<3.0
MW07	12/20/2009	<1.0	<1.0	<1.0	<3.0
MW07	3/29/2010	<5.0	<5.0	<5.0	<15.0
MW07	6/23/2010	<1.0	<1.0	<1.0	<3.0
MW07	9/10/2010	<1.0	<1.0	<1.0	<3.0
MW07	12/4/2010	<1.0	<1.0	<1.0	<3.0
MW07	3/11/2011	<1.0	<1.0	<1.0	<3.0
MW07	6/14/2011	<1.0	<1.0	<1.0	<3.0
MW07	9/12/2011	<1.0	<1.0	<1.0	<3.0
MW07	1/3/2012	<1.0	<1.0	<1.0	<3.0
MW07	4/2/2012	<1.0	<1.0	<1.0	<3.0
MW07	6/13/2012	NS	NS	NS	NS
MW07	10/2/2012	NS	NS	NS	NS
MW07	12/6/2012	NS	NS	NS	NS
MW07	2/28/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW07	6/24/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW07	9/26/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW07	12/6/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW07	3/19/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW07	6/12/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW07	9/12/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW07	12/4/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW07	3/10/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW07	6/15/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW07	9/24/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW07	12/17/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW07R*	9/30/2019	**6.7**	<1.0	78	200
MW07R*	3/3/2020	1.1	<1.0	1.1	2.3
MW07R*	6/9/2020	2.1	<1.0	5.1	18
MW07R*	9/23/2020	1.1	<1.0	<1.0	6.4
MW07R*	12/1/2020	1.9	<1.0	3.1	15
MW07R*	3/31/2021	<1.0	<1.0	1.8	8.7

Table 2

Groundwater Laboratory Analytical Results
Florance #40
San Juan County, New Mexico

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1000**	**700**	**620**
MW07R*	6/2/2021	1.0	<1.0	<1.0	4.8
MW07R*	9/9/2021	<1.0	<1.0	<1.0	<2.0
MW07R*	12/2/2021	<1.0	<1.0	1.1	4.7
MW08	9/30/2019	<1.0	<1.0	<1.0	<2.0
MW08	3/3/2020	<1.0	<1.0	<1.0	<2.0
MW08	6/9/2020	<1.0	<1.0	<1.0	<2.0
MW08	9/23/2020	<1.0	<1.0	<1.0	<1.5
MW08	12/1/2020	<1.0	<1.0	<1.0	<1.5
MW08	3/31/2021	<1.0	<1.0	<1.0	<1.5
MW08	6/2/2021	<1.0	<1.0	<1.0	<2.0
MW08	9/9/2021	<1.0	<1.0	<1.0	<2.0
MW08	12/2/2021	<1.0	<1.0	<1.0	<1.5

NOTES:

µg/L - micrograms per liter

Bold indicates sample exceeds NMWQCC standard

< - indicates result is less than laboratory reporting detection limit

NMWQCC - New Mexico Water Quality Control Commission

NS- BP - not sampled, monitoring well is BP's responsibility

NS - not sampled

NS-IW - not sampled - Insufficient water

NSP - not sampled due to the presence of free phase hydrocarbons in the well

* - indicates well was replaced in 2019

ENCLOSURE A – GROUNDWATER COLLECTION FORMS

WSP USA Inc.
848 E. 2nd Ave.
Durango, Colorado 81301
T 970.385.1096

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number:
Project Location: Florance #40
Sampler: Josh Adams

Sample ID: MW3R
Sample Date: 3-31-21
Laboratory: Hall Environmental
Analyses: BTEX 8021
Matrix: Groundwater
Sample Time: 1407
Shipping Method: Hand Delivery

Depth to Water: 53.68
Time: 1405
Total Depth of Well: 55.69
Depth to Product: ND

Vol. of Water to Purge: ≈ 1.0 gallons (height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols
Method of Purging: PVC bailer
Method of Sampling: PVC bailer

Time	Vol. Removed	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F)	Conductivity (us or ms)	Comments

Comments: Grab sample. water was black cloudy, sulfer odor

Describe Deviations from SOP: Reacted w/ HCL, used HgCl2 VOA, grab sample due to insufficient H_2O

Signature: Josh Adams
Date: 3-31-21

WSP USA Inc.
848 E. 2nd Ave.
Durango, Colorado 81301
T 970.385.1096

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number:
Project Location: Florance #40
Sampler:
Sample ID: MW6R
Sample Date: 3-31-21
Matrix: Groundwater
Sample Time: 500
Laboratory: Hall Environmental
Shipping Method: Hand Delivery
Analyses: BTEX 8021
Depth to Water: 57.16
Time:
Total Depth of Well: 59.51
Depth to Product:
Vol. of Water to Purge: ≈ 1.25 gallons (height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols
Method of Purging: PVC bailer
Method of Sampling: PVC bailer

Time	Vol. Removed	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F)	Conductivity (us or ms)	Comments
	Grab					

Comments: Grab sample

Describe Deviations from SOP:

Signature: [signature]
Date: 3-31-21

WSP USA Inc.
848 E. 2nd Ave.
Durango, Colorado 81301
T 970.385.1096

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number:
Project Location: Florance #40
Sampler: Josh Adams

Sample ID: MW7R
Sample Date: 3-31-21
Laboratory: Hall Environmental
Analyses: BTEX 8021
Matrix: Groundwater
Sample Time: 1355
Shipping Method: Hand Delivery

Depth to Water: 49.23
Time: 1300
Total Depth of Well:
Depth to Product: ND

Vol. of Water to Purge: ~3.0 gallons (height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols
Method of Purging: PVC bailer
Method of Sampling: PVC bailer

Time	Vol. Removed	Total Vol. Removed (gallons)	pH (std. units)	Temp. ~~(F)~~ °C	Conductivity (us or ms)	Comments
1350	0.25	0.25	7.10	18.3	3.90	grey cloudy, sulfer odor
	0.25	0.50	7.11	17.6	3.82	" "
	0.25	0.75	7.10	17.4	3.85	" "
	0.25	1.0	7.09	17.7	3.83	" "
	1.0	2.0	7.08	17.9	3.82	" "
	1.0	3.0	7.07	18.1	3.82	

Comments:

Describe Deviations from SOP:

