Review of the 2021 Annual Groundwater Report: **Content satisfactory**

1. Continue with monitoring plan as stated within 2021 Annual Groundwater Report.
2. Groundwater samples will be collected annually and analyzed for BTEX from monitoring wells MW-2R, MW-3R, MW-4, MW-5R, MW-6, MW-7, and MW-8 if there is sufficient water and no PSH are present.
3. Harvest will maintain PR socks in monitoring wells that contain PSH and continue to manually remove PSH by bailing as necessary during groundwater monitoring events until no observable PSH is present in any groundwater monitoring wells.
4. Based on the decrease and absence/ineffective volume of PSH, the solar sipper system will be used on other Harvest locations and returned to this Site if consistent measurable PSH levels are observed.
5. A subsequent annual report summarizing groundwater remediation and monitoring activities in 2022 will be submitted to the NMOCD by March 31, 2023.

March 23, 2022

Ms. Monica Smith
Environmental Specialist
Harvest Four Corners
1755 Arroyo Drive
Bloomfield, NM 87413

Subject: **2021 Annual Groundwater Report**
Davis #1A
Incident #nAUTOfAB000119
Remediation Permit Number 3RP-311-0
San Juan County, New Mexico

Dear Ms. Smith:

On behalf of Harvest Four Corners, LLC (Harvest), WSP USA Inc. (WSP) presents a detailed report for activities conducted at the Davis #1A (Site), Remediation Permit Number 3RP-311-0, Incident # nAUTOfAB000119, between January and December 2021. The scope of work for this project includes annual monitoring of petroleum hydrocarbon impacts to groundwater resulting from the operation of a former earthen dehydrator pit.

LOCATION

The Site is located at latitude 36.915721 and longitude -108.070642 in Unit E, Section 11, Township 31 North, Range 12 West (Figure 1). The Site is in the Farmington Glade area of the San Juan Basin in San Juan County, New Mexico.

HISTORY

The source of the impacted groundwater is a former earthen dehydrator pit operated by the Gas Company of New Mexico (GCNM). Approximately 192 cubic yards of impacted soil were removed in May 1998. Based on historical documentation, residual petroleum hydrocarbon-impacted soil was left in place at the Site at a depth of 16 feet below ground surface (bgs). A soil sample from the base of the excavation at 16 feet bgs contained 61.8 milligrams per kilogram (mg/kg) of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and total petroleum hydrocarbons (TPH)-diesel range organics (DRO) of 59 mg/kg. Subsequent soil boring data indicated impacted soil extended to approximately 55 feet bgs. Between February 1999 and August 1999, monitoring wells MW-1 through MW-7 were installed. Monitoring well MW-2 was installed in the source area (Figure 2).

Williams Four Corners LLC (Williams) purchased the Site from Public Service Company of New Mexico (PNM) in 2000 and assumed the environmental liability for the former earthen dehydrator pit. Between 2000 and December 2012, Williams monitored groundwater at the Site. Historical reports indicated monitoring wells MW-2, MW-3, and MW-5 contained phase-separated hydrocarbons (PSH) between September 1999 and December 2012. Monitoring well MW-3 was destroyed in 2013. PSH was recovered from monitoring well MW-2 between 2008 and 2012. WSP (formerly LT Environmental, Inc.), on behalf of Williams, conducted groundwater monitoring at the Site from 2013 through 2018. Records regarding these activities are in previous groundwater reports submitted to the New Mexico Oil Conservation Division (NMOCD). On October 1, 2018, Harvest purchased the facility from Williams and is currently responsible for the Site.

In October 2017, NMOCD approved a work plan to install replacement wells for MW-2, MW-3, and MW-5 and to add an additional cross-gradient well south of MW-5. In June 2019, Harvest acquired approval from the Bureau of Land Management (BLM) for an amendment to the existing right-of-way (NMNM 137646), which was required to install replacement wells and additional downgradient monitoring wells on Site.

WSP USA
848 EAST SECOND AVENUE
DURANGO, CO 81301

Tel.: 970-385-1096
wsp.com

In October 2019, WSP replaced monitoring wells MW-2, MW-3, and MW-5 with monitoring wells MW-2R, MW-3R, MW-5R, respectively, and installed an additional monitoring well (MW-8) south of monitoring well MW-5. Monitoring well MW-2 was located in the original source area but contained insufficient groundwater volume for sampling since 2003 (see Table 1). Monitoring well MW-3, located cross-gradient of the source area, was destroyed in February 2013. The polyvinyl chloride (PVC) casing of monitoring well MW-5 was loose within the metal surface completion and a 2-inch disposable bailer would not fit down the well. Monitoring wells MW-2 and MW-5 were plugged and abandoned. Monitoring wells MW-2R, MW-4, and MW-5R all contained measurable PSH in November 2019. Laboratory analytical results indicated soil and groundwater impacts at the Site were delineated. After the new wells were installed, a solar-powered product recovery pneumatic pumping system (solar sipper system) was installed in monitoring well MW-4 on November 19, 2019, and was removed June 30, 2020, due to lack of PSH in MW-4.

METHODOLOGY

In 2021, WSP conducted quarterly groundwater elevation monitoring and an annual groundwater monitoring event at the Site. These activities included measuring depth to groundwater and investigating the presence of PSH in eight monitoring wells (MW-1, MW-2R, MW-3R, MW-4, MW-5R, MW-6, MW-7, and MW-8) quarterly and collecting groundwater samples from monitoring wells MW-2R, MW-3R, MW-5R, MW-7, and MW-8 in May 2021.

WATER AND PSH LEVEL MEASUREMENTS

Groundwater elevation monitoring included recording depth to groundwater measurements 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 existing top-of-casing well elevations to draft groundwater contours and determine groundwater flow direction. Contours were inferred based on groundwater elevations and physical characteristics at the Site (topography, proximity to irrigation ditches, etc.). This data is summarized in Table 1 and depicted on Figures 3 through 6.

GROUNDWATER SAMPLING

Prior to sampling, groundwater, depth to groundwater, and total depth of the monitoring wells were measured with an oil/water interface probe. The volume of groundwater was calculated, and a minimum of three well casing volumes of groundwater was purged using a dedicated PVC bailer. As groundwater was removed from the monitoring wells, pH, electric conductivity (EC), and temperature were monitored. Purge water was containerized and disposed of at a nearby compressor station. Copies of the groundwater sample collection forms are presented in Enclosure A.

Once the monitoring wells were purged, groundwater samples were collected by filling three 40-milliliter (mL) glass vials. The laboratory-supplied vials were filled and capped with no headspace to prevent degradation of the sample. Samples were labeled and immediately sealed and packed on ice. The samples were transferred to Hall Environmental Analysis Lab (Hall) for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021.

RESULTS

GROUNDWATER MONITORING

Depth to groundwater data collected during the March, May, July, and December 2021 monitoring events and is summarized in Table 1. Groundwater flow direction was generally to the north (Figure 3 – Figure 6). Monitoring wells MW-1, and MW-6 were dry. Approximately 0.05 feet of PSH was observed in monitoring well MW-4 in December 2021. PSH have not been observed in monitoring well MW-4 prior to the March 2019 monitoring event. There was no PSH in any of the monitoring wells during the March, May and July 2021 monitoring events.

LABORATORY ANALYTICAL RESULTS

Groundwater in monitoring wells MW-2R and MW-4 exhibited benzene concentrations of 690 microgram per liter (µg/L) and 290 µg/L, respectively, which exceed New Mexico Water Quality Control Commission (NMWQCC)

standards. Groundwater in monitoring well MW-4 also exhibited a total xylenes concentration of 870 µg/L, which exceeds the NMWQCC standard. All other samples were below laboratory analytical reporting limits or in compliance with applicable NMWQCC standards. Table 2 summarizes groundwater analytical results, and the complete laboratory analytical report is included in Enclosure B.

PSH RECOVERY

The solar sipper recovered approximately 4.31 gallons of PSH from monitoring well MW-4 from November 2019 through June 30, 2020 when the solar sipper was removed from the Site.

PSH gauging during the December 2021 groundwater monitoring event indicated 0.05 feet of PSH in MW-4. Approximately 0.25 ounces (oz.) of PSH was removed by manually bailing in December 2021, and a product recovery sock was installed to absorb residual PSH within the monitoring well.

CONCLUSION

Impacted groundwater with contaminant concentrations exceed NMWQCC standards remains at the Site, but is confined to an area around MW-2R and MW-4. Impacted groundwater is delineated by monitoring wells MW-1, MW-3R, MW-5R, MW-6, MW-7, and MW-8. No measurable PSH was observed at the Site during the March, May, or July 2021 monitoring events. PSH was measured in MW-4 in December 2021, but only at a thickness of 0.05 feet. There is not currently enough measurable PSH to effectively utilize the solar sipper system at this Site and as a result, WSP has installed a product recovery sock that is able to absorb residual PSH. The product recovery socks will be monitored and when the sock is fully saturated with PSH, that product recovery sock will be removed and properly disposed of and replaced with a new product recovery sock.

MONITORING PLAN

Harvest will continue to measure depth to groundwater and depth to PSH quarterly in monitoring wells MW-1, MW-2R, MW-3R, MW-4, MW-5R, MW-6, MW-7, and MW-8. Groundwater samples will be collected annually and analyzed for BTEX from monitoring wells MW-2R, MW-3R, MW-4, MW-5R, MW-6, MW-7, and MW-8 if there is sufficient water and no PSH are present. Harvest will maintain product recovery socks in monitoring wells that contain PSH and continue to manually remove PSH by bailing as necessary during groundwater monitoring events until no observable PSH is present in any groundwater monitoring wells. Based on the decrease and absence/ineffective volume of PSH, the solar sipper system will be used on other Harvest locations and returned to this Site if consistent measurable PSH levels are observed.

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 Ms. Brooke Herb at (970) 385-1096 or via email at brooke.herb@WSP.com.

