REVIEWED
By Mike Buchanan at 4:20 pm, May 13, 2024

ENSOLUM

March 25, 2024

New Mexico Oil Conservation Division
New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: 2023 Annual Groundwater Report
Dogie East Pit
Rio Arriba County, New Mexico
Harvest Four Corners, LLC
NMOCD Incident No: nAUTOfAB000124
Remediation Permit Number 3RP-312-0

Review of the 2023 Annual Groundwater Report: Content Satisfactory
1. Continue to collect samples on a semi-annual basis for BTEX and address options for remediation effort.
2. Complete installation of additional monitoring wells as the site and obtain permit(s) from the OSE. Please upload all permits into the incident file in the online permitting site for OCD.
3. Submit 2024 Annual Groundwater Monitoring report to OCD by April 1, 2025.

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Harvest Four Corners, LLC (Harvest), presents this report describing activities conducted at the Dogie East Pit (Site), Remediation Permit Number 3RP-312-0, between January 2023 and December 2023. The scope of work for this project was continued remediation and monitoring of petroleum hydrocarbon impacts to groundwater resulting from the operation of a former lined pit used to collect drip gas and water from a condensate tank.

LOCATION

The Site is located at latitude 36.435003˚ and longitude -107.479499˚ in Unit D, Section 4, Township 25 North, Range 6 West (Figure 1). The Site is on the west flank of Largo Wash in the San Juan Basin in Rio Arriba County, New Mexico.

HISTORY

The original source of impacted groundwater is associated with a former lined pit used to collect drip gas and water from a condensate tank. Approximately 526 cubic yards of petroleum hydrocarbon-impacted soil were removed in July 1997 and an additional 4,888 cubic yards of petroleum hydrocarbon-impacted soil were removed in October 1997. Groundwater was encountered at 14 feet below ground surface (bgs) in the excavation, and groundwater samples originally contained benzene, toluene, ethylbenzene, and total xylenes (BTEX), sulfate, and chloride concentrations exceeding the New Mexico Water Quality Control Commission (NMWQCC) standards. The excavation was left open through March 1998 and sampled again, at which time only benzene, sulfate, and chloride concentrations exceeded NMWQCC standards. The excavation was subsequently backfilled, and in May 1998, groundwater monitoring wells MW01, MW02, MW03, and MW04 were installed. In December 1998, monitoring well MW-5 and a 4-inch soil vapor extraction (SVE) well were installed and a remediation pilot test was conducted; however, SVE was never implemented as a remedial technology at the Site.

In 1999, additional downgradient monitoring wells MW06, MW07, MW08, and MW09 were installed. Williams Four Corners LLC (Williams) purchased the Gas Company of New Mexico (GCNM) facility from Public Service Company of New Mexico (PNM) in 2000, which included

retaining environmental liability for the former lined pit. Between 2000 and December 2012, Williams monitored groundwater in the monitoring wells at the Site and recovered phase-separated hydrocarbons (PSH) from monitoring well MW06. Monitoring well MW04 was observed to have been destroyed during the March 2013 Site visit. It was not replaced due to its location outside the existing extent of impacted groundwater. Additionally, monitoring well MW09 was plugged and abandoned on October 13, 2013, due to its location outside the existing extent of impacted groundwater. Williams installed four new downgradient monitoring wells (MW10, MW11, MW12, and MW13) on October 13, 2013, to further delineate the impacted groundwater plume.

On September 13, 2013, Williams collected a sample of PSH from monitoring well MW06 for analysis of paraffins, isoparaffins, aromatics, naphthalenes, and olefins (PIANO) to identify the chemical composition of the PSH and evaluate the potential origin of the source. The source was confirmed to be natural gas condensate. On November 1, 2013, Williams conducted a PSH bail-down test at monitoring well MW06 to assess potential product recovery options. Much of the accumulated PSH was removed during the bail-down test.

Williams installed monitoring wells MW14, MW15, and MW16 on October 4 and 10, 2017, to continue delineating the groundwater impacts at the Site. On March 14, 2018, Williams installed a solar powered pneumatic PSH recovery system in monitoring well MW06. On October 1, 2018, Harvest purchased the Site from Williams and continued the use of the solar powered pneumatic PSH recovery system in monitoring well MW06. In August and September 2019, additional monitoring wells MW17, MW18, MW19, and MW20 were installed for further groundwater impact delineation. An additional PSH recovery pump was installed in monitoring well MW-7 in August 2020. PSH recovery pump was removed from Site on August 19, 2022, and installed at a different Harvest location.