Signature: Josh Adams
Date: 3-31-21

WSP USA Inc.
848 E. 2nd Ave.
Durango, Colorado 81301
T 970.385.1096

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number:
Project Location: Florance #40
Sampler: Sosh Adams

Sample ID: MW08
Sample Date: 3-31-21
Laboratory: Hall Environmental
Analyses: BTEX 8021
Matrix: Groundwater
Sample Time: 1440
Shipping Method: Hand Delivery

Depth to Water: 60.00
Time: 1423
Total Depth of Well: 69.00
Depth to Product: ND

Vol. of Water to Purge: ~4.5 gallons (height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols
Method of Purging: PVC bailer
Method of Sampling: PVC bailer

Time	Vol. Removed	Total Vol. Removed (gallons)	pH (std. units)	Temp. ~~(F)~~ °C	Conductivity (us or ms)	Comments
	0.5	0.5	6.99	17.6	4.42	clear
	0.5	1.0	7.05	17.3	4.41	" "
	0.5	1.5	7.02	17.1	4.41	light brown hue
	0.5	2.0	7.07	16.9	4.43	" "
	0.5	2.5	7.10	16.9	4.43	" "
	0.5	3.0	7.10	16.9	4.42	" "
	0.5	3.5	7.13	16.8	4.43	" "
	1.0	4.5	7.13	16.7	4.42	" "

Comments: —

Describe Deviations from SOP: ~

Signature: Josh Adams
Date: 3-31-21

WSP USA Inc.
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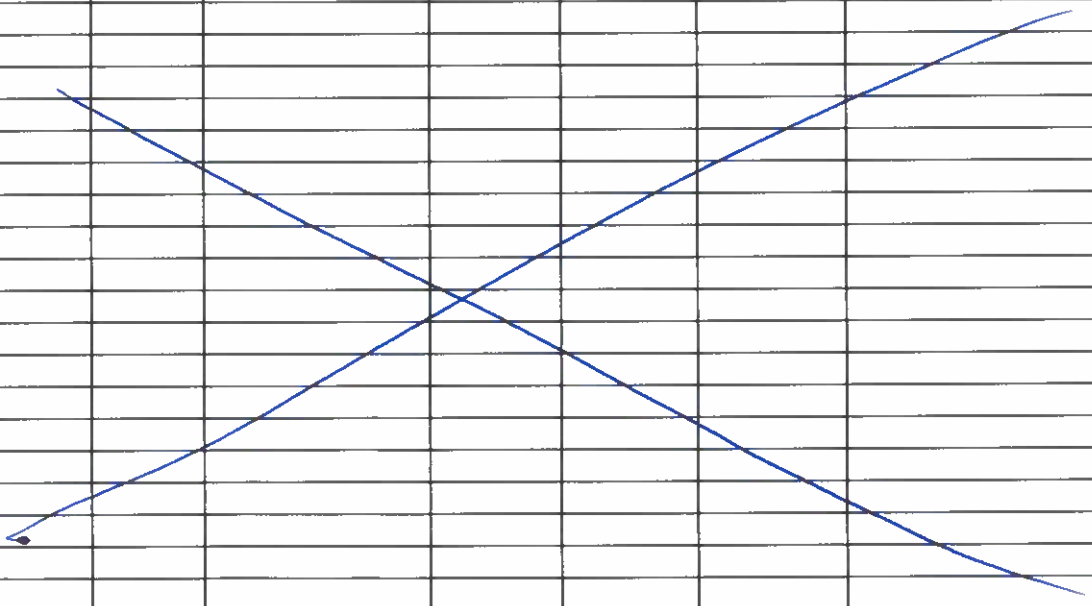
Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: TE090321002
Project Location: Florance #40
Sampler: Josh Adams
Sample ID: MW-312
Matrix: Groundwater
Sample Date: 6-2-2021
Sample Time: 1110
Laboratory: Hall Environmental
Shipping Method: Hand Delivery
Analyses: BTEX 8021
Depth to Water: 53.66
Total Depth of Well: 55.79
Time:
Depth to Product: ND

Vol. of Water to Purge: ~1.0 gallons (height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols
Method of Purging: PVC bailer
Method of Sampling: PVC bailer

Time	Vol. Removed	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F)	Conductivity (us or ms)	Comments



Comments: water was black turbid, no sheen, sulfur odor

Describe Deviations from SOP: grab sample due to insufficient H_2O used $HgCl_2$ VOA's

Signature: Josh Adams
Date: 6-2-2021

WSP USA Inc.
848 E. 2nd Ave.
Durango, Colorado 81301
T 970.385.1096

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: TE09032100 2
Project Location: Florance #40
Sampler: Josh Adams

Sample ID: MW-6R
Sample Date: 6-2-2021
Matrix: Groundwater
Sample Time: 1145
Laboratory: Hall Environmental
Shipping Method: Hand Delivery
Analyses: BTEX 8021

Depth to Water: 57.27
Time: 1130
Total Depth of Well: 60.40
Depth to Product: ND

Vol. of Water to Purge: ~1.5 gallons (height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols
Method of Purging: PVC bailer
Method of Sampling: PVC bailer

Time	Vol. Removed	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F) °C	Conductivity (us or ms)	Comments
	0.25	0.25	7.08	21.2	3.26	grey brown cloudy no sheen/odor

Comments: water was grey/brown turbid, no sheen/odor

Describe Deviations from SOP: sampled after purging 0.25 gallons dry to well bailing dry

Signature: J. Adams
Date: 6-2-2021

WSP USA Inc.
848 E. 2nd Ave
Durango, Colorado 81301
T 970 385 1096

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: TE090521022
Project Location: Florance #40
Sampler: Josh Adams

Sample ID: MW-7R
Sample Date: 6-2-2021
Laboratory: Hall Environmental
Analyses: BTEX 8021
Matrix: Groundwater
Sample Time: 1045
Shipping Method: Hand Delivery

Depth to Water: 49.18
Time: 600
Total Depth of Well: ~~5550~~ 55.50
Depth to Product: ND

Vol. of Water to Purge: ~3.0 gallons (height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols
Method of Purging: PVC ~~gettors~~ bailer
Method of Sampling: PVC bailer