Kind regards,

Eric Carroll.
Consultant, Geologist

Brooke Herb,
Senior Consultant, Geologist

Enclosures

Figure 1: Site Location Map
Figure 2: Site Map
Figure 3: Groundwater Elevations and Analytical Results (March 2021)
Figure 4: Groundwater Elevations and Analytical Results (May2021)
Figure 5: Groundwater Elevations and Analytical Results (July 2021)
Figure 6: Groundwater Elevations and Analytical Results (December 2021)

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

Enclosure A: Groundwater Sample Collection Forms
Enclosure B: Laboratory Analytical Report

FIGURES

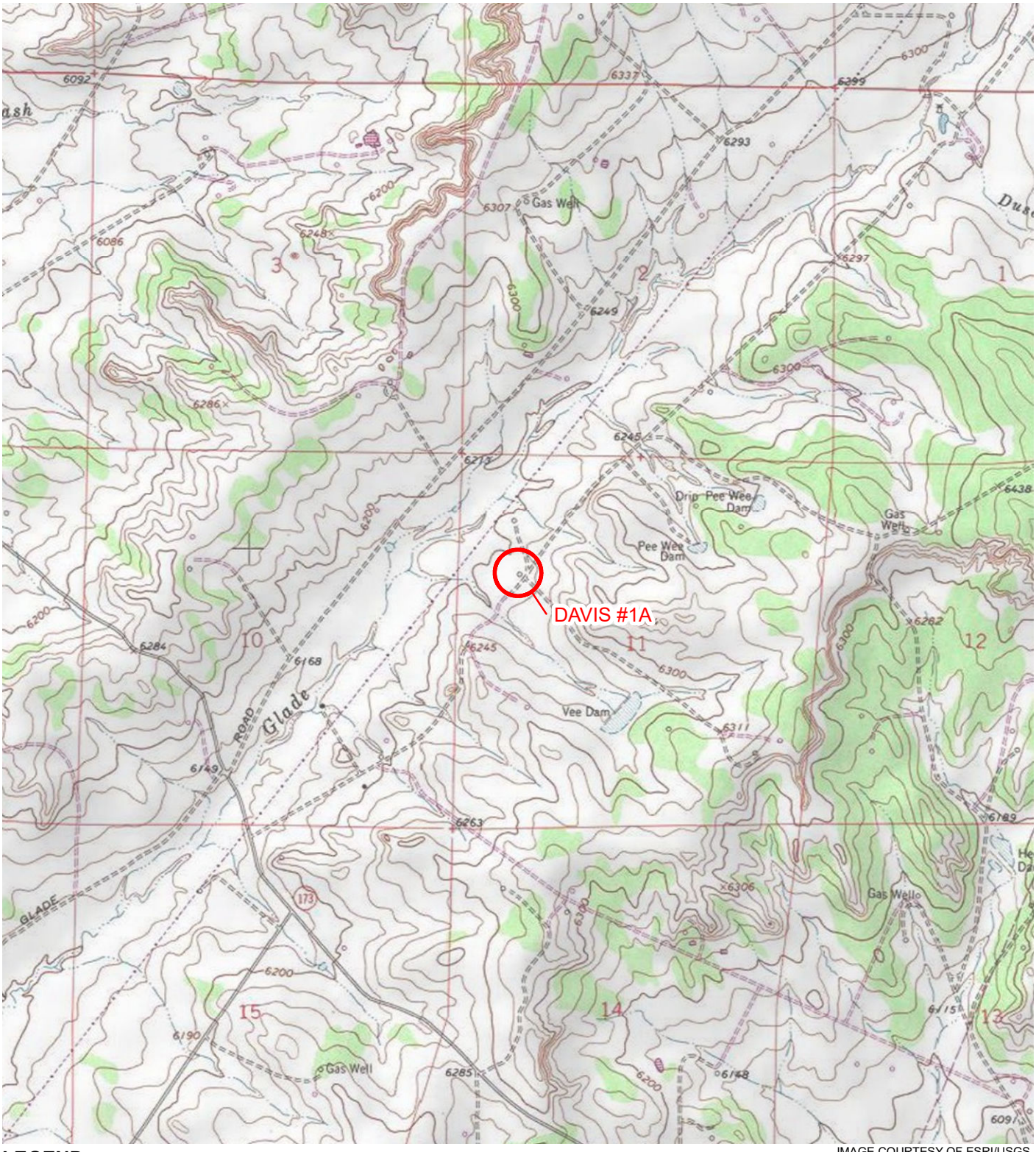

IMAGE COURTESY OF ESRI/USGS

LEGEND

SITE LOCATION

0 2,000 4,000

Feet

N

NEW MEXICO

FIGURE 1
SITE LOCATION MAP
DAVIS #1A
SEC 11 T31N R12W
SAN JUAN COUNTY, NEW MEXICO
HARVEST FOUR CORNERS, LLC

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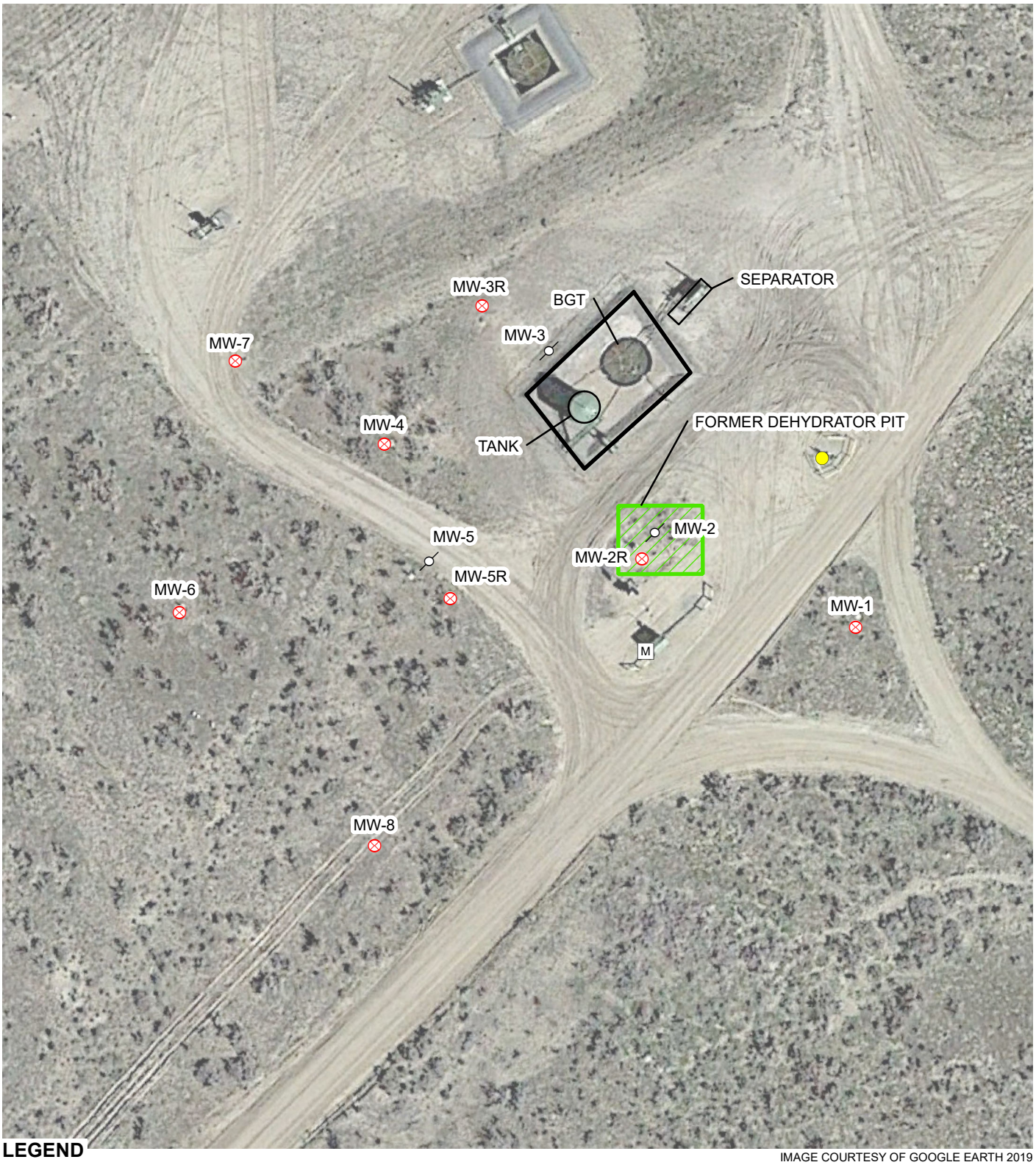


IMAGE COURTESY OF GOOGLE EARTH 2019

LEGEND

- MONITORING WELL
- ABANDONED MONITORING WELL
- WELLHEAD
- METER HOUSE
- BERM

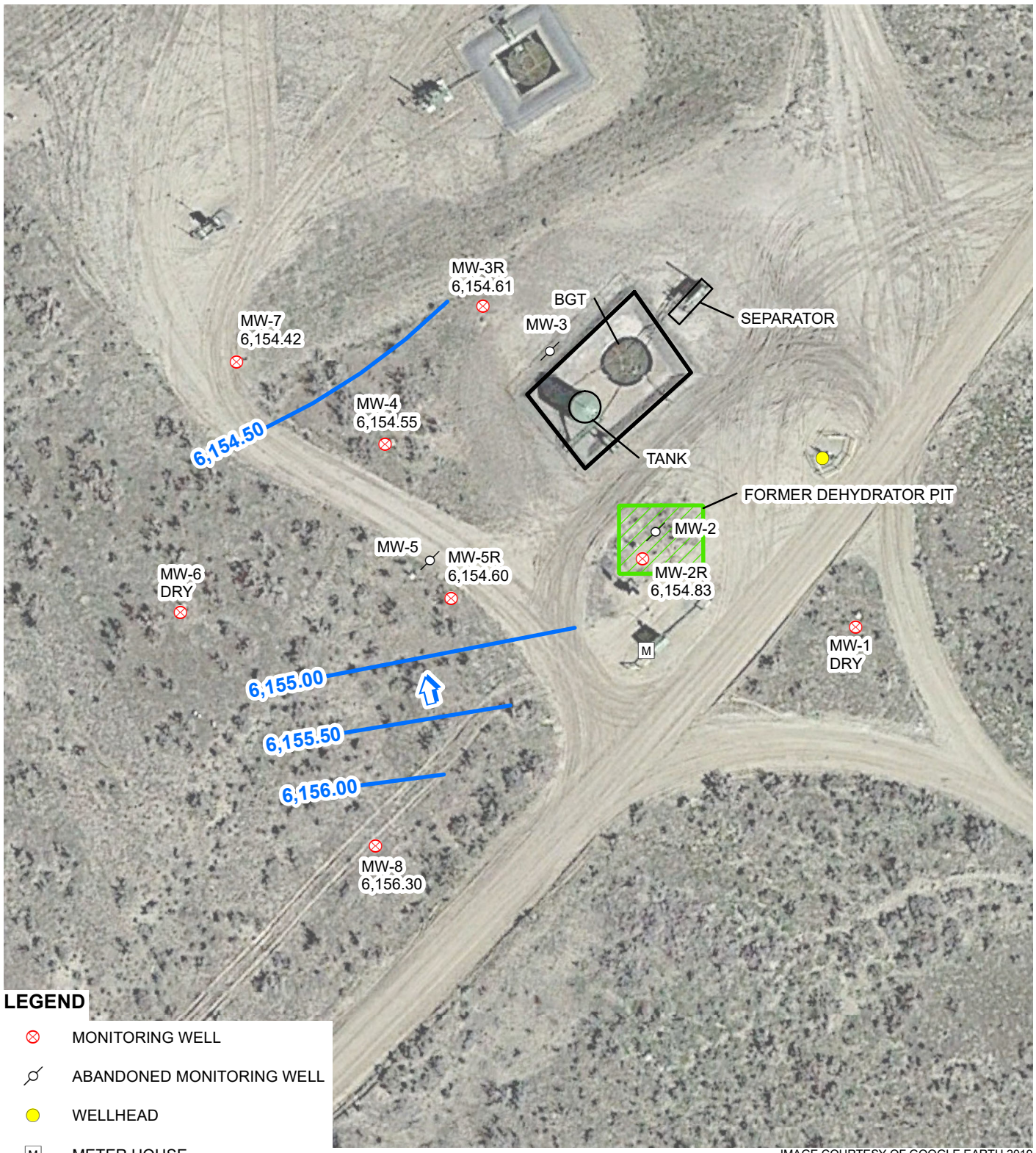
BGT: BELOW GRADE TANK

0 50 100
Feet

N

FIGURE 2
SITE MAP
DAVIS #1A
SEC 11 T31N R12W
SAN JUAN COUNTY, NEW MEXICO
HARVEST FOUR CORNERS, LLC

P:\Harvest Four Corners\GIS\MXD\090319010_DAVIS 1A\090319018_FIG02_SITE_2020.mxd



LEGEND

- MONITORING WELL
- ABANDONED MONITORING WELL
- WELLHEAD
- M METER HOUSE
- SURVEYED GROUNDWATER FLOW DIRECTION
- GROUNDWATER ELEVATION CONTOUR
- CONTOUR INTERVAL = 0.50 FEET