SCOPE OF WORK

Groundwater monitoring activities conducted in 2023:

- Monitoring for PSH in all monitoring wells on a quarterly basis;
- Removing PSH from monitoring wells through active and passive recovery techniques and;
- Collecting groundwater samples semi-annually in monitoring wells MW03, MW05, MW06, MW07, MW10 through MW20, and SVE04.

WATER AND PSH LEVEL MEASUREMENTS

Groundwater and PSH monitoring included recording depth to PSH and depth to groundwater measurements at all monitoring wells with an oil/water interface probe. The interface probe was decontaminated with Alconox™ soap and rinsed with distilled water prior to each measurement. Depth to groundwater and groundwater elevations are presented in Table 1.

GROUNDWATER CONTOUR MAPS

Ensolum used existing top-of-casing well elevations and measured groundwater elevations to draft groundwater contours and determine groundwater flow direction in March 2023 (Figure 2), June 2023 (Figure 3), September 2023 (Figure 4), and December 2023 (Figure 5). Contours were inferred based on groundwater elevations obtained and observations of physical characteristics at the Site (topography, proximity to arroyos and intermittent streams, etc.).

GROUNDWATER SAMPLING

In March 2023 and September 2023, the monitoring wells were purged using dedicated polyethylene bailers on each well. As groundwater was removed from the monitoring well, pH, electric conductivity (EC), and temperature were monitored. Monitoring wells were purged until these properties stabilized, indicating the purge water was representative of aquifer conditions, or until the well was purged dry. Stabilization was defined as three consecutive stable readings for each water property (plus or minus (±) 0.4 units for pH, ±10 percent (%) for EC, and ±2 degrees (º) Celsius for temperature). Purge water was containerized and disposed of on Site. Copies of the field notes are presented in Appendix A.

Once each monitoring well was 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 with the date and time of collection, monitoring well name, project name, sample collector's name, and parameters to be analyzed. They were immediately sealed and packed on ice. The samples were transferred to Hall Environmental Analytical Laboratory (HEAL) for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B. Groundwater analytical results are presented in Table 2.

PSH RECOVERY

The PSH recovery pumps were removed from both monitoring wells MW06 and MW07 in August 2022 and the solar powered pneumatic PSH recovery system was moved to another Harvest Site. Passive PSH recovery socks were installed in monitoring wells MW03, MW05, MW06, MW07, and MW12. Approximately 32 ounces of PSH was recovered from the above monitoring wells with PSH recovery socks during 2023.

RESULTS

Depth to groundwater and depth to PSH were measured during the 2023 quarterly monitoring events, PSH was not observed in any monitoring wells.

Groundwater flow direction was determined to be east-northeast at the Site (Figures 2, 3, 4, and 5), which is consistent with previous monitoring events.

The following summarizes analytical results for the two monitoring events:

- March 2023
  - Laboratory analytical results indicated benzene concentrations in groundwater in monitoring wells MW06, MW07, MW12, MW13, MW14, and MW16 exceeded the NMWQCC standard of 5 micrograms per liter (µg/L) with concentrations ranging from 17 µg/L to 1,900 µg/L.
  - Laboratory analytical results indicated total xylenes concentration in monitoring well MW06 exceeded the NMWQCC standard of 620 µg/L with a concentration of 1,100 µg/L.

- September 2022:
  - Analytical results indicate benzene concentrations in groundwater exceeded the NMWQCC standard in monitoring wells MW05, MW06, MW07, MW12, and MW13 with concentrations ranging from 16 µg/L to 1,400 µg/L.
  - Laboratory analytical results indicated total xylenes concentration in monitoring well MW06 exceeded the NMWQCC standard with a concentration of 2,500 µg/L.

Concentrations of all other constituents of concern were not detected above their respective laboratory reporting limits during either sampling event in 2023. Analytical results are listed in Table 2 and presented on Figures 2 and 4. Laboratory analytical reports are included in Appendix B.

Throughout 2023, an estimated 27 ounces were recovered via PSH recovery socks in monitoring wells MW06, MW07. Since installation of the PSH recovery system in March 2018, an estimated 34.68 gallons and 9.49 gallons of PSH have been recovered between monitoring wells MW-6 and MW07, respectively, for a total of 44.17 gallons. Approximately 1 gallon of PSH was recovered via product recovery socks and manual bailing during 2022 from monitoring wells MW-3, MW-5, and MW-12.

CONCLUSIONS

PSH thickness has declined to undetectable thickness at the Site. The solar powered pneumatic PSH recovery system has been removed from Site in 2022 due to the lack of PSH thickness.