Time	Vol. Removed	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F)C	Conductivity (us or ms)	Comments
	0.5	0.5	7.12	19.2	3.78	light brown, cloudy, no sheen, odor
	0.5	1.0	7.10	18.2	3.76	brown/grey turbid, no sheen/odor
	0.5	1.5	7.12	18.0	3.77	" "
	0.5	2.0	7.12	18.2	3.12	" "
	0.5	2.5	7.12	18.3	3.76	" "
	0.5	3.0	7.12	18.2	3.74	" "

Comments: Brown turbid, no sheen/odor

Describe Deviations from SOP:

Signature: Josh Adams
Date: 6-2-2021

WSP USA Inc.
848 E. 2nd Ave.
Durango, Colorado 81301
T 970.385.1096

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: TE090321002
Project Location: Florance #40
Sampler: Josh Adams

Sample ID: MW-8
Sample Date: 6-2-2021
Laboratory: Hall Environmental
Analyses: BTEX 8021
Matrix: Groundwater
Sample Time: 1245
Shipping Method: Hand Delivery

Depth to Water: 60.02
Time: 1215
Total Depth of Well: 68.90
Depth to Product: ND

Vol. of Water to Purge: ~4.5 gallons (height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols
Method of Purging: PVC bailer
Method of Sampling: PVC bailer

Time	Vol. Removed	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F) C	Conductivity (us or ms)	Comments
	0.5	0.5	7.09	19.5	4.63	light brown cloudy, no sheen/odor
	0.5	~~0.5~~ 1.0	7.17	18.2	4.41	" "
	0.5	~~0.~~ 1.5	7.20	17.4	4.32	" "
	0.5	2.0	7.18	17.3	4.33	" "
	0.5	2.5	7.20	17.3	4.31	" "
	1.0	3.5	7.16	17.4	4.31	" "
	1.0	4.5	7.19	17.3	4.31	" "

Comments: water was brown cloudy no sheen/odor

Describe Deviations from SOP:

Signature: [signature]
Date: 6-2-2021

Water Sample Collection Form

Sample Location	Florance #40	Client	Harvest Four Corners, LLC
Sample Date	9-9-21	Project Name	Florance #40
Sample Time	11:15	Project #	
Sample ID	MW-6R	Sampler	Boyd Matheson
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	57.37	TD of Well	60.35
Time	10:58	Depth to Product	NA
Vol. of H2O to purge	(60.35 - 57.37) · 0.1631 · 3 = 1.4		

*(height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols*

Method of Purging: Bailer
Method of Sampling: Bailer

Time	Vol. Removed (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (C)	Conductivity (us or ms)	Comments
10:59	0.25	0.25	7.14	20.4	2.72	Turbid, lt gray, no sheen/odor
11:04	0.25	0.50	7.07	20.1	2.84	SAA
11:07	0.25	0.75	7.07	19.7	962.4 us	SAA

Comments: Dry @ 0.75 gallons

Describe Deviations from SOP:

Signature: [signature] Date:

Water Sample Collection Form

Sample Location: Florance #40
Sample Date: 9-9-21
Sample Time:
Sample ID: MW-04
Analyses: BTEX 8021
Matrix: Groundwater
Turn Around Time: Standard
Depth to Water: Dry
Time:
Vol. of H2O to purge: (55.40 - 35.40) * 0.1631 * 3 = 0
*(height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols*
Method of Purging: Bailer
Method of Sampling: Bailer

Client: Harvest Four Corners, LLC
Project Name: Florance #40
Project #:
Sampler: Boyd Matheson
Laboratory: Hall Environmental
Courier
TD of Well: 55.40
Depth to Product: NA

Time	Vol. Removed (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (C)	Conductivity (us or ms)	Comments

Comments: No water to sample

Describe Deviations from SOP:

Signature: Boyd Matheson Date:

Water Sample Collection Form

Sample Location	Florance #40	Client	Harvest Four Corners, LLC
Sample Date	9-9-21	Project Name	Florance #40
Sample Time	1400	Project #	
Sample ID	HW-07R	Sampler	Brad Hetherson
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	49.56	TD of Well	55.64
Time	13:37	Depth to Product	NA

Vol. of H2O to purge (55.64 − 49.56) · 0.1631 · 3 = 2.97
*(height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols*

Method of Purging: Bailer
Method of Sampling: Bailer

Time	Vol. Removed (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (C)	Conductivity (us or ms)	Comments
13:38	0.25	0.25	7.29	21.4	3.30	Lt grey, Turbulent no sheen, sulfur odor
13:41	0.25	0.50	7.73	19.4	3.41	SAA
13:44	0.25	0.75	7.05	20.5	3.33	SAA
13:47	0.25	1.00	7.70	18.6	3.47	SAA
13:50	0.25	1.25	7.03	18.7	3.43	SAA
13:52	0.25	1.50	7.13	18.2	3.45	SAA
13:54	0.25	1.75	7.14	18.3	3.44	SAA
13:56	0.25	2.00	7.14	18.4	3.46	SAA
13:59	0.25	2.25	6.95	18.8	3.43	SAA

Comments: Dry @ 2.25 gal

Describe Deviations from SOP:

Signature: Brad Carter Date:

LTE

Water Sample Collection Form

Sample Location	Florance #40	Client	Harvest Four Corners, LLC
Sample Date	9-9-21	Project Name	Florance #40
Sample Time	~~MW-03~~ 13:15	Project #	
Sample ID	MW-03	Sampler	Brandy Matheson
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	53.77	TD of Well	55.67
Time	12:40	Depth to Product	NA

Vol. of H2O to purge: (55.67 - 53.77) · 0.1631 · 3 = .93 gal

*(height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols*

Method of Purging: Bailer

Method of Sampling: Bailer

Time	Vol. Removed (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (C)	Conductivity (us or ms)	Comments
12:43	0.25	0.25	7.49	22.8	2.13	turbid, lt grey, no sheen/odor
12:47	0.25	0.5	7.17	21.7	2.03	"

Comments: Dry at 0.50 gal

Describe Deviations from SOP:

Signature: [signature] Date:

Water Sample Collection Form

Sample Location	Florance #40	Client	Harvest Four Corners, LLC
Sample Date	12/2/21	Project Name	Florance #40
Sample Time	14:16	Project #	
Sample ID	MW-38	Sampler	E. Carroll
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	54.05	TD of Well	55.81
Time		Depth to Product	
Vol. of H2O to purge	0.8		