BGT: BELOW GRADE TANK

GROUNDWATER ELEVATION MEASUREMENTS IN FEET ABOVE MEAN SEA LEVEL ON MAY 19, 2021.
DRY: DRY WELL

FIGURE 3
GROUNDWATER ELEVATION CONTOUR MAP
(MARCH 2021)
DAVIS #1A
SEC 11 T31N R12W
SAN JUAN COUNTY, NEW MEXICO
HARVEST FOUR CORNERS, LLC

P:\Harvest Four Corners\GIS\MXD\090319010_DAVIS 1A\090319010_FIG03_GWE_MARCH_2021.mxd

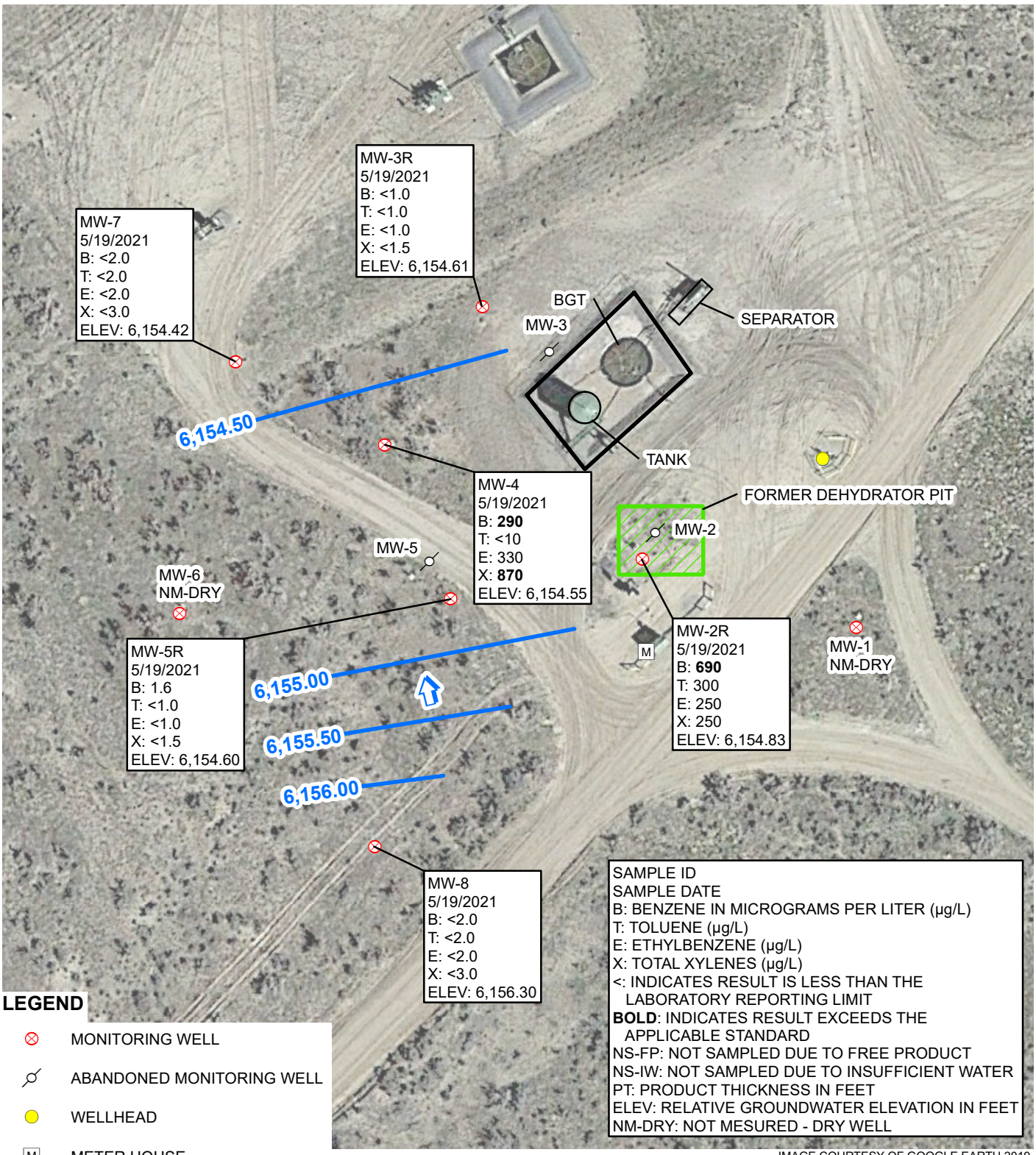
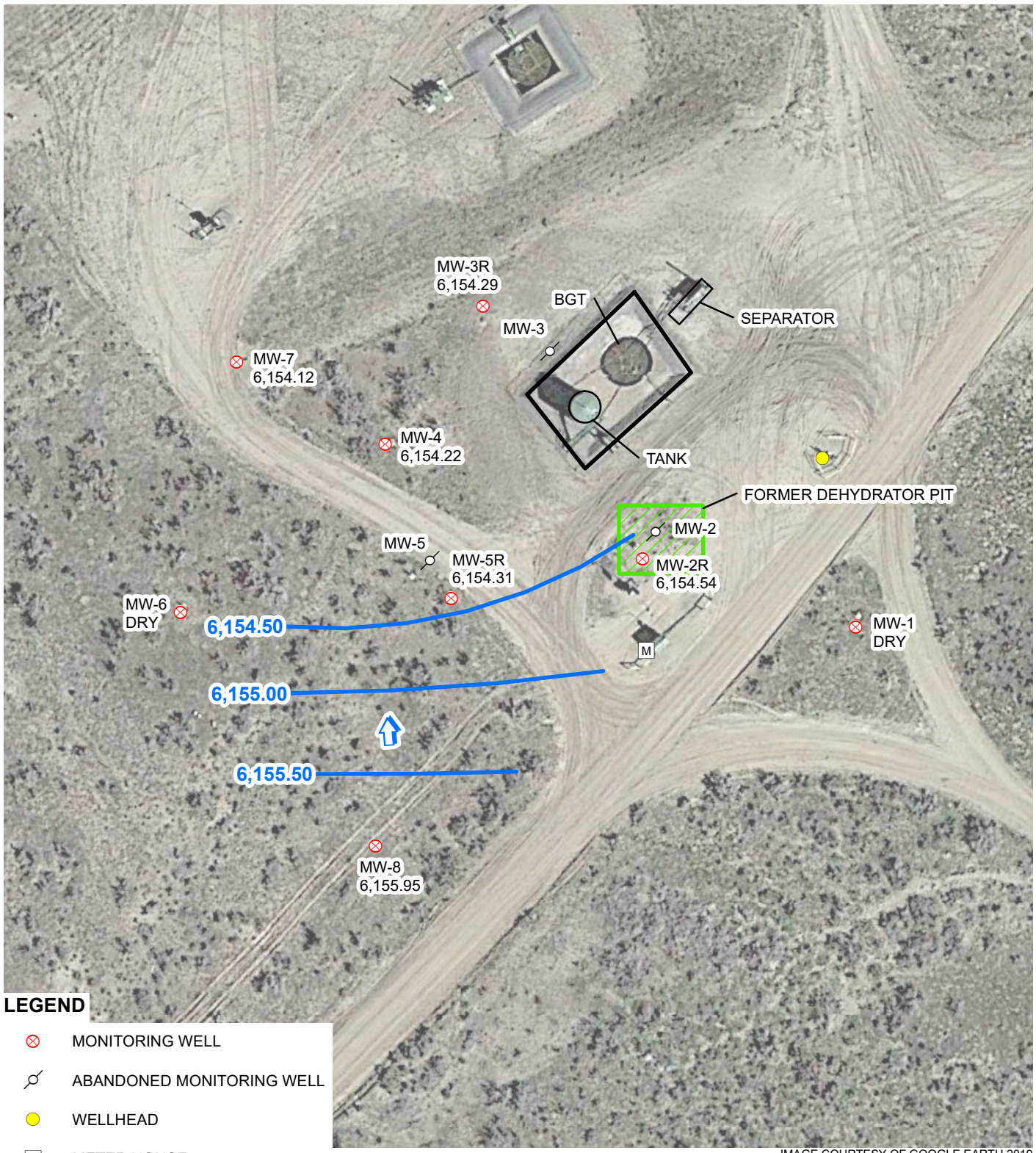


FIGURE 4
GROUNDWATER ELEVATION CONTOUR MAP
(MAY 2021)
DAVIS #1A
SEC 11 T31N R12W
SAN JUAN COUNTY, NEW MEXICO
HARVEST FOUR CORNERS, LLC

P:\Harvest Four Corners\GIS\MXD\090319010_DAVIS 1A\090319010_FIG03_GWE_GWA_MAY_2021.mxd



LEGEND

- MONITORING WELL
- ABANDONED MONITORING WELL
- WELLHEAD
- METER HOUSE
- SURVEYED GROUNDWATER FLOW DIRECTION
- GROUNDWATER ELEVATION CONTOUR
- CONTOUR INTERVAL = 0.50 FEET

BGT: BELOW GRADE TANK

GROUNDWATER ELEVATION MEASUREMENTS IN FEET ABOVE MEAN SEA LEVEL ON JULY 27, 2021.
DRY: DRY WELL

FIGURE 5
GROUNDWATER ELEVATION CONTOUR MAP
(JULY 2021)
DAVIS #1A
SEC 11 T31N R12W
SAN JUAN COUNTY, NEW MEXICO
HARVEST FOUR CORNERS, LLC