Groundwater samples from monitoring wells exhibited benzene and total xylenes concentrations exceeding NMWQCC standards for groundwater. Benzene and total xylenes concentrations have generally declined at the Site with some seasonal variability in monitoring wells across the Site.

FUTURE WORK

Harvest will continue to measure depth to groundwater and depth to PSH quarterly in all monitoring wells. Groundwater samples will be collected semi-annually and analyzed for BTEX from monitoring wells MW03, SVE04, MW05, MW06, MW07, MW10 through MW20, and MW08 if there is sufficient water and/or no PSH is present. Passive PSH recovery will consist of monthly PSH bailing and product absorbent sock replacement during quarterly visits if PSH is observed. If PSH thickness levels increase in any monitoring wells, the solar powered pneumatic PSH recovery system may be reinstalled.

Harvest plans to install and four additional wells at the Site to address plume migration and to evaluate remediation options for dissolved phase hydrocarbon impacts.

We appreciate the opportunity to provide this report to the NMOCD. If you should have any questions or comments regarding this document, please contact the undersigned.

Sincerely,

Ensolum, LLC

Eric Carroll
Project Geologist
(303) 842-9578
ecarroll@ensolum.com

Brooke Herb
Senior Geologist
(970) 403-6824
bherb@ensolum.com

Attachments:

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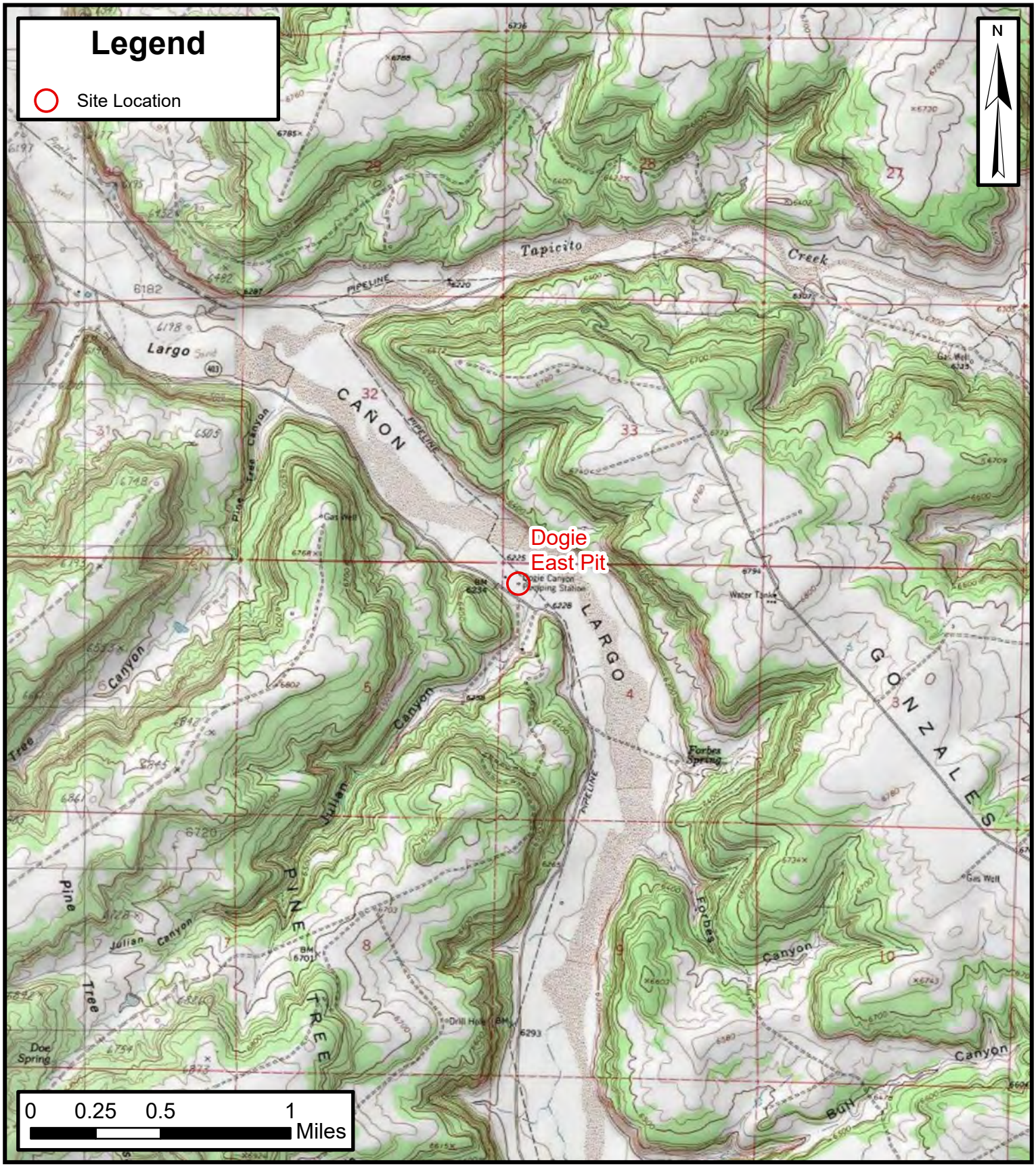
FIGURES