*(height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols*

Method of Purging: bailer

Method of Sampling: bailer

Time	Vol. Removed (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (C)	Conductivity (us or ms)	Comments
14:00	0.25	0.25	7.38	16.3	2.07	Turbid, grey ↓ No sheen / odor
14:05	0.25	0.50	7.11	16.0	2.01	

Comments: Dry @ 0.5 gallons

Describe Deviations from SOP:

Signature: Eric Carroll **Date:** 12/2/21

Water Sample Collection Form

Sample Location	Florance #40	Client	Harvest Four Corners, LLC
Sample Date	12-2-21	Project Name	Florance #40
Sample Time	NS	Project #	
Sample ID	MW-4	Sampler	E. Carro'
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	DRY	TD of Well	
Time		Depth to Product	

Vol. of H2O to purge

*(height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols*

Method of Purging

Method of Sampling

Time	Vol. Removed (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (C)	Conductivity (us or ms)	Comments

Comments: DRY

Describe Deviations from SOP:

Signature: Eric Carro **Date:** 12/2/21

Water Sample Collection Form

Sample Location	Florance #40	Client	Harvest Four Corners, LLC
Sample Date	12-2-21	Project Name	Florance #40
Sample Time	~~13:50~~ 13:45	Project #	
Sample ID	MW-6R	Sampler	E. Carroll
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	57.60	TD of Well	60.40
Time		Depth to Product	N/A
Vol. of H2O to purge	1.3 gal		

*(height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols*

Method of Purging: Bailer

Method of Sampling: Bailer

Time	Vol. Removed (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (C)	Conductivity (us or ms)	Comments
13:40	0.25	0.25	7.11	16.8	2.71	Turbid grey no sheen/odor
13:43	0.25	0.50	7.06	16.3	2.43	↓
13:45	0.25	0.75	7.04	16.1	2.01	

Comments: DRY @ 0.75 gal

Describe Deviations from SOP:

Signature: Eric Carroll Date: 12/2/21

Water Sample Collection Form

Sample Location	Florance #40	Client	Harvest Four Corners, LLC
Sample Date	12-2-21	Project Name	Florance #40
Sample Time	14:30	Project #	
Sample ID	MW-7	Sampler	E. Carroll
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	49.63	TD of Well	55.75
Time		Depth to Product	NA

Vol. of H2O to purge: 3 gal
*(height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols*

Method of Purging: Bailer
Method of Sampling: Bailer

Time	Vol. Removed (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (C)	Conductivity (us or ms)	Comments
14:18	0.5	0.5	7.51	16.8	3.41	clear colorless no sheen/odor
14:20	↓	1.0	7.43	16.3	3.37	
14:22		1.5	7.26	16.3	3.27	
14:24		2.0	7.17	16.2	3.28	
14:26		2.5	7.14	16.2	3.27	
14:28		3.0	7.11	16.2	3.27	

Comments:

Describe Deviations from SOP:

Signature: Eric Carroll **Date:** 12/2/21

Water Sample Collection Form

Sample Location	Florance #40	Client	Harvest Four Corners, LLC
Sample Date	12-2-21	Project Name	Florance #40
Sample Time		Project #	
Sample ID	MW-8	Sampler	E. Carroll
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	60.30	TD of Well	69.09
Time	15:06	Depth to Product	NA
Vol. of H2O to purge	4.3		

*(height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols*

Method of Purging

Method of Sampling

Time	Vol. Removed (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (C)	Conductivity (us or ms)	Comments
14:40	0.5	0.5	7.30	16.3	3.40	Clear colorless no sheen/odor
14:42	↓	1.0	7.17	16.1	3.28	
14:45		1.5	7.15	16.0	3.27	
14:48		2.0	7.11	16.1	3.29	
14:51		2.5	7.04	16.1	3.25	
14:54		3.0	7.01	16.1	3.25	
14:57		3.5	6.99	16.1	3.25	
14:59		4.0	6.99	16.1	3.25	

Comments:

Describe Deviations from SOP:

Signature: E. Carroll **Date:** 12-2-21

ENCLOSURE B – LABORATORY ANALYTICAL RESULTS

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

April 12, 2021

Brooke Herb

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

RE: Florance 40 OrderNo.: 2104006

Dear Brooke Herb:

Hall Environmental Analysis Laboratory received 4 sample(s) on 4/1/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2104006**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW07R
Project: Florance 40 **Collection Date:** 3/31/2021 1:55:00 PM
Lab ID: 2104006-001 **Matrix:** GROUNDWA **Received Date:** 4/1/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BRM**	
Benzene	ND	1.0		µg/L	1	4/9/2021 12:13:45 PM	A76574
Toluene	ND	1.0		µg/L	1	4/9/2021 12:13:45 PM	A76574
Ethylbenzene	1.8	1.0		µg/L	1	4/9/2021 12:13:45 PM	A76574
Xylenes, Total	8.7	1.5		µg/L	1	4/9/2021 12:13:45 PM	A76574
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	4/9/2021 12:13:45 PM	A76574
Surr: Dibromofluoromethane	102	70-130		%Rec	1	4/9/2021 12:13:45 PM	A76574
Surr: Toluene-d8	102	70-130		%Rec	1	4/9/2021 12:13:45 PM	A76574

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

Qualifiers:

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

Analytical Report
Lab Order **2104006**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW03R
Project: Florance 40 **Collection Date:** 3/31/2021 2:07:00 PM
Lab ID: 2104006-002 **Matrix:** GROUNDWA **Received Date:** 4/1/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BRM**	
Benzene	ND	1.0		µg/L	1	4/8/2021 1:42:47 PM	R76562
Toluene	ND	1.0		µg/L	1	4/8/2021 1:42:47 PM	R76562
Ethylbenzene	ND	1.0		µg/L	1	4/8/2021 1:42:47 PM	R76562
Xylenes, Total	ND	1.5		µg/L	1	4/8/2021 1:42:47 PM	R76562
Surr: 1,2-Dichloroethane-d4	97.1	70-130		%Rec	1	4/8/2021 1:42:47 PM	R76562
Surr: Dibromofluoromethane	95.7	70-130		%Rec	1	4/8/2021 1:42:47 PM	R76562
Surr: Toluene-d8	105	70-130		%Rec	1	4/8/2021 1:42:47 PM	R76562

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

Qualifiers:

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

Analytical Report
Lab Order **2104006**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW08
Project: Florance 40 **Collection Date:** 3/31/2021 2:40:00 PM
Lab ID: 2104006-003 **Matrix:** GROUNDWA **Received Date:** 4/1/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BRM**	
Benzene	ND	1.0		µg/L	1	4/8/2021 2:09:57 PM	R76562
Toluene	ND	1.0		µg/L	1	4/8/2021 2:09:57 PM	R76562
Ethylbenzene	ND	1.0		µg/L	1	4/8/2021 2:09:57 PM	R76562
Xylenes, Total	ND	1.5		µg/L	1	4/8/2021 2:09:57 PM	R76562
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	4/8/2021 2:09:57 PM	R76562
Surr: Dibromofluoromethane	111	70-130		%Rec	1	4/8/2021 2:09:57 PM	R76562
Surr: Toluene-d8	98.0	70-130		%Rec	1	4/8/2021 2:09:57 PM	R76562

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

Qualifiers:

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

Analytical Report
Lab Order **2104006**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW06R
Project: Florance 40 **Collection Date:** 3/31/2021 3:00:00 PM
Lab ID: 2104006-004 **Matrix:** GROUNDWA **Received Date:** 4/1/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BRM**	
Benzene	2.3	1.0		µg/L	1	4/9/2021 12:40:54 PM	A76574
Toluene	ND	1.0		µg/L	1	4/9/2021 12:40:54 PM	A76574
Ethylbenzene	5.8	1.0		µg/L	1	4/9/2021 12:40:54 PM	A76574
Xylenes, Total	4.8	1.5		µg/L	1	4/9/2021 12:40:54 PM	A76574
Surr: 1,2-Dichloroethane-d4	93.5	70-130		%Rec	1	4/9/2021 12:40:54 PM	A76574
Surr: Dibromofluoromethane	90.7	70-130		%Rec	1	4/9/2021 12:40:54 PM	A76574
Surr: Toluene-d8	103	70-130		%Rec	1	4/9/2021 12:40:54 PM	A76574

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2104006**

12-Apr-21

Client: Harvest

Project: Florance 40

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **R76562**	RunNo: **76562**
Prep Date:	Analysis Date: **4/8/2021**	SeqNo: **2712446** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	108	70	130			
Toluene	20	1.0	20.00	0	101	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		105	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		106	70	130			
Surr: Dibromofluoromethane	11		10.00		105	70	130			
Surr: Toluene-d8	9.5		10.00		95.5	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R76562**	RunNo: **76562**
Prep Date:	Analysis Date: **4/8/2021**	SeqNo: **2712477** 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	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		102	70	130			
Surr: Dibromofluoromethane	11		10.00		106	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **A76574**	RunNo: **76574**
Prep Date:	Analysis Date: **4/9/2021**	SeqNo: **2714019** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	107	70	130			
Toluene	19	1.0	20.00	0	94.6	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		112	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		102	70	130			
Surr: Dibromofluoromethane	11		10.00		113	70	130			
Surr: Toluene-d8	9.8		10.00		97.9	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **A76574**	RunNo: **76574**
Prep Date:	Analysis Date: **4/9/2021**	SeqNo: **2714055** 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								

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2104006**
12-Apr-21

Client: Harvest
Project: Florance 40

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **A76574**	RunNo: **76574**
Prep Date:	Analysis Date: **4/9/2021**	SeqNo: **2714055** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130			
Surr: Dibromofluoromethane	10		10.00		104	70	130			
Surr: Toluene-d8	10		10.00		103	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: **Harvest** Work Order Number: **2104006** RcptNo: 1

Received By: **Desiree Dominguez** **4/1/2021 8:00:00 AM** DD

Completed By: **Desiree Dominguez** **4/1/2021 8:32:07 AM** DD

Reviewed By: SPA 4.1.21

Chain of Custody

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

Log In

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

TO

# of preserved bottles checked for pH: 4/1/21

(<2 or >12 unless noted)

Adjusted?

Checked by:

Special Handling (if applicable)

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

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.6	Good	Yes			

Chain-of-Custody Record

Client: Harvest Midstream
Monica Smith
Mailing Address: 1775 Arroyo Dr
Bloomfield, NM 87413
Phone #:
email or Fax#: monica.smith@harvestmidstream.com
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☑ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: Florance 40
Project #:
Project Manager: Brooke Herb
Sampler:
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 0.8 - 0.2 = 0.6 (°C)

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2104006	BTEX / ~~MTBE~~ / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
3-31-21	1355	GW	MW07R	(3) VOA's	HCL	-001	X									
	1407		MW03R		$HgCl_2$	-002	X									
	1440		MW08		HCL	-003	X									
↓	1500	↓	MW06R	↓	↓	-004	X									

Analysis Request

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
3/31/21	1620		Chris Ward		3/31/21	1620
3/31/21	1910	Chris Ward		courier	4/1/21	8:00

Remarks: cc: ~~ther~~ brooke.herb@wsp.com
josh.adams@wsp.com

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

June 09, 2021

Monica Smith

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

RE: Florance 40 OrderNo.: 2106175

Dear Monica Smith:

Hall Environmental Analysis Laboratory received 4 sample(s) on 6/3/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order: **2106175**
Date Reported: **6/9/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Lab Order:** 2106175
Project: Florance 40

Lab ID: 2106175-001 **Collection Date:** 6/2/2021 11:10:00 AM
Client Sample ID: MW-3R **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	2.0		µg/L	2	6/8/2021 4:20:00 PM	R78912
Toluene	ND	2.0		µg/L	2	6/8/2021 4:20:00 PM	R78912
Ethylbenzene	ND	2.0		µg/L	2	6/8/2021 4:20:00 PM	R78912
Xylenes, Total	18	4.0		µg/L	2	6/8/2021 4:20:00 PM	R78912
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	2	6/8/2021 4:20:00 PM	R78912

Lab ID: 2106175-002 **Collection Date:** 6/2/2021 10:45:00 AM
Client Sample ID: MW-7R **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	1.0	1.0	P	µg/L	1	6/8/2021 4:40:00 PM	R78912
Toluene	ND	1.0	P	µg/L	1	6/8/2021 4:40:00 PM	R78912
Ethylbenzene	ND	1.0	P	µg/L	1	6/8/2021 4:40:00 PM	R78912
Xylenes, Total	4.8	2.0	P	µg/L	1	6/8/2021 4:40:00 PM	R78912
Surr: 4-Bromofluorobenzene	99.3	70-130	P	%Rec	1	6/8/2021 4:40:00 PM	R78912