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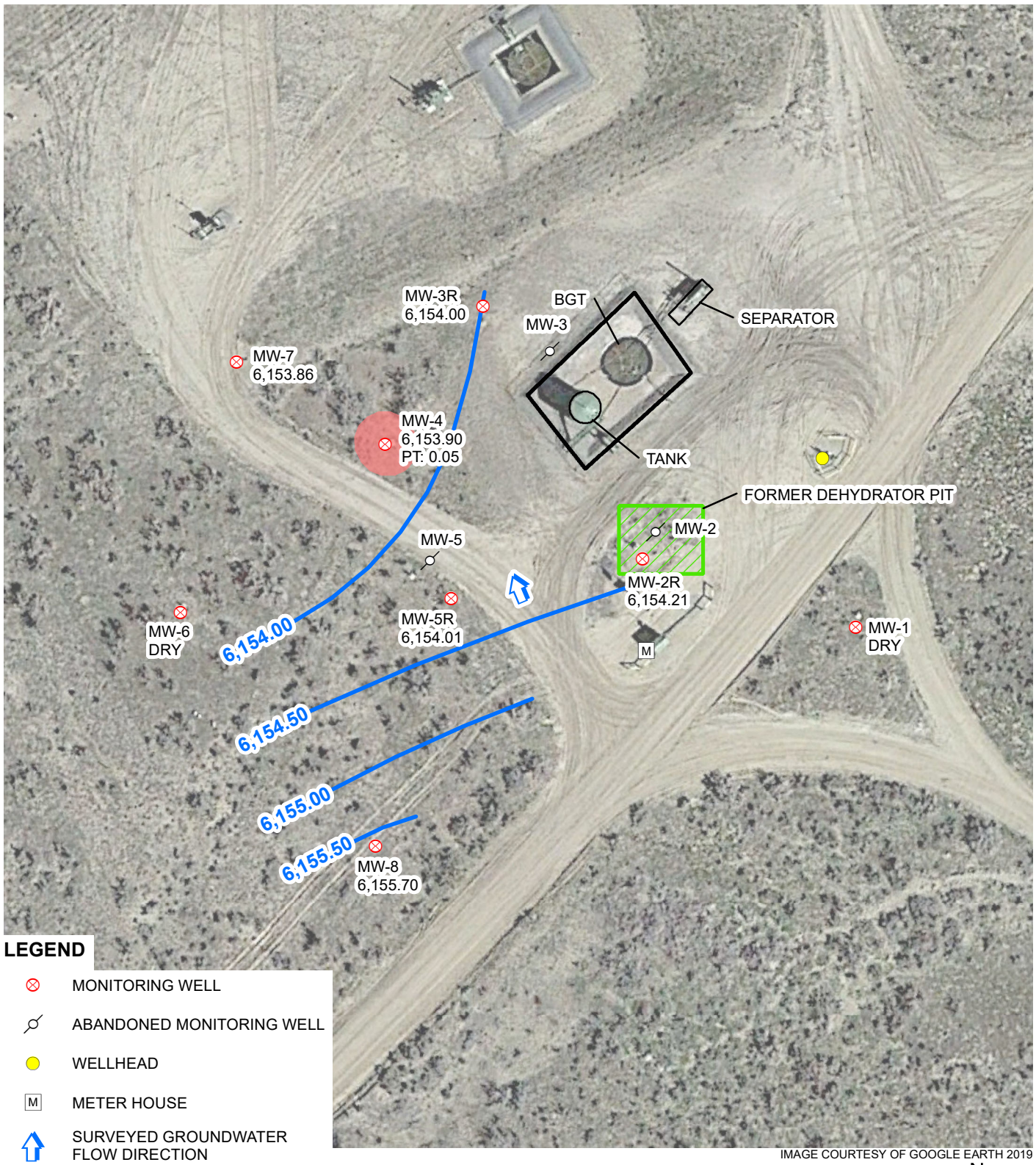

LEGEND

- MONITORING WELL
- ABANDONED MONITORING WELL
- WELLHEAD
- METER HOUSE
- SURVEYED GROUNDWATER FLOW DIRECTION
- GROUNDWATER ELEVATION CONTOUR
- CONTOUR INTERVAL = 0.50 FEET
- APPROXIMATE FREE PRODUCT PLUME

BGT: BELOW GRADE TANK

GROUNDWATER ELEVATION MEASUREMENTS IN FEET ABOVE MEAN SEA LEVEL ON DECEMBER 2, 2021.
DRY: DRY WELL
PT: PRODUCT THICKNESS IN FEET

IMAGE COURTESY OF GOOGLE EARTH 2019

0 50 100
Feet

N

FIGURE 6
GROUNDWATER ELEVATION CONTOUR MAP
(DECEMBER 2021)
DAVIS #1A
SEC 11 T31N R12W
SAN JUAN COUNTY, NEW MEXICO
HARVEST FOUR CORNERS, LLC

P:\Harvest Four Corners\GIS\MXD\090319010_DAVIS 1A\090319010_FIG06_GWE_DEC_2021.mxd

TABLES

TABLE 1

GROUNDWATER ELEVATION SUMMARY
DAVIS #1A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-1	2/27/2013	6,217.14	65.44	NP	NP	6,151.70
MW-1*	6/27/2013	6,224.82	65.65	NP	NP	6,159.17
MW-1	9/23/2013	6,224.82	66.06	NP	NP	6,158.76
MW-1	12/4/2013	6,224.82	65.97	NP	NP	6,158.85
MW-1	3/20/2014	6,224.82	65.96	NP	NP	6,158.86
MW-1	6/10/2014	6,224.82	66.05	NP	NP	6,158.77
MW-1	9/15/2014	6,224.82	66.07	NP	NP	6,158.75
MW-1	12/10/2014	6,224.82	66.58	NP	NP	6,158.24
MW-1	3/12/2015	6,224.82	66.40	NP	NP	6,158.42
MW-1	9/14/2015	6,224.82	66.73	NP	NP	6,158.09
MW-1	6/13/2016	6,224.82	66.43	NP	NP	6,158.39
MW-1	12/1/2016	6,224.82	66.93	NP	NP	6,157.89
MW-1	6/28/2017	6,224.82	66.92	NP	NP	6,157.90
MW-1	6/27/2018	6,224.82	DRY	NP	NP	DRY
MW-1	6/25/2019	6,224.82	68.80	NP	NP	6,156.02
MW-1**	11/11/2019	6,225.08	69.07	NP	NP	6,156.01
MW-1	3/3/2020	6,225.08	DRY	NP	NP	DRY
MW-1	3/11/2020	6,225.08	69.18	NP	NP	6,155.90
MW-1	6/8/2020	6,225.08	DRY	NP	NP	DRY
MW-1	9/21/2020	6,225.08	DRY	NP	NP	DRY
MW-1	12/11/2020	6,225.08	DRY	NP	NP	DRY
MW-1	3/8/2021	6,225.08	DRY	NP	NP	DRY
MW-1	5/19/2021	6,225.08	DRY	NP	NP	DRY
MW-1	7/27/2021	6,225.08	DRY	NP	NP	DRY
MW-1	12/2/2021	6,225.08	DRY	NP	NP	DRY
MW-2	2/27/2013	6,215.55	63.35	NP	NP	6,152.20
MW-2*	6/27/2013	6,222.98	DRY	NP	NP	DRY
MW-2	9/23/2013	6,222.98	DRY	NP	NP	DRY
MW-2	12/4/2013	6,222.98	DRY	NP	NP	DRY
MW-2	3/20/2014	6,222.98	DRY	NP	NP	DRY
MW-2	6/10/2014	6,222.98	DRY	NP	NP	DRY
MW-2	9/15/2014	6,222.98	DRY	NP	NP	DRY
MW-2	12/10/2014	6,222.98	DRY	NP	NP	DRY
MW-2	3/12/2015	6,222.98	DRY	NP	NP	DRY
MW-2	9/14/2015	6,222.98	DRY	NP	NP	DRY

TABLE 1

GROUNDWATER ELEVATION SUMMARY
DAVIS #1A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-2	6/13/2016	6,222.98	DRY	NP	NP	DRY
MW-2	12/1/2016	6,222.98	DRY	NP	NP	DRY
MW-2	6/28/2017	6,222.98	DRY	NP	NP	DRY
MW-2	6/27/2018	6,222.98	DRY	NP	NP	DRY
MW-2	6/25/2019	6,222.98	DRY	NP	NP	DRY
MW-2R**	11/11/2019	6,219.02	63.35	63.33	0.02	6,155.69
MW-2R	3/3/2020	6,219.02	63.41	NP	NP	6,155.61
MW-2R	3/11/2020	6,219.02	63.43	NP	NP	6,155.59
MW-2R	6/8/2020	6,219.02	63.52	NP	NP	6,155.50
MW-2R	9/21/2020	6,219.02	63.98	NP	NP	6,155.04
MW-2R	12/11/2020	6,219.02	64.10	NP	NP	6,154.92
MW-2R	3/8/2021	6,219.02	64.20	NP	NP	6,154.82
MW-2R	5/19/2021	6,219.02	64.19	NP	NP	6,154.83
MW-2R	7/27/2021	6,219.02	64.48	NP	NP	6,154.54
MW-2R	12/2/2021	6,219.02	64.81	NP	NP	6,154.21
MW-3	2/27/2013	DEST	DEST	DEST	DEST	DEST
MW-3R**	11/11/2019	6,218.10	62.69	NP	NP	6,155.41
MW-3R	3/3/2020	6,218.10	62.66	NP	NP	6,155.44
MW-3R	3/11/2020	6,218.10	62.73	NP	NP	6,155.37
MW-3R	6/8/2020	6,218.10	62.86	NP	NP	6,155.24
MW-3R	9/11/220	6,218.10	63.32	NP	NP	6,154.78
MW-3R	12/11/2020	6,218.10	63.38	NP	NP	6,154.72
MW-3R	5/19/2021	6,218.10	63.49	NP	NP	6,154.61
MW-3R	7/27/2021	6,218.10	63.81	NP	NP	6,154.29
MW-3R	12/2/2021	6,218.10	64.10	NP	NP	6,154.00
MW-4	2/27/2013	6,210.56	59.87	NP	NP	6,150.69
MW-4*	6/27/2013	6,218.14	60.02	NP	NP	6,158.12
MW-4	9/23/2013	6,218.14	60.39	NP	NP	6,157.75
MW-4	12/4/2013	6,218.14	60.15	NP	NP	6,157.99
MW-4	3/20/2014	6,218.14	60.18	NP	NP	6,157.96
MW-4	6/10/2014	6,218.14	60.27	NP	NP	6,157.87
MW-4	9/15/2014	6,218.14	60.32	NP	NP	6,157.82
MW-4	12/10/2014	6,218.14	60.78	NP	NP	6,157.36
MW-4	3/12/2015	6,218.14	60.64	NP	NP	6,157.50