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Site Location Map

Dogie East Pit

Harvest Four Corners, LLC

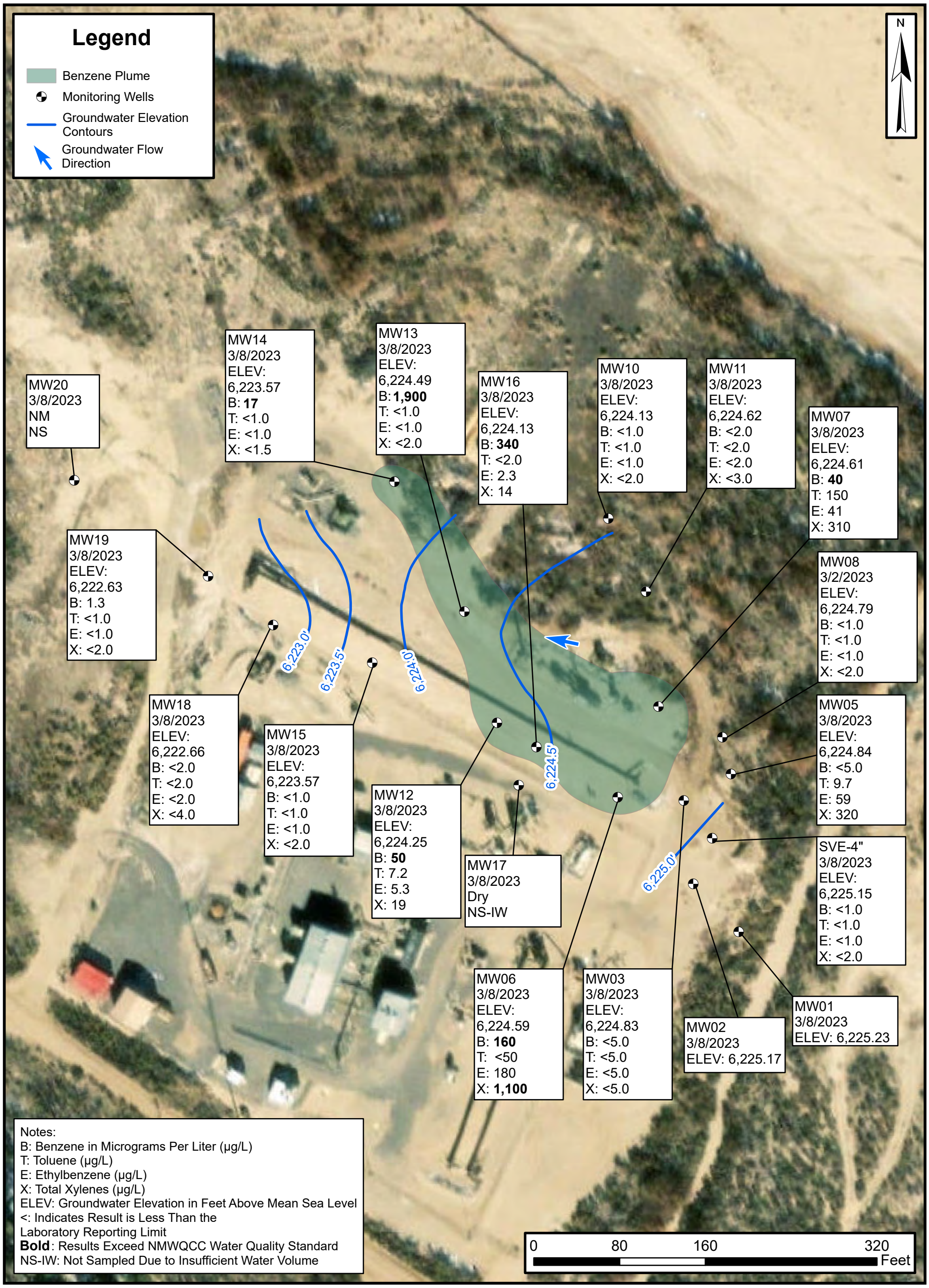
36.43414, -107.48052

Rio Arriba County, New Mexico

FIGURE

1

Sources: Environmental Systems Research Institute (ESRI), National Geographic Society, i-cubed