Lab ID: 2106175-003 **Collection Date:** 6/2/2021 11:45:00 AM
Client Sample ID: MW-6R **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	3.8	1.0		µg/L	1	6/8/2021 5:40:00 PM	R78912
Toluene	ND	1.0		µg/L	1	6/8/2021 5:40:00 PM	R78912
Ethylbenzene	7.0	1.0		µg/L	1	6/8/2021 5:40:00 PM	R78912
Xylenes, Total	11	2.0		µg/L	1	6/8/2021 5:40:00 PM	R78912
Surr: 4-Bromofluorobenzene	91.1	70-130		%Rec	1	6/8/2021 5:40:00 PM	R78912

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

Qualifiers:

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

Analytical Report
Lab Order: **2106175**
Date Reported: **6/9/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Project: Florance 40
Lab Order: 2106175

Lab ID: 2106175-004
Collection Date: 6/2/2021 12:45:00 PM
Client Sample ID: MW-8
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	6/8/2021 6:00:00 PM	R78912
Toluene	ND	1.0		µg/L	1	6/8/2021 6:00:00 PM	R78912
Ethylbenzene	ND	1.0		µg/L	1	6/8/2021 6:00:00 PM	R78912
Xylenes, Total	ND	2.0		µg/L	1	6/8/2021 6:00:00 PM	R78912
Surr: 4-Bromofluorobenzene	83.6	70-130		%Rec	1	6/8/2021 6:00:00 PM	R78912

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106175**

09-Jun-21

Client: Harvest

Project: Florance 40

Sample ID: **100ng BTEX lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R78912**	RunNo: **78912**
Prep Date:	Analysis Date: **6/8/2021**	SeqNo: **2768309** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	95.9	80	120			
Toluene	20	1.0	20.00	0	97.7	80	120			
Ethylbenzene	20	1.0	20.00	0	101	80	120			
Xylenes, Total	60	2.0	60.00	0	99.4	80	120			
Surr: 4-Bromofluorobenzene	17		20.00		84.4	70	130			

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R78912**	RunNo: **78912**
Prep Date:	Analysis Date: **6/8/2021**	SeqNo: **2768310** 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	17		20.00		86.6	70	130			

Sample ID: **100ng BTEX lcs2**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **B78912**	RunNo: **78912**
Prep Date:	Analysis Date: **6/8/2021**	SeqNo: **2769199** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	17		20.00		84.9	70	130			

Sample ID: **MB2**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **B78912**	RunNo: **78912**
Prep Date:	Analysis Date: **6/8/2021**	SeqNo: **2769200** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	17		20.00		83.5	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: **Harvest** Work Order Number: **2106175** RcptNo: 1

Received By: **Juan Rojas** **6/3/2021 7:55:00 AM**

Completed By: **Desiree Dominguez** **6/3/2021 9:08:04 AM**

Reviewed By: IO 06-03-21

Chain of Custody

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

Log In

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

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

Adjusted?

Checked by: KPG 6/03/21

Special Handling (if applicable)

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

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.7	Good	Yes			
2	2.0	Good	Yes			

Chain-of-Custody Record

Client: Harvest Midstream

Mailing Address:

Phone #:

email or Fax#:

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

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

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Florance 40

Project #:

Project Manager: WSP- Brooke Herb

Sampler: Josh Adams

On Ice: ☒ Yes ☐ No

# of Coolers: 2

Cooler Temp(including CF): 0.8-0.1=0.7 (°C)

21-0.1=20.0

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2106175	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
6-2-21	1110	GW	MW-3R	3-40mL	$HgCl_2$	-001	X									
↓	1045	↓	MW-7R	↓	HCl	-002	X									
↓	1145	↓	MW-6R	↓	HCl	-003	X									
↓	1245	↓	MW-8	↓	HCl	-004	X									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
6-2-21	1720		Mint Walk		6/2/21	1720
6/2/21	1811			courier	6/3/21	7:55

Remarks:
CC: josh.adams@wsp.com
danny.burns@wsp.com
eric.carroll@wsp.com

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

September 23, 2021

Monica Sandoval

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

RE: Florance 40 OrderNo.: 2109517

Dear Monica Sandoval:

Hall Environmental Analysis Laboratory received 4 sample(s) on 9/10/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order: **2109517**
Date Reported: **9/23/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Lab Order:** 2109517
Project: Florance 40

Lab ID: 2109517-001 **Collection Date:** 9/9/2021 11:15:00 AM
Client Sample ID: MW-6R **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	2.6	1.0		µg/L	1	9/14/2021 1:39:36 PM	B81272
Toluene	ND	1.0		µg/L	1	9/14/2021 1:39:36 PM	B81272
Ethylbenzene	4.9	1.0		µg/L	1	9/14/2021 1:39:36 PM	B81272
Xylenes, Total	5.9	2.0		µg/L	1	9/14/2021 1:39:36 PM	B81272
Surr: 4-Bromofluorobenzene	94.6	70-130		%Rec	1	9/14/2021 1:39:36 PM	B81272

Lab ID: 2109517-002 **Collection Date:** 9/9/2021 1:15:00 PM
Client Sample ID: MW-03 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	9/14/2021 4:02:38 PM	B81272
Toluene	ND	1.0		µg/L	1	9/14/2021 4:02:38 PM	B81272
Ethylbenzene	ND	1.0		µg/L	1	9/14/2021 4:02:38 PM	B81272
Xylenes, Total	ND	2.0		µg/L	1	9/14/2021 4:02:38 PM	B81272
Surr: 4-Bromofluorobenzene	94.6	70-130		%Rec	1	9/14/2021 4:02:38 PM	B81272

Lab ID: 2109517-003 **Collection Date:** 9/9/2021 2:00:00 PM
Client Sample ID: MW-07R **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	9/14/2021 4:26:30 PM	B81272
Toluene	ND	1.0		µg/L	1	9/14/2021 4:26:30 PM	B81272
Ethylbenzene	ND	1.0		µg/L	1	9/14/2021 4:26:30 PM	B81272
Xylenes, Total	2.3	2.0		µg/L	1	9/14/2021 4:26:30 PM	B81272
Surr: 4-Bromofluorobenzene	95.1	70-130		%Rec	1	9/14/2021 4:26:30 PM	B81272