TABLE 1

GROUNDWATER ELEVATION SUMMARY
DAVIS #1A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-4	9/14/2015	6,218.14	60.98	NP	NP	6,157.16
MW-4	6/13/2016	6,218.14	60.73	NP	NP	6,157.41
MW-4	12/1/2016	6,218.14	61.15	NP	NP	6,156.99
MW-4	6/28/2017	6,218.14	61.17	NP	NP	6,156.97
MW-4	6/27/2018	6,218.14	61.86	NP	NP	6,156.28
MW-4	6/25/2019	6,218.14	64.08	61.92	2.16	6,157.94
MW-4**	11/11/2019	6,218.40	63.71	62.28	1.43	6,155.83
MW-4	3/3/2020	6,218.40	63.31	63.01	0.30	6,155.33
MW-4	3/11/2020	6,218.40	63.4	63.08	0.32	6,155.26
MW-4	6/8/2020	6,218.40	63.44	63.14	0.30	6,155.20
MW-4	9/21/2020	6,218.40	63.67	NP	NP	6,154.73
MW-4	12/11/2020	6,218.40	63.74	NP	NP	6,154.66
MW-4	3/8/2021	6,218.40	63.81	NP	NP	6,154.59
MW-4	5/19/2021	6,218.40	63.85	NP	NP	6,154.55
MW-4	7/27/2021	6,218.40	64.18	NP	NP	6,154.22
MW-4	12/2/2021	6,218.40	64.50	64.45	0.05	6,153.90
MW-5	2/27/2013	6,212.18	63.19	60.94	2.25	6,150.79
MW-5*	6/27/2013	6,220.03	63.52	61.31	2.21	6,158.28
MW-5	9/23/2013	6,220.03	63.55	61.79	1.76	6,157.89
MW-5	12/4/2013	6,220.03	63.15	61.62	1.53	6,158.10
MW-5	3/20/2014	6,220.03	63.19	61.63	1.56	6,158.09
MW-5	6/10/2014	6,220.03	63.31	61.73	1.58	6,157.98
MW-5	9/15/2014	6,220.03	63.33	61.80	1.53	6,157.92
MW-5	12/10/2014	6,220.03	63.38	62.28	1.10	6,157.53
MW-5	3/12/2015	6,220.03	63.99	62.05	1.94	6,157.59
MW-5	9/14/2015	6,220.03	64.28	62.36	1.92	6,157.29
MW-5	6/13/2016	6,220.03	63.88	62.13	1.75	6,157.55
MW-5	12/1/2016	6,220.03	64.31	62.58	1.73	6,157.10
MW-5	6/28/2017	6,220.03	64.32	62.56	1.76	6,157.12
MW-5	6/27/2018	6,220.03	64.97	63.26	1.71	6,156.43
MW-5	6/25/2019	6,220.03	65.45	63.99	1.46	6,155.75
MW-5R**	11/11/2019	6,217.63	62.22	62.19	0.03	6,155.43
MW-5R	3/3/2020	6,217.63	62.18	NP	NP	6,155.45
MW-5R	3/11/2020	6,217.63	62.26	NP	NP	6,155.37
MW-5R	6/8/2020	6,217.63	62.34	NP	NP	6,155.29

TABLE 1

GROUNDWATER ELEVATION SUMMARY
DAVIS #1A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-5R	9/11/2020	6,217.63	62.84	NP	NP	6,154.79
MW-5R	12/11/2020	6,217.63	62.91	NP	NP	6,154.72
MW-5R	3/8/2021	6,217.63	62.99	NP	NP	6,154.64
MW-5R	5/19/2021	6,217.63	63.03	NP	NP	6,154.60
MW-5R	7/27/2021	6,217.63	63.32	NP	NP	6,154.31
MW-5R	12/2/2021	6,217.63	63.62	NP	NP	6,154.01
MW-6	2/27/2013	6,211.23	60.68	NP	NP	6,150.55
MW-6*	6/27/2013	6,218.82	60.95	NP	NP	6,157.87
MW-6	9/23/2013	6,218.82	61.26	NP	NP	6,157.56
MW-6	12/4/2013	6,218.82	60.93	NP	NP	6,157.89
MW-6	3/20/2014	6,218.82	60.98	NP	NP	6,157.84
MW-6	6/10/2014	6,218.82	61.16	NP	NP	6,157.66
MW-6	9/15/2014	6,218.82	61.14	NP	NP	6,157.68
MW-6	12/10/2014	6,218.82	61.58	NP	NP	6,157.24
MW-6	3/12/2015	6,218.82	61.80	NP	NP	6,157.02
MW-6	9/14/2015	6,218.82	61.90	NP	NP	6,156.92
MW-6	6/13/2016	6,218.82	DRY	NP	NP	DRY
MW-6	12/1/2016	6,218.82	61.97	NP	NP	6,156.85
MW-6	6/28/2017	6,218.82	62.06	NP	NP	6,156.76
MW-6	6/27/2018	6,218.82	DRY	NP	NP	DRY
MW-6	6/25/2019	6,218.82	DRY	NP	NP	DRY
MW-6**	11/11/2019	6,219.03	DRY	NP	NP	DRY
MW-6	3/3/2020	6,219.03	DRY	NP	NP	DRY
MW-6	3/11/2020	6,219.03	DRY	NP	NP	DRY
MW-6	6/8/2020	6,219.03	DRY	NP	NP	DRY
MW-6	9/21/2020	6,219.03	DRY	NP	NP	DRY
MW-6	12/11/2020	6,219.03	DRY	NP	NP	DRY
MW-6	3/8/2021	6,219.03	DRY	NP	NP	DRY
MW-6	5/19/2021	6,219.03	DRY	NP	NP	DRY
MW-6	7/27/2021	6,219.03	DRY	NP	NP	DRY
MW-6	12/2/2021	6,219.03	DRY	NP	NP	DRY
MW-7	2/27/2013	6,209.18	58.68	NP	NP	6,150.50
MW-7*	6/27/2013	6,216.82	58.84	NP	NP	6,157.98
MW-7	9/23/2013	6,216.82	59.21	NP	NP	6,157.61
MW-7	12/4/2013	6,216.82	58.94	NP	NP	6,157.88

TABLE 1

GROUNDWATER ELEVATION SUMMARY
DAVIS #1A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-7	3/20/2014	6,216.82	58.97	NP	NP	6,157.85
MW-7	6/10/2014	6,216.82	59.09	NP	NP	6,157.73
MW-7	9/15/2014	6,216.82	59.05	NP	NP	6,157.77
MW-7	12/10/2014	6,216.82	59.59	NP	NP	6,157.23
MW-7	3/12/2015	6,216.82	59.48	NP	NP	6,157.34
MW-7	9/14/2015	6,216.82	59.81	NP	NP	6,157.01
MW-7	6/13/2016	6,216.82	59.60	NP	NP	6,157.22
MW-7	12/1/2016	6,216.82	59.97	NP	NP	6,156.85
MW-7	6/28/2017	6,216.82	59.99	NP	NP	6,156.83
MW-7	6/27/2018	6,216.82	60.65	NP	NP	6,156.17
MW-7	6/25/2019	6,216.82	61.23	NP	NP	6,155.59
MW-7**	11/11/2019	6,217.08	61.86	NP	NP	6,155.22
MW-7	3/3/2020	6,217.08	61.80	NP	NP	6,155.28
MW-7	3/11/2020	6,217.08	61.86	NP	NP	6,155.22
MW-7	6/8/2020	6,217.08	61.98	NP	NP	6,155.10
MW-7	9/11/2020	6,217.08	62.46	NP	NP	6,154.62
MW-7	12/11/2020	6,217.08	62.54	NP	NP	6,154.54
MW-7	3/8/2021	6,217.08	62.62	NP	NP	6,154.46
MW-7	5/19/2021	6,217.08	62.66	NP	NP	6,154.42
MW-7	7/27/2021	6,217.08	62.96	NP	NP	6,154.12
MW-7	12/2/2021	6,217.08	63.22	NP	NP	6,153.86

TABLE 1

GROUNDWATER ELEVATION SUMMARY
DAVIS #1A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-8**	11/11/2019	6,222.03	64.59	NP	NP	6,157.44
MW-8	3/3/2020	6,222.03	64.61	NP	NP	6,157.42
MW-8	3/11/2020	6,222.03	64.84	NP	NP	6,157.19
MW-8	6/8/2020	6,222.03	64.85	NP	NP	6,157.18
MW-8	9/21/2020	6,222.03	65.50	NP	NP	6,156.53
MW-8	12/11/2020	6,222.03	65.40	NP	NP	6,156.63
MW-8	3/8/2021	6,222.03	65.74	NP	NP	6,156.29
MW-8	5/19/2021	6,222.03	65.73	NP	NP	6,156.30
MW-8	7/27/2021	6,222.03	66.08	NP	NP	6,155.95
MW-8	12/2/2021	6,222.03	66.33	NP	NP	6,155.70

Notes:

AMSL - above mean sea level
BTOC - below top of casing
DEST - well has been destroyed
NP - no product

* Top of casing elevation was resurveyed on 6/21/13
** Top of casing elevation resurveyed on 11/15/2019
Groundwater elevation calculation in wells with product:
(Top of Casing Elevation - Depth to Water) + (Product Thickness * 0.8)

TABLE 2

GROUNDWATER LABORATORY ANALYTICAL RESULTS
DAVIS #1A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1,000**	**700**	**620**
MW-1	5/25/1999	<0.5	<0.5	<0.5	<1.5
MW-1	9/20/1999	<0.5	<0.5	<0.5	<1.5
MW-1	12/8/1999	<0.5	<0.5	<0.5	<1.5
MW-1	3/14/2000	<0.5	<0.5	<0.5	<1.5
MW-1	6/8/2000	<0.5	<0.5	<0.5	<1.5
MW-1	11/14/2000	<1	<1	<1	<1
MW-1	1/5/2001	<1	<1	<1	<1
MW-1	10/2/2001	<1.0	<2.0	<2.0	<2.0
MW-1	9/21/2004	<2.0	<2.0	<2.0	<5.0
MW-1	3/3/2005	<2.0	<2.0	<2.0	<5.0
MW-1	9/15/2005	<2.0	<2.0	<2.0	<5.0
MW-1	12/2/2005	<2.0	<2.0	<2.0	<5.0
MW-1	9/19/2006	<1.0	<1.0	<1.0	<3.0
MW-1	3/26/2008	<1.0	<1.0	<1.0	<3.0
MW-1	6/10/2008	<1.0	<1.0	<1.0	<3.0
MW-1	9/18/2008	<1.0	<1.0	<1.0	<3.0
MW-1	12/4/2008	<1.0	<1.0	<1.0	<3.0
MW-1	7/8/2009	<1.0	<1.0	<1.0	<3.0
MW-1	9/9/2009	<1.0	<1.0	<1.0	<3.0
MW-1	12/21/2009	<1.0	<1.0	<1.0	3.0
MW-1	3/30/2010	<1.0	<1.0	<1.0	<3.0
MW-1	6/18/2010	<1.0	<1.0	<1.0	<3.0
MW-1	9/9/2010	<1.0	<1.0	<1.0	<3.0
MW-1	12/3/2010	<1.0	<1.0	<1.0	<3.0
MW-1	3/2/2011	<1.0	<1.0	<1.0	<3.0
MW-1	6/15/2011	<1.0	<1.0	<1.0	<3.0
MW-1	9/14/2011	<1.0	<1.0	<1.0	<3.0
MW-1	1/10/2012	<1.0	<1.0	<1.0	<3.0
MW-1	4/4/2012	<1.0	<1.0	<1.0	<3.0
MW-1	6/13/2012	<1.0	<1.0	<1.0	<3.0
MW-1	10/2/2012	<1.0	<1.0	<1.0	<3.0
MW-1	12/13/2012	<1.0	<1.0	<1.0	<3.0
MW-1	2/27/2013	<2.0	<2.0	<2.0	<4.0
MW-1	11/11/2019	NS-IW	NS-IW	NS-IW	NS-IW
MW-1	6/8/2020	DRY	DRY	DRY	DRY