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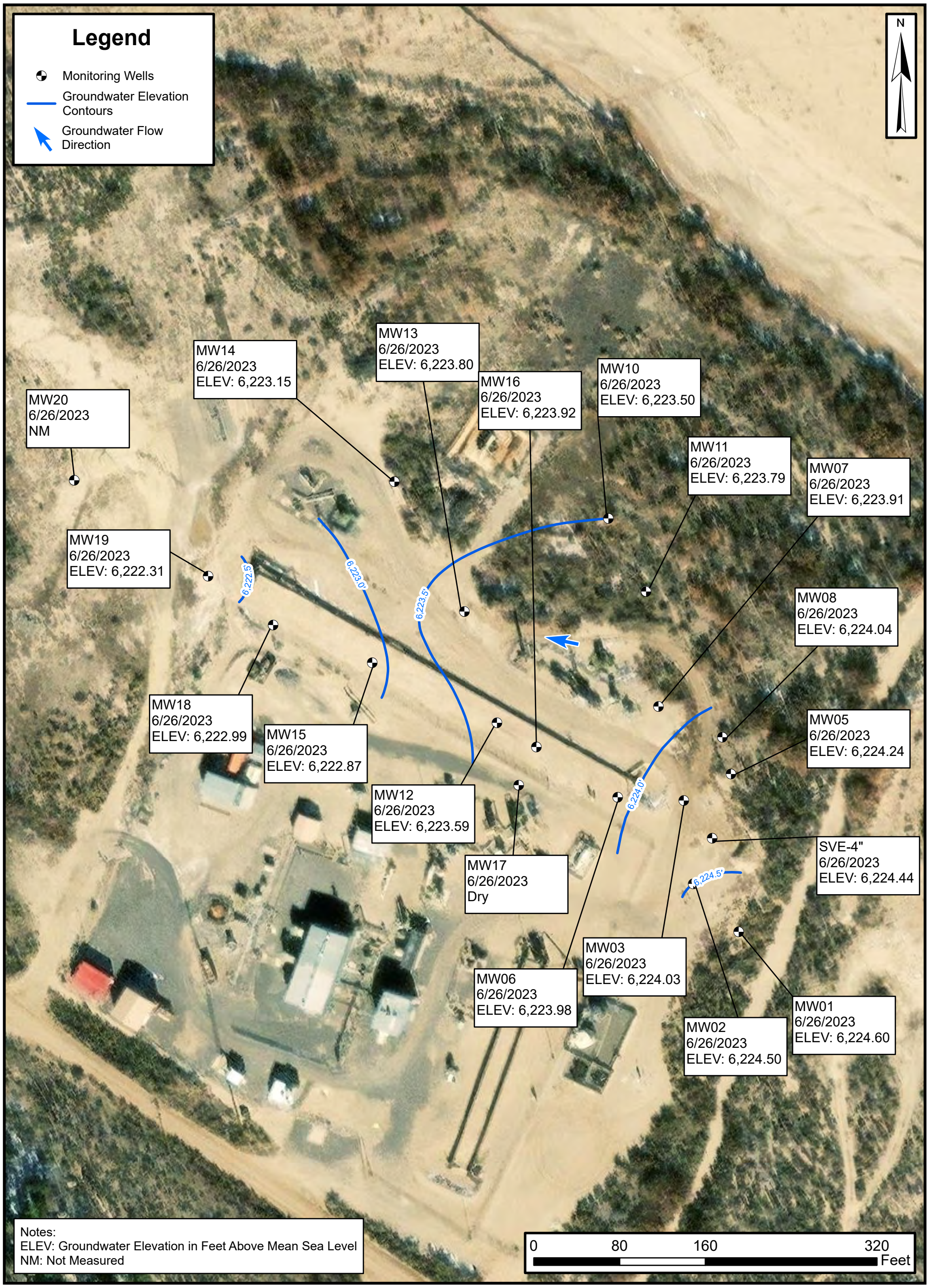
Groundwater Potentiometric & Analytical Results Map March 2023

Dogie East Pit
Harvest Four Corners, LLC
36.43414, -107.48052
Rio Arriba County, New Mexico