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

Qualifiers:

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

Analytical Report
Lab Order: **2109517**
Date Reported: **9/23/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Project: Florance 40
Lab Order: 2109517

Lab ID: 2109517-004
Collection Date: 9/9/2021 2:45:00 PM
Client Sample ID: MW-08
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	9/14/2021 4:50:25 PM	B81272
Toluene	ND	1.0		µg/L	1	9/14/2021 4:50:25 PM	B81272
Ethylbenzene	ND	1.0		µg/L	1	9/14/2021 4:50:25 PM	B81272
Xylenes, Total	ND	2.0		µg/L	1	9/14/2021 4:50:25 PM	B81272
Surr: 4-Bromofluorobenzene	90.1	70-130		%Rec	1	9/14/2021 4:50:25 PM	B81272

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2109517**

23-Sep-21

Client: Harvest

Project: Florance 40

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **B81272**	RunNo: **81272**
Prep Date:	Analysis Date: **9/14/2021**	SeqNo: **2870097** 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	18		20.00		90.3	70	130			

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **B81272**	RunNo: **81272**
Prep Date:	Analysis Date: **9/14/2021**	SeqNo: **2870098** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	91.8	80	120			
Toluene	19	1.0	20.00	0	94.4	80	120			
Ethylbenzene	19	1.0	20.00	0	94.6	80	120			
Xylenes, Total	57	2.0	60.00	0	94.3	80	120			
Surr: 4-Bromofluorobenzene	18		20.00		91.0	70	130			

Sample ID: **2109517-004ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **MW-08**	Batch ID: **B81272**	RunNo: **81272**
Prep Date:	Analysis Date: **9/14/2021**	SeqNo: **2870108** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	88.4	80	120			
Toluene	18	1.0	20.00	0	91.6	80	120			
Ethylbenzene	19	1.0	20.00	0	92.9	80	120			
Xylenes, Total	55	2.0	60.00	0	92.4	80	120			
Surr: 4-Bromofluorobenzene	18		20.00		92.4	70	130			

Sample ID: **2109517-004amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **MW-08**	Batch ID: **B81272**	RunNo: **81272**
Prep Date:	Analysis Date: **9/14/2021**	SeqNo: **2870109** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	17	1.0	20.00	0	87.3	80	120	1.24	20	
Toluene	18	1.0	20.00	0	91.5	80	120	0.0874	20	
Ethylbenzene	18	1.0	20.00	0	91.7	80	120	1.25	20	
Xylenes, Total	55	2.0	60.00	0	91.1	80	120	1.38	20	
Surr: 4-Bromofluorobenzene	19		20.00		93.0	70	130	0	0	

Qualifiers:

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

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: **2109517** RcptNo: 1

Received By: **Cheyenne Cason** **9/10/2021 7:10:00 AM** Chl

Completed By: **Isaiah Ortiz** **9/10/2021 8:40:13 AM** I-Ox

Reviewed By: SeL 9/10/21

Chain of Custody

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

Log In

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

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

Adjusted?

Checked by KPG 9/10/21

Special Handling (if applicable)

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

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.2	Good	Not Present			

Chain-of-Custody Record

Client: Harvest

Monica Sandaval

Mailing Address:

Phone #:

email or Fax#: Monica.Sandaval@harvestmidstream.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Florance 40

Project #:

Project Manager: Brooke Herb - WSP

Sampler: Boyd Matheson - WSP

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 5.1 + 0.1 = 5.2 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2109517	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
9-9-21	11:15	GW	MW-6R	3VOA	HCl	001	X									
9-9-21	13:15	GW	MW-03	3VOA	$HgCl_2$	002	X									
9-9-21	14:00	GW	MW-03R	3VOA	HCl	003	X									
9-9-21	14:45	GW	MW-08	3VOA	HCl	004	X									

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
9-9-21	17:18				9/9/21	1718
9/9/21	1837				9/10/21	0710

Remarks:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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Website: clients.hallenvironmental.com

December 14, 2021

Brooke Herb

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

RE: Florance 40 OrderNo.: 2112249

Dear Brooke Herb:

Hall Environmental Analysis Laboratory received 4 sample(s) on 12/3/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2112249**
Date Reported: **12/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: MW-3R
Project: Florance 40
Collection Date: 12/2/2021 2:10:00 PM
Lab ID: 2112249-001 **Matrix:** AQUEOUS **Received Date:** 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	12/7/2021 11:51:51 PM	SL84353
Toluene	ND	1.0		µg/L	1	12/7/2021 11:51:51 PM	SL84353
Ethylbenzene	ND	1.0		µg/L	1	12/7/2021 11:51:51 PM	SL84353
Xylenes, Total	ND	1.5		µg/L	1	12/7/2021 11:51:51 PM	SL84353
Surr: 1,2-Dichloroethane-d4	93.7	70-130		%Rec	1	12/7/2021 11:51:51 PM	SL84353
Surr: 4-Bromofluorobenzene	114	70-130		%Rec	1	12/7/2021 11:51:51 PM	SL84353
Surr: Dibromofluoromethane	92.1	70-130		%Rec	1	12/7/2021 11:51:51 PM	SL84353
Surr: Toluene-d8	106	70-130		%Rec	1	12/7/2021 11:51:51 PM	SL84353

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

Qualifiers:

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

Analytical Report
Lab Order **2112249**
Date Reported: **12/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: MW-6R
Project: Florance 40
Collection Date: 12/2/2021 1:45:00 PM
Lab ID: 2112249-002 **Matrix:** AQUEOUS **Received Date:** 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	3.9	2.0		µg/L	2	12/8/2021 3:54:01 AM	SL84353
Toluene	ND	2.0		µg/L	2	12/8/2021 3:54:01 AM	SL84353
Ethylbenzene	25	2.0		µg/L	2	12/8/2021 3:54:01 AM	SL84353
Xylenes, Total	4.4	3.0		µg/L	2	12/8/2021 3:54:01 AM	SL84353
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	2	12/8/2021 3:54:01 AM	SL84353
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	2	12/8/2021 3:54:01 AM	SL84353
Surr: Dibromofluoromethane	92.0	70-130		%Rec	2	12/8/2021 3:54:01 AM	SL84353
Surr: Toluene-d8	98.8	70-130		%Rec	2	12/8/2021 3:54:01 AM	SL84353