TABLE 2

GROUNDWATER LABORATORY ANALYTICAL RESULTS
DAVIS #1A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1,000**	**700**	**620**
MW-1	5/19/2021	DRY	DRY	DRY	DRY
MW-2	5/25/1999	NS	NS	NS	NS
MW-2	9/20/1999	NS	NS	NS	NS
MW-2	12/8/1999	**19,000**	**34,000**	**1,000**	**8,700**
MW-2	3/14/2000	**17,000**	**31,000**	**9,200**	**7,800**
MW-2	6/8/2000	**16,000**	**33,000**	**970**	**8,600**
MW-2	10/2/2001	**16,000**	**36,000**	730	**7,300**
MW-2	3/13/2002	**12,000**	**23,000**	**870**	**7,900**
MW-2	12/15/2003	**11,000**	**27,000**	700	**6,100**
MW-2	4/4/2012	NS	NS	NS	NS
MW-2	6/13/2012	NS	NS	NS	NS
MW-2	10/2/2012	NS	NS	NS	NS
MW-2	12/13/2012	NS	NS	NS	NS
MW-2	2/27/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	6/21/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	9/23/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	12/4/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	3/20/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	6/10/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	9/15/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	12/10/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	3/12/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	9/14/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	6/13/2016	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	12/1/2016	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	6/28/2017	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	6/27/2018	NS-IW	NS-IW	NS-IW	NS-IW
MW-2R	11/11/2019	NS-FP	NS-FP	NS-FP	NS-FP
MW-2R	6/8/2020	**310**	240	170	**1,900**
MW-2R	5/19/2021	**690**	300	250	250
MW-3	5/25/1999	NS	NS	NS	NS
MW-3	9/20/1999	NS	NS	NS	NS
MW-3	12/8/1999	NS	NS	NS	NS

TABLE 2

GROUNDWATER LABORATORY ANALYTICAL RESULTS
DAVIS #1A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1,000**	**700**	**620**
MW-3	3/14/2000	NS	NS	NS	NS
MW-3	6/8/2000	NS	NS	NS	NS
MW-3	3/8/2005	NS	NS	NS	NS
MW-3	4/4/2012	NS	NS	NS	NS
MW-3	6/13/2012	NS	NS	NS	NS
MW-3	10/2/2012	NS	NS	NS	NS
MW-3	12/13/2012	NS	NS	NS	NS
MW-3	2/27/2013	DEST	DEST	DEST	DEST
MW-3R	11/11/2019	<1.0	<1.0	<1.0	<2.0
MW-3R	6/8/2020	<1.0	<1.0	<1.0	<2.0
MW-3R	5/19/2021	<1.0	<1.0	<1.0	<1.5
MW-4	5/25/1999	<0.5	<0.5	<0.5	<1.5
MW-4	9/20/1999	<0.5	<0.5	<0.5	<1.5
MW-4	12/8/1999	<0.5	<0.5	<0.5	<1.5
MW-4	3/14/2000	<0.5	<0.5	<0.5	<1.5
MW-4	6/8/2000	<0.5	<0.5	<0.5	<1.5
MW-4	11/14/2000	<1	<1	<1	<1
MW-4	1/5/2001	<1	<1	<1	<1
MW-4	10/2/2001	<1.0	<2.0	<2.0	<2.0
MW-4	12/15/2003	<2.0	<2.0	<2.0	<5.0
MW-4	9/21/2004	<2.0	<2.0	<2.0	<5.0
MW-4	12/2/2004	<2.0	<2.0	<2.0	<5.0
MW-4	3/3/2005	<2.0	<2.0	<2.0	<5.0
MW-4	6/17/2005	<2.0	2.9	<2.0	<5.0
MW-4	9/15/2005	<2.0	<2.0	<2.0	<5.0
MW-4	12/2/2005	<2.0	<2.0	<2.0	<5.0
MW-4	6/2/2006	<1.0	<1.0	<1.0	<3.0
MW-4	9/19/2006	<1.0	<1.0	<1.0	<3.0
MW-4	3/26/2008	<1.0	<1.0	<1.0	<3.0
MW-4	6/10/2008	<1.0	<1.0	<1.0	<3.0
MW-4	9/18/2008	<1.0	<1.0	<1.0	<3.0
MW-4	12/4/2008	<1.0	<1.0	<1.0	<3.0
MW-4	7/8/2009	<1.0	<1.0	<1.0	<3.0
MW-4	9/9/2009	<1.0	<1.0	<1.0	<3.0

TABLE 2

GROUNDWATER LABORATORY ANALYTICAL RESULTS
DAVIS #1A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1,000**	**700**	**620**
MW-4	6/18/2010	<1.0	<1.0	<1.0	<3.0
MW-4	9/9/2010	<1.0	<1.0	<1.0	<3.0
MW-4	12/3/2010	<1.0	<1.0	<1.0	<3.0
MW-4	3/2/2011	<1.0	<1.0	<1.0	<3.0
MW-4	6/15/2011	<1.0	<1.0	<1.0	<3.0
MW-4	9/14/2011	<1.0	<1.0	<1.0	<3.0
MW-4	1/10/2012	<1.0	<1.0	<1.0	<3.0
MW-4	4/4/2012	<1.0	<1.0	<1.0	<3.0
MW-4	6/13/2012	<1.0	<1.0	<1.0	<3.0
MW-4	10/2/2012	<1.0	<1.0	<1.0	<3.0
MW-4	12/13/2012	<1.0	<1.0	<1.0	<3.0
MW-4	2/27/2013	<2.0	<2.0	<2.0	<4.0
MW-4	11/11/2019	NS-FP	NS-FP	NS-FP	NS-FP
MW-4	6/8/2020	NS-FP	NS-FP	NS-FP	NS-FP
MW-4	5/19/2021	**290**	<10	330	**870**
MW-5	5/25/1999	NS	NS	NS	NS
MW-5	9/20/1999	NS	NS	NS	NS
MW-5	12/8/1999	**900**	**3,100**	380	**3,090**
MW-5	3/14/2000	**290**	340	190	**1,300**
MW-5	6/8/2000	**670**	38	280	**1,685**
MW-5	11/14/2000	**814**	28.2	210	569
MW-5	1/5/2001	**1,780**	44.9	252	598
MW-5	10/2/2001	**6,200**	210	610	510
MW-5	3/13/2002	**3,700**	200	370	380
MW-5	12/2/2004	**8,500**	**1,000**	280	**740**
MW-5	3/3/2005	**6,600**	**2,500**	290	**2,400**
MW-5	6/22/2006	6.6	1.0	<1.0	<3.0
MW-5	9/19/2006	**3,800**	**919**	163	**928**
MW-5	4/4/2012	NS	NS	NS	NS
MW-5	6/13/2012	NS	NS	NS	NS
MW-5	10/2/2012	NS	NS	NS	NS
MW-5	12/13/2012	**11,800**	**1,270**	**7,620**	**8,910**
MW-5	2/27/2013	NS-FP	NS-FP	NS-FP	NS-FP
MW-5	6/21/2013	NS-FP	NS-FP	NS-FP	NS-FP

TABLE 2

GROUNDWATER LABORATORY ANALYTICAL RESULTS
DAVIS #1A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1,000**	**700**	**620**
MW-5	9/23/2013	NS-FP	NS-FP	NS-FP	NS-FP
MW-5	12/4/2013	NS-FP	NS-FP	NS-FP	NS-FP
MW-5	3/20/2014	NS-FP	NS-FP	NS-FP	NS-FP
MW-5	6/10/2014	NS-FP	NS-FP	NS-FP	NS-FP
MW-5	9/15/2014	NS-FP	NS-FP	NS-FP	NS-FP
MW-5	12/10/2014	NS-FP	NS-FP	NS-FP	NS-FP
MW-5	3/12/2015	NS-FP	NS-FP	NS-FP	NS-FP
MW-5	9/14/2015	NS-FP	NS-FP	NS-FP	NS-FP
MW-5	6/13/2016	NS-FP	NS-FP	NS-FP	NS-FP
MW-5	12/1/2016	NS-FP	NS-FP	NS-FP	NS-FP
MW-5	6/28/2017	NS-FP	NS-FP	NS-FP	NS-FP
MW-5	6/27/2018	NS-FP	NS-FP	NS-FP	NS-FP
MW-5R	11/11/2019	NS-FP	NS-FP	NS-FP	NS-FP
MW-5R	6/8/2020	**5.4**	<1.0	<1.0	<2.0
MW-5R	5/19/2021	1.6	<1.0	<1.0	<1.5
MW-6	5/25/1999	NS	NS	NS	NS
MW-6	9/20/1999	<0.5	<0.5	<0.5	<1.5
MW-6	12/8/1999	<0.5	<0.5	<0.5	<1.5
MW-6	3/14/2000	<0.5	<0.5	<0.5	<1.5
MW-6	6/8/2000	<0.5	<0.5	<0.5	<1.5
MW-6	11/14/2000	<1	<1	<1	<1
MW-6	1/5/2001	<1	<1	<1	<1
MW-6	3/13/2002	<2.0	<2.0	<2.0	<5.0
MW-6	12/15/2003	<2.0	<2.0	<2.0	<5.0
MW-6	9/21/2004	<2.0	<2.0	<2.0	<5.0
MW-6	12/2/2004	<2.0	<2.0	<2.0	<5.0
MW-6	3/3/2005	<2.0	<2.0	<2.0	<5.0
MW-6	6/17/2005	<2.0	<2.0	<2.0	<5.0
MW-6	9/15/2005	<2.0	<2.0	<2.0	<5.0
MW-6	12/2/2005	<2.0	<2.0	<2.0	<5.0
MW-6	6/22/2006	<1.0	<1.0	<1.0	<3.0
MW-6	9/19/2006	<1.0	<1.0	<1.0	<3.0
MW-6	3/26/2008	<1.0	<1.0	<1.0	<3.0
MW-6	6/10/2008	<1.0	<1.0	<1.0	<3.0