FIGURE
2

Sources: Environmental Systems Research Institute (ESRI), Maxar, Microsoft



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Groundwater Potentiometric Map June 2023

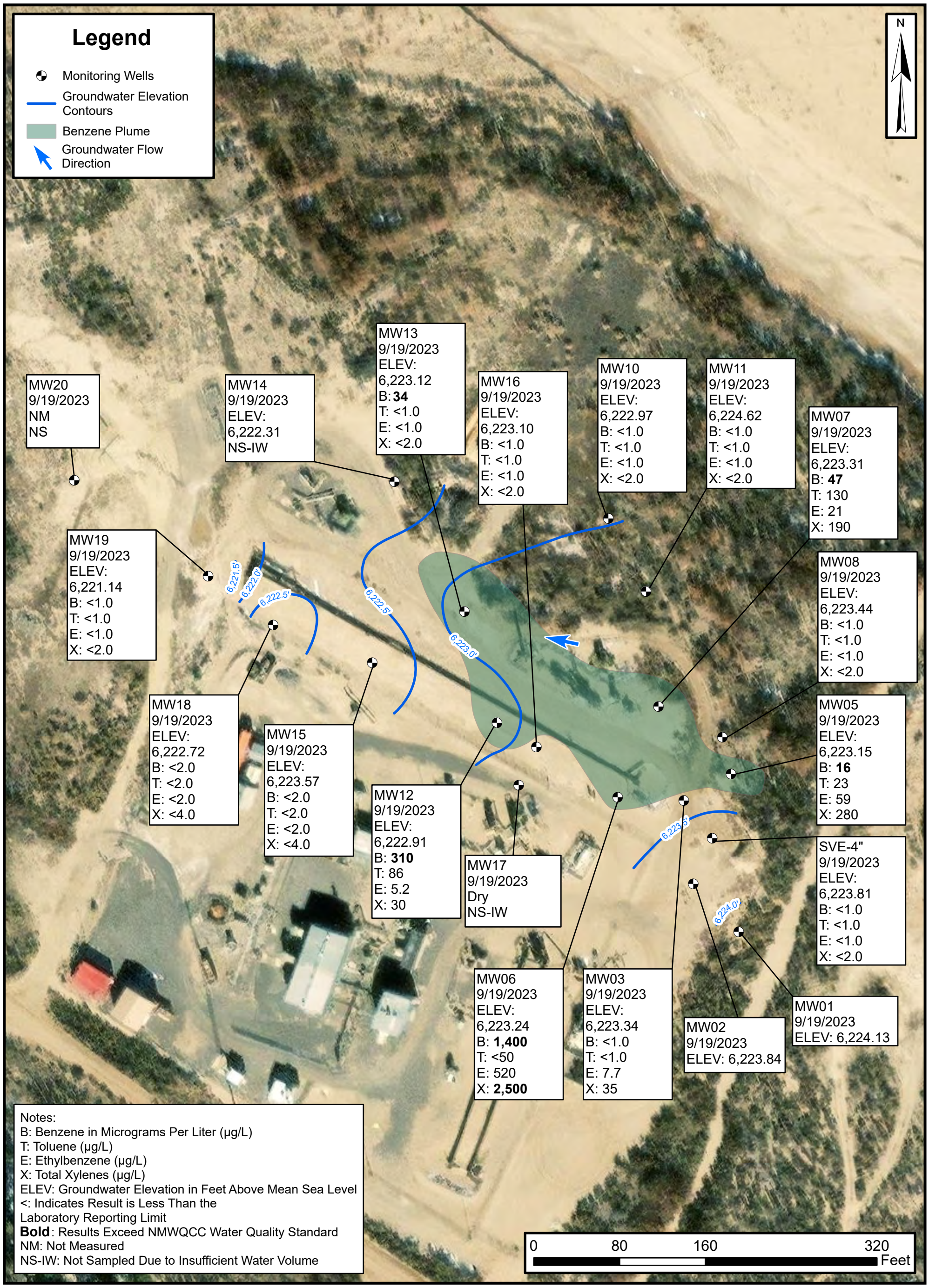
Dogie East Pit
Harvest Four Corners, LLC