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

Qualifiers:

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

Analytical Report
Lab Order **2112249**
Date Reported: **12/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: MW-7
Project: Florance 40
Collection Date: 12/2/2021 2:30:00 PM
Lab ID: 2112249-003 **Matrix:** AQUEOUS **Received Date:** 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	12/8/2021 4:20:47 AM	SL84353
Toluene	ND	1.0		µg/L	1	12/8/2021 4:20:47 AM	SL84353
Ethylbenzene	1.1	1.0		µg/L	1	12/8/2021 4:20:47 AM	SL84353
Xylenes, Total	4.7	1.5		µg/L	1	12/8/2021 4:20:47 AM	SL84353
Surr: 1,2-Dichloroethane-d4	98.7	70-130		%Rec	1	12/8/2021 4:20:47 AM	SL84353
Surr: 4-Bromofluorobenzene	124	70-130		%Rec	1	12/8/2021 4:20:47 AM	SL84353
Surr: Dibromofluoromethane	97.3	70-130		%Rec	1	12/8/2021 4:20:47 AM	SL84353
Surr: Toluene-d8	107	70-130		%Rec	1	12/8/2021 4:20:47 AM	SL84353

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

Qualifiers:

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

Analytical Report
Lab Order **2112249**
Date Reported: **12/14/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: MW-8
Project: Florance 40
Collection Date: 12/2/2021 3:00:00 PM
Lab ID: 2112249-004 **Matrix:** AQUEOUS **Received Date:** 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	12/8/2021 4:47:38 AM	SL84353
Toluene	ND	1.0		µg/L	1	12/8/2021 4:47:38 AM	SL84353
Ethylbenzene	ND	1.0		µg/L	1	12/8/2021 4:47:38 AM	SL84353
Xylenes, Total	ND	1.5		µg/L	1	12/8/2021 4:47:38 AM	SL84353
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	12/8/2021 4:47:38 AM	SL84353
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	12/8/2021 4:47:38 AM	SL84353
Surr: Dibromofluoromethane	99.8	70-130		%Rec	1	12/8/2021 4:47:38 AM	SL84353
Surr: Toluene-d8	101	70-130		%Rec	1	12/8/2021 4:47:38 AM	SL84353

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

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2112249**
14-Dec-21

Client: Harvest
Project: Florance 40

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW** Batch ID: **SL84353** RunNo: **84353**
Prep Date: Analysis Date: **12/7/2021** SeqNo: **2963483** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	91.1	70	130			
Toluene	19	1.0	20.00	0	97.0	70	130			
Surr: 1,2-Dichloroethane-d4	9.4		10.00		93.7	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		102	70	130			
Surr: Dibromofluoromethane	9.1		10.00		91.4	70	130			
Surr: Toluene-d8	9.6		10.00		96.5	70	130			

Sample ID: **2112249-001a ms** SampType: **MS** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **MW-3R** Batch ID: **SL84353** RunNo: **84353**
Prep Date: Analysis Date: **12/8/2021** SeqNo: **2963485** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	95.8	70	130			
Toluene	21	1.0	20.00	0	104	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobenzene	12		10.00		123	70	130			
Surr: Dibromofluoromethane	9.5		10.00		95.3	70	130			
Surr: Toluene-d8	11		10.00		109	70	130			

Sample ID: **2112249-001a msd** SampType: **MSD** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **MW-3R** Batch ID: **SL84353** RunNo: **84353**
Prep Date: Analysis Date: **12/8/2021** SeqNo: **2963486** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	89.8	70	130	6.44	20	
Toluene	19	1.0	20.00	0	94.2	70	130	9.43	20	
Surr: 1,2-Dichloroethane-d4	9.7		10.00		96.8	70	130	0	0	
Surr: 4-Bromofluorobenzene	12		10.00		121	70	130	0	0	
Surr: Dibromofluoromethane	9.3		10.00		93.1	70	130	0	0	
Surr: Toluene-d8	11		10.00		106	70	130	0	0	

Sample ID: **mb** SampType: **MBLK** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW** Batch ID: **SL84353** RunNo: **84353**
Prep Date: Analysis Date: **12/7/2021** SeqNo: **2963490** 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	1.5								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2112249**
14-Dec-21

Client: Harvest
Project: Florance 40

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **SL84353**	RunNo: **84353**
Prep Date:	Analysis Date: **12/7/2021**	SeqNo: **2963490** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	9.5		10.00		94.6	70	130			
Surr: 4-Bromofluorobenzene	9.4		10.00		94.0	70	130			
Surr: Dibromofluoromethane	9.4		10.00		93.7	70	130			
Surr: Toluene-d8	9.7		10.00		97.4	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Harvest | Work Order Number: 2112249 | RcptNo: 1

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

Completed By: **Kasandra Payan** 12/3/2021 10:54:30 AM

Reviewed By: TMC 12/3/21 14:54

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: SCL 12/3/21

Special Handling (if applicable)

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

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

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

Chain-of-Custody Record

Client: Harvest Four Corners
Monica Sandoval

Mailing Address:

Phone #:

email or Fax#: monica.sandoval@harvestmidstream.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Florance #4C

Project #:

Project Manager: Brooke Herb - WSP

Sampler: E. Carroll - WSP
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 2.7-0.1 = 2.6 (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2112249	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
12-2	14:16	GW	MW-3R	3 VOA	HCl		X									
	13:45		MW-6R				X									
	14:30		MW-7				X									
	15:00		MW-5				X									

Date	Time	Relinquished by	Received by	Via	Date	Time
12-2	1537	Eric Carroll	[illegible]		12/2/21	1537
12/2/21	1811	[illegible]	[illegible]	Courier	12/3/21	8:00

Remarks:
cc: eric.carroll@wsp.com

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

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 94519

CONDITIONS

Operator:	OGRID:
Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	373888
	Action Number: 94519
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2021 Annual Groundwater Report: Content satisfactory 1. Continue with future work as stated within 2020 Annual Groundwater Report. 2. Continued groundwater sampling on a quarterly basis in monitoring wells MW03R, MW04, MW06R, MW07R, and MW08. 3. Continue quarterly sampling until BTEX concentrations do not exceed NMWQCC standards for eight consecutive quarters. 4. Submit the next annual monitoring report no later than March 31, 2023.	11/28/2022