TABLE 2

GROUNDWATER LABORATORY ANALYTICAL RESULTS
DAVIS #1A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1,000**	**700**	**620**
MW-6	9/18/2008	<1.0	<1.0	<1.0	<3.0
MW-6	12/4/2008	<1.0	<1.0	<1.0	<3.0
MW-6	7/8/2009	<1.0	<1.0	<1.0	<3.0
MW-6	9/9/2009	<1.0	<1.0	<1.0	<3.0
MW-6	12/21/2009	<1.0	<1.0	<1.0	<3.0
MW-6	3/30/2010	<1.0	<1.0	<1.0	<3.0
MW-6	6/18/2010	<1.0	<1.0	<1.0	<3.0
MW-6	9/9/2010	<1.0	<1.0	<1.0	<3.0
MW-6	12/3/2010	<1.0	<1.0	<1.0	<3.0
MW-6	3/2/2011	<1.0	<1.0	<1.0	<3.0
MW-6	6/15/2011	<1.0	<1.0	<1.0	<3.0
MW-6	9/14/2011	<1.0	<1.0	<1.0	<3.0
MW-6	1/10/2012	<1.0	<1.0	<1.0	<3.0
MW-6	4/4/2012	<1.0	<1.0	<1.0	<3.0
MW-6	6/13/2012	<1.0	<1.0	<1.0	<3.0
MW-6	10/2/2012	<1.0	<1.0	<1.0	<3.0
MW-6	12/13/2012	<1.0	<1.0	<1.0	<3.0
MW-6	2/27/2013	<1.0	<1.0	<1.0	<2.0
MW-6	6/21/2013	<1.0	9.8	<1.0	12
MW-6	11/11/2019	NS-IW	NS-IW	NS-IW	NS-IW
MW-6	6/8/2020	DRY	DRY	DRY	DRY
MW-6	5/16/2021	DRY	DRY	DRY	DRY
MW-7	5/25/1999	NS	NS	NS	NS
MW-7	9/20/1999	<0.5	<0.5	<0.5	<1.5
MW-7	12/8/1999	<0.5	<0.5	<0.5	<1.5
MW-7	3/14/2000	<0.5	<0.5	<0.5	<1.5
MW-7	6/8/2000	<0.5	<0.5	<0.5	<1.5
MW-7	11/14/2000	<1	<1	<1	<1
MW-7	1/5/2001	<1	<1	<1	<1
MW-7	3/13/2002	<2.0	<2.0	<2.0	<5.0
MW-7	12/15/2003	<2.0	<2.0	<2.0	<5.0
MW-7	9/21/2004	<2.0	<2.0	<2.0	<5.0
MW-7	12/2/2004	<2.0	<2.0	<2.0	<5.0
MW-7	3/3/2005	<2.0	<2.0	<2.0	<5.0

TABLE 2

GROUNDWATER LABORATORY ANALYTICAL RESULTS
DAVIS #1A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1,000**	**700**	**620**
MW-7	6/17/2005	<2.0	<2.0	<2.0	<5.0
MW-7	9/15/2005	<2.0	<2.0	<2.0	<5.0
MW-7	12/2/2005	<2.0	<2.0	<2.0	<5.0
MW-7	6/22/2006	<1.0	<1.0	<1.0	<3.0
MW-7	9/19/2006	<1.0	<1.0	<1.0	<3.0
MW-7	3/26/2008	<1.0	<1.0	<1.0	<3.0
MW-7	6/10/2008	<1.0	<1.0	<1.0	<3.0
MW-7	9/18/2008	<1.0	<1.0	<1.0	<3.0
MW-7	12/4/2008	<1.0	<1.0	<1.0	<3.0
MW-7	7/8/2009	<1.0	<1.0	<1.0	<3.0
MW-7	9/9/2009	<1.0	<1.0	<1.0	<3.0
MW-7	12/21/2009	<1.0	<1.0	<1.0	<3.0
MW-7	3/30/2010	<1.0	<1.0	<1.0	<3.0
MW-7	6/18/2010	<1.0	<1.0	<1.0	<3.0
MW-7	9/9/2010	<1.0	<1.0	<1.0	<3.0
MW-7	12/3/2010	<1.0	<1.0	<1.0	<3.0
MW-7	3/2/2011	<1.0	<1.0	<1.0	<3.0
MW-7	6/15/2011	<1.0	<1.0	<1.0	<3.0
MW-7	9/14/2011	<1.0	<1.0	<1.0	<3.0
MW-7	1/10/2012	<1.0	<1.0	<1.0	<3.0
MW-7	4/4/2012	<1.0	<1.0	<1.0	<3.0
MW-7	6/13/2012	<1.0	<1.0	<1.0	<3.0
MW-7	10/2/2012	<1.0	<1.0	<1.0	<3.0
MW-7	12/13/2012	<1.0	<1.0	<1.0	<3.0
MW-7	2/27/2013	<2.0	<2.0	<2.0	<4.0
MW-7	6/21/2013	<1.0	<1.0	<1.0	<2.0
MW-7	6/28/2017	<1.0	<1.0	<1.0	<2.0
MW-7	6/27/2018	<1.0	<1.0	<1.0	<1.5
MW-7	6/25/2019	<1.0	<1.0	<1.0	<2.0
MW-7	11/11/2019	<1.0	<1.0	<1.0	<2.0
MW-7	6/8/2020	<1.0	<1.0	<1.0	<2.0
MW-7	5/19/2021	<2.0	<2.0	<2.0	<3.0

TABLE 2

GROUNDWATER LABORATORY ANALYTICAL RESULTS
DAVIS #1A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		**5**	**1,000**	**700**	**620**
MW-8	11/11/2019	<1.0	<1.0	<1.0	<2.0
MW-8	6/8/2020	<1.0	<1.0	<1.0	<2.0
MW-8	5/19/2021	<2.0	<2.0	<2.0	<3.0

Notes:
< - indicates result is less than laboratory reporting detection limit
Bold - indicates sample exceeds NMWQCC standard
DEST - well has been destroyed
µg/L - micrograms per liter
NMWQCC - New Mexico Water Quality Control Commission
NS-IW - well did not contain a sufficient volume of water to be sampled
NS - not sampled
NS-FP - not sampled due to the presence of free phase hydrocarbons in the well

ENCLOSURE A – GROUNDWATER SAMPLE COLLECTION FORMS

Water Sample Collection Form

Sample Location	Davis #1A	Harvest Four Corners, LLC
Sample Date	5.19.21	
Sample Time	1328	
Sample ID	MW-2R	
Analyses	BTEX 8021	
Matrix	Groundwater	Hall Environmental
Turn Around Time	Standard	Hand delivery
Depth to Water	14.19	TD: 74.55
Time		

Vol. of H2O to purge: 5.0 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 (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (F or C)	Conductivity (us or ms)	Comments
1311		.25	7.02	18.6	3.62	Drk gray strong HC odor / Sheen
1314		.50	7.00	17.3	3.52	" "
1316		.75	6.99	16.9	3.46	" "
1318		1	6.97	17.0	3.46	" "
1328		2.5	6.88	18.4	3.56	" "
		3				
		4				
		5				

Comments: well bailed dry @ 2.5 gallons.

Describe Deviations from SOP: Did not bail 5 gallons.

Signature: Caitlin Moore 5.19.21

Water Sample Collection Form

Sample Location	Davis #1A		Harvest Four Corners, LLC
Sample Date	5·19·21		
Sample Time	1252		
Sample ID	MW-3R		
Analyses	BTEX 8021		
Matrix	Groundwater		Hall Environmental
Turn Around Time	Standard		Hand delivery
Depth to Water	63.49		TD: 74.90
Time			

Vol. of H2O to purge: 5.5 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 (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (F or C)	Conductivity (us or ms)	Comments
1222		.25	7.00	18.5	3.99	Brn. Cloudy. No sheen/odor
1224		.50	7.00	17.1	3.91	" "
1225		.75	7.00	16.8	3.86	" "
1228		1	7.00	16.8	3.89	" "
1232		2	6.98	17.0	3.92	" "
1239		3	7.03	17.5	3.93	" "
1243		4	6.95	16.6	3.80	" "
1252		5.5	6.99	16.9	3.84	" "

Comments:

Describe Deviations from SOP:

Signature: Caitlin Mac

5·19·21

Water Sample Collection Form

Sample Location	Davis # 1A	Harvest Four Corners, LLC
Sample Date	5-19-21	
Sample Time	1358	
Sample ID	MW-4	
Analyses	BTEX 8021	
Matrix	Groundwater	Hall Environmental
Turn Around Time	Standard	Hand delivery
Depth to Water	63.85	TD: 67.65
Time		

Vol. of H2O to purge: 1.8 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 (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (F or (C))	Conductivity (us or (ms))	Comments
1348		.25	7.05	19.4	4.13	Gray. Strong HC odor / sheen.
1350		.50	7.07	17.0	3.95	" "
1352		.75	7.07	16.7	3.99	" "
1358		1.8	7.02	18.0	3.90	" "

Comments:

Describe Deviations from SOP:

Signature: Caitlin Mair 5-19-21

Water Sample Collection Form

Sample Location	Davis #1A	Harvest Four Corners, LLC
Sample Date	5-19-21	
Sample Time	1053	
Sample ID	MW-5R	
Analyses	BTEX 8021	
Matrix	Groundwater	Hall Environmental
Turn Around Time	Standard	Hand delivery
Depth to Water	63.03	TD: 73.20
Time	1020	
Vol. of H2O to purge	4.9 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 (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (F or C)	Conductivity (us or ms)	Comments
1026		.25	7.00	18.6	3.72	Clear, no odor/sheen
1028		.50	7.00	16.7	3.66	Gray, cloudy, no sheen/odor
1031		.75	6.98	16.6	3.63	" "
1033		1	6.97	16.4	3.60	" "
1038		2	6.93	16.1	3.60	" "
1043		3	~~3.59~~ 6.92	16.0	3.59	" "
1053		4.9	6.91	16.4	3.60	

Comments:

Describe Deviations from SOP:

Signature: Cait Moon 05.19.21

Water Sample Collection Form

Sample Location	Davis #1A		Harvest Four Corners, LLC
Sample Date	5-19-21		
Sample Time	0958		
Sample ID	MW-7		
Analyses	BTEX 8021		
Matrix	Groundwater		Hall Environmental
Turn Around Time	Standard		Hand delivery
Depth to Water	62.64	TD: 66.93	
Time	0938		
Vol. of H2O to purge	2 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 (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (F or C)	Conductivity (us or ms)	Comments
0943		.25	7.01	16.4	6.54	Brn, cloudy, no odor/sheen
0947		.50	7.01	16.3	6.58	" "
0950		.75	7.00	16.2	6.58	" "
0952		1	7.00	16.0	6.45	" "
0958		2	6.98	16.9	6.33	" "

Comments:

Describe Deviations from SOP:

Signature: Caitlin Mac 5-19-21

Water Sample Collection Form

Sample Location	Davis #1A	Harvest Four Corners, LLC
Sample Date	5.19.21	
Sample Time	1150	
Sample ID	MW-8	
Analyses	BTEX 8021	
Matrix	Groundwater	Hall Environmental
Turn Around Time	Standard	Hand delivery
Depth to Water	65.73	TD: 80.29
Time	11:11	
Vol. of H2O to purge	7.1 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 (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (F or C)	Conductivity (us or ms)	Comments
1114		.25	6.98	16.8	3.92	Brn, cloudy. No sheen/odor
1116		.50	6.97	16.0	3.90	" "
1118		.75	6.96	15.7	3.85	" "
1120		1	6.97	15.8	3.84	" "
1125		2	6.94	16.2	3.92	
1129		3	6.95	15.4	3.81	Drk gray No sheen/odor
1134		4	6.94	15.3	3.75	" "
1139		5	6.93	16.0	3.77	" "
1144		6	6.89	15.3	3.78	" "
1150		7.1	6.91	15.5	3.83	" "