36.43414, -107.48052
Rio Arriba County, New Mexico

FIGURE

3

Sources: Environmental Systems Research Institute (ESRI), Maxar, Microsoft



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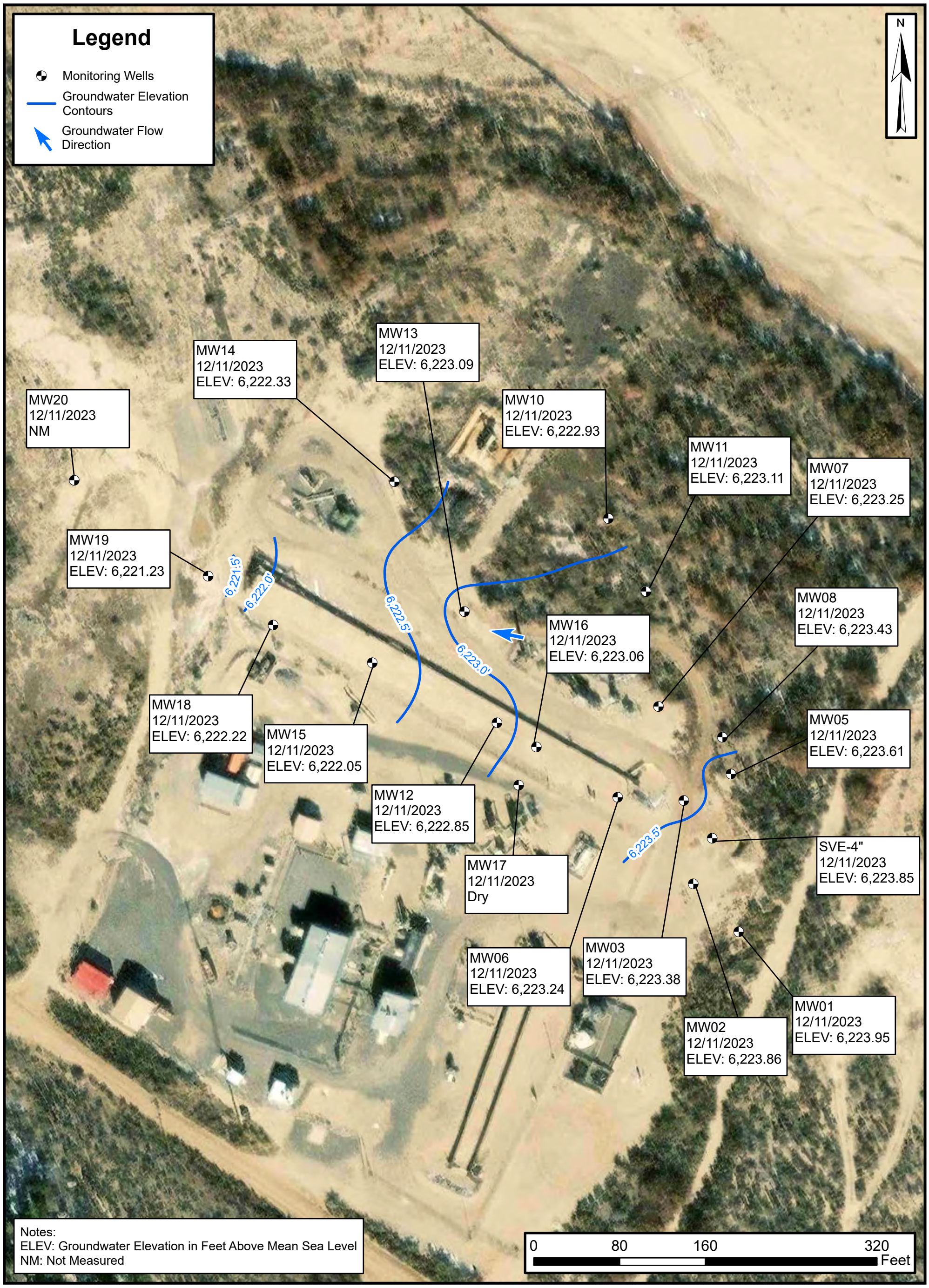
Groundwater Potentiometric & Analytical Results Map September 2023

Dogie East Pit
Harvest Four Corners, LLC
36.43414, -107.48052
Rio Arriba County, New Mexico

FIGURE
4

Sources: Environmental Systems Research Institute (ESRI), Maxar, Microsoft



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Groundwater Potentiometric Map December 2023

Dogie East Pit
Harvest Four Corners, LLC

36.43414, -107.48052
Rio Arriba County, New Mexico

FIGURE

5

Sources: Environmental Systems Research Institute (ESRI), Maxar, Microsoft

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TABLES

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TABLE 1
GROUNDWATER ELEVATIONS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW01	3/6/2013	6,253.79	15.45	NP	NP	6,238.34
	6/25/2013	6,239.41*	15.64	NP	NP	6,223.77
	9/24/2013		14.88	NP	NP	6,224.53
	12/5/2013		14.63	NP	NP	6,224.78
	3/20/2014		14.26	NP	NP	6,225.15
	6/16/2014		15.01	NP	NP	6,224.40
	9/10/2014		15.11	NP	NP	6,224.30
	12/3/2014		14.80	NP	NP	6,224.61
	3/5/2015		14.09	NP	NP	6,225.32
	6/18/2015		14.52	NP	NP	6,224.89
	9/23/2015		14.92	NP	NP	6,224.49
	12/18/2015		14.46	NP	NP	6,224.95
	9/12/2016		15.42	NP	NP	6,223.99
	3/28/2017		14.23	NP	NP	6,225.18
	10/30/2017	6,239.14**	14.69	NP	NP	6,224.45
	3/28/2018		14.45	NP	NP	6,224.69
	9/14/2018		16.18	NP	NP	6,222.96
	3/28/2019		15.54	NP	NP	6,223.60
	5/16/2019		14.65	NP	NP	6,224.49
	8/13/2019		15.69	NP	NP	6,223.45
	9/23/2019	6,239.58***	16.04	NP	NP	6,223.54
	3/18/2020		15.35	NP	NP	6,224.23
	6/11/2020		15.91	NP	NP	6,223.67
	9/22/2020		16.58	NP	NP	6,223.00
	12/18/2020		16.32	NP	NP	6,223.26
	3/4/2021		16.15	NP	NP	6,223.43
	5/27/2021		16.36	NP	NP	6,223.22
	8/24/2021		16.50	NP	NP	6,223.08
	12/9/2021		15.97	NP	NP	6,223.61
	3/10/2022		15.67	NP	NP	6,223.91
	5/17/2022		16.06	NP	NP	6,223.52
	9/6/2022		14.46	NP	NP	6,225.12
	11/8/2022		14.89	NP	NP	6,224.69
	3/8/2023		14.35	NP	NP	6,225.23
	6/26/2023		14.98	NP	NP	6,224.60
	9/19/2023		15.45	NP	NP	6,224.13
	12/11/2023		15.63	NP	NP	6,223.95
MW02	9/23/2015	6,239.57*	15.17	NP	NP	6,224.40
	12/18/2015		14.69	NP	NP	6,224.88
	9/12/2016		15.40	NP	NP	6,224.17
	3/28/2017		14.58	NP	NP	6,224.99
	10/30/2017	6,239.28**	15.20	NP	NP	6,224.08
	3/28/2018		14.71	NP	NP	6,224.57
	9/14/2018		16.10	NP	NP	6,223.18
	3/28/2019		14.81	NP	NP	6,224.47
	5/16/2019		14.93	NP	NP	6,224.35

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Rio Arriba County, New Mexico

Well Identification	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW02	8/13/2019	6,239.28**	15.92	NP	NP	6,223.36
	9/23/2019	6,239.74***	16.33	NP	NP	6,223.41
	3/18/2020		15.64	NP	NP	6,224.10
	6/11/2020		16.21	NP	NP	6,223.53
	9/22/2020		16.86	NP	NP	6,222.88
	12/18/2020		16.62	NP	NP	6,223.12
	3/4/2021		16.42	NP	NP	6,223.32
	5/27/2021		16.65	NP	NP	6,223.09
	8/24/2021		16.73	NP	NP	6,223.01
	12/9/2021		16.22	NP	NP	6,223.52
	3/10/2022		15.93	NP	NP	6,223.81
	5/17/2022		16.33	NP	NP	6,223.41
	9/6/2022		15.10	NP	NP	6,224.64
	11/8/2022		15.09	NP	NP	6,224.65
	3/8/2023		14.57	NP	NP	6,225.17
	6/26/2023		15.24	NP	NP	6224.5
	9/19/2023		15.90	NP	NP	6,223.84
	12/11/2023		15.88	NP	NP	6,223.86
MW03	3/6/2013	6,253.35	15.40	NP	NP	6,237.95
	6/25/2013	6,238.61*	15.25	NP	NP	6,223.36
	9/24/2013		15.05	NP	NP	6,223.56
	12/5/2013		14.29	NP	NP	6,224.32
	3/20/2014		13.96	NP	NP	6,224.65
	6/16/2014		14.67	NP	NP	6,223.94
	9/10/2014		14.79	NP	NP	6,223.82
	12/3/2014		14.50	NP	NP	6,224.11
	3/5/2015		13.67	NP	NP	