Comments:

Describe Deviations from SOP:

Signature: Caitlin McCarthy 5.19.21

ENCLOSURE B – LABORATORY 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 03, 2021

Monica Smith

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

RE: Davis 1A OrderNo.: 2105878

Dear Monica Smith:

Hall Environmental Analysis Laboratory received 6 sample(s) on 5/20/2021 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: **2105878**
Date Reported: **6/3/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Lab Order:** 2105878
Project: Davis 1A

Lab ID: 2105878-001 **Collection Date:** 5/19/2021 1:28:00 PM
Client Sample ID: MW-2R **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	690	20	P	µg/L	20	5/25/2021 1:57:23 PM	R77728
Toluene	300	5.0	P	µg/L	5	5/24/2021 6:45:59 PM	B77620
Ethylbenzene	250	5.0	P	µg/L	5	5/24/2021 6:45:59 PM	B77620
Xylenes, Total	250	7.5	P	µg/L	5	5/24/2021 6:45:59 PM	B77620
Surr: 1,2-Dichloroethane-d4	88.3	70-130	P	%Rec	5	5/24/2021 6:45:59 PM	B77620
Surr: Dibromofluoromethane	90.7	70-130	P	%Rec	5	5/24/2021 6:45:59 PM	B77620
Surr: Toluene-d8	106	70-130	P	%Rec	5	5/24/2021 6:45:59 PM	B77620

Lab ID: 2105878-002 **Collection Date:** 5/19/2021 12:52:00 PM
Client Sample ID: MW-3R **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BRM**	
Benzene	ND	1.0		µg/L	1	5/24/2021 7:13:00 PM	B77620
Toluene	ND	1.0		µg/L	1	5/24/2021 7:13:00 PM	B77620
Ethylbenzene	ND	1.0		µg/L	1	5/24/2021 7:13:00 PM	B77620
Xylenes, Total	ND	1.5		µg/L	1	5/24/2021 7:13:00 PM	B77620
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	5/24/2021 7:13:00 PM	B77620
Surr: Dibromofluoromethane	110	70-130		%Rec	1	5/24/2021 7:13:00 PM	B77620
Surr: Toluene-d8	105	70-130		%Rec	1	5/24/2021 7:13:00 PM	B77620

Lab ID: 2105878-003 **Collection Date:** 5/19/2021 1:58:00 PM
Client Sample ID: MW-4 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BRM**	
Benzene	290	10		µg/L	10	5/24/2021 7:39:55 PM	B77620
Toluene	ND	10		µg/L	10	5/24/2021 7:39:55 PM	B77620
Ethylbenzene	330	10		µg/L	10	5/24/2021 7:39:55 PM	B77620
Xylenes, Total	870	15		µg/L	10	5/24/2021 7:39:55 PM	B77620
Surr: 1,2-Dichloroethane-d4	91.2	70-130		%Rec	10	5/24/2021 7:39:55 PM	B77620
Surr: Dibromofluoromethane	94.4	70-130		%Rec	10	5/24/2021 7:39:55 PM	B77620
Surr: Toluene-d8	115	70-130		%Rec	10	5/24/2021 7:39:55 PM	B77620

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: **2105878**
Date Reported: **6/3/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Lab Order:** 2105878
Project: Davis 1A

Lab ID: 2105878-004 **Collection Date:** 5/19/2021 10:53:00 AM
Client Sample ID: MW-5R **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	1.6	1.0		µg/L	1	5/25/2021 2:24:25 PM	R77728
Toluene	ND	1.0		µg/L	1	5/25/2021 2:24:25 PM	R77728
Ethylbenzene	ND	1.0		µg/L	1	5/25/2021 2:24:25 PM	R77728
Xylenes, Total	ND	1.5		µg/L	1	5/25/2021 2:24:25 PM	R77728
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	1	5/25/2021 2:24:25 PM	R77728
Surr: Dibromofluoromethane	105	70-130		%Rec	1	5/25/2021 2:24:25 PM	R77728
Surr: Toluene-d8	109	70-130		%Rec	1	5/25/2021 2:24:25 PM	R77728

Lab ID: 2105878-005 **Collection Date:** 5/19/2021 9:58:00 AM
Client Sample ID: MW-7 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	2.0	DP	µg/L	2	5/25/2021 2:51:38 PM	R77728
Toluene	ND	2.0	DP	µg/L	2	5/25/2021 2:51:38 PM	R77728
Ethylbenzene	ND	2.0	DP	µg/L	2	5/25/2021 2:51:38 PM	R77728
Xylenes, Total	ND	3.0	DP	µg/L	2	5/25/2021 2:51:38 PM	R77728
Surr: 1,2-Dichloroethane-d4	112	70-130	DP	%Rec	2	5/25/2021 2:51:38 PM	R77728
Surr: Dibromofluoromethane	111	70-130	DP	%Rec	2	5/25/2021 2:51:38 PM	R77728
Surr: Toluene-d8	107	70-130	DP	%Rec	2	5/25/2021 2:51:38 PM	R77728

Lab ID: 2105878-006 **Collection Date:** 5/19/2021 11:50:00 AM
Client Sample ID: MW-8 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	2.0	DP	µg/L	2	5/25/2021 3:18:38 PM	R77728
Toluene	ND	2.0	DP	µg/L	2	5/25/2021 3:18:38 PM	R77728
Ethylbenzene	ND	2.0	DP	µg/L	2	5/25/2021 3:18:38 PM	R77728
Xylenes, Total	ND	3.0	DP	µg/L	2	5/25/2021 3:18:38 PM	R77728
Surr: 1,2-Dichloroethane-d4	111	70-130	DP	%Rec	2	5/25/2021 3:18:38 PM	R77728
Surr: Dibromofluoromethane	111	70-130	DP	%Rec	2	5/25/2021 3:18:38 PM	R77728
Surr: Toluene-d8	107	70-130	DP	%Rec	2	5/25/2021 3:18:38 PM	R77728

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#: **2105878**

03-Jun-21

Client: Harvest

Project: Davis 1A

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **LCSW** Batch ID: **B77620** RunNo: **77620**

Prep Date: Analysis Date: **5/24/2021** SeqNo: **2755281** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	99.6	70	130			
Toluene	20	1.0	20.00	0	99.5	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		105	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		107	70	130			
Surr: Dibromofluoromethane	10		10.00		103	70	130			
Surr: Toluene-d8	10		10.00		101	70	130			

Sample ID: **mb** SampType: **MBLK** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **PBW** Batch ID: **B77620** RunNo: **77620**

Prep Date: Analysis Date: **5/24/2021** SeqNo: **2755296** 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	11		10.00		105	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	10		10.00		103	70	130			

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **LCSW** Batch ID: **R77728** RunNo: **77728**

Prep Date: Analysis Date: **5/25/2021** SeqNo: **2758918** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	102	70	130			
Toluene	20	1.0	20.00	0	102	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		108	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		107	70	130			
Surr: Dibromofluoromethane	10		10.00		104	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID: **2105878-004a ms** SampType: **MS** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **MW-5R** Batch ID: **R77728** RunNo: **77728**

Prep Date: Analysis Date: **5/25/2021** SeqNo: **2758921** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	24	1.0	20.00	1.575	112	70	130			
Toluene	21	1.0	20.00	0	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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2105878**

03-Jun-21

Client: Harvest

Project: Davis 1A

Sample ID: **2105878-004a ms** SampType: **MS** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **MW-5R** Batch ID: **R77728** RunNo: **77728**

Prep Date: Analysis Date: **5/25/2021** SeqNo: **2758921** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	11		10.00		114	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		113	70	130			
Surr: Dibromofluoromethane	12		10.00		117	70	130			
Surr: Toluene-d8	11		10.00		107	70	130			

Sample ID: **2105878-004a msd** SampType: **MSD** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **MW-5R** Batch ID: **R77728** RunNo: **77728**

Prep Date: Analysis Date: **5/25/2021** SeqNo: **2758922** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	23	1.0	20.00	1.575	107	70	130	4.56	20	
Toluene	20	1.0	20.00	0	102	70	130	1.31	20	
Surr: 1,2-Dichloroethane-d4	11		10.00		109	70	130	0	0	
Surr: 4-Bromofluorobenzene	12		10.00		117	70	130	0	0	
Surr: Dibromofluoromethane	11		10.00		111	70	130	0	0	
Surr: Toluene-d8	11		10.00		109	70	130	0	0	

Sample ID: **mb** SampType: **MBLK** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **PBW** Batch ID: **R77728** RunNo: **77728**

Prep Date: Analysis Date: **5/25/2021** SeqNo: **2758925** 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	11		10.00		107	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		111	70	130			
Surr: Dibromofluoromethane	11		10.00		106	70	130			
Surr: Toluene-d8	11		10.00		105	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: **2105878** RcptNo: **1**

Received By: **Juan Rojas** **5/20/2021 7:20:00 AM**

Completed By: **Sean Livingston** **5/20/2021 8:27:05 AM**

Reviewed By: JR 5/20/21

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 preserved 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 ☑

    # of preserved bottles checked for pH: 10 (<2 or >12 unless noted)

    Adjusted? 5.20.21

    Checked by:
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 ☐

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	0.8	Good				

Chain-of-Custody Record

Client: Harvest Midstream
Monica Smith

Mailing Address:

Phone #:

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☑ EDD (Type) PDF

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: Davis #1A

Project #: TE090321010

Project Manager: Brooke Herb

Sampler: C. McGinn

On Ice: ☑ Yes ☐ No

# of Coolers: 1

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

JR 5/20/21

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. 2105878	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)
5.19.21	1328	Aq	MW-2R	3VOA	HCl	001	X									
	1252		MW-3R			002	X									
	1358		MW-4			003	X									
	1053		MW-5R			004	X									
	0958		MW-7			005	X									
	1150		MW-8			006	X									

Analysis Request

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
5.19.21	1519	Caitlin McCarthy	[illegible]		5/19/21	1519
5/19/21	1830	Christian Walters	[illegible]	courier	5/20/21	7:20

Remarks: cc: brooke.herb@wsp.com

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

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 93148

CONDITIONS

Operator:	OGRID:
Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	373888
	Action Number: 93148
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of the 2021 Annual Groundwater Report: Content satisfactory 1. Continue with monitoring plan as stated within 2021 Annual Groundwater Report. 2. Groundwater samples will be collected annually and analyzed for BTEX from monitoring wells MW-2R, MW-3R, MW-4, MW-5R, MW-6, MW-7, and MW-8 if there is sufficient water and no PSH are present. 3. Harvest will maintain PR socks in monitoring wells that contain PSH and continue to manually remove PSH by bailing as necessary during groundwater monitoring events until no observable PSH is present in any groundwater monitoring wells. 4. Based on the decrease and absence/ineffective volume of PSH, the solar sipper system will be used on other Harvest locations and returned to this Site if consistent measurable PSH levels are observed. 5. A subsequent annual report summarizing groundwater remediation and monitoring activities in 2022 will be submitted to the NMOCD by March 31, 2023.	11/28/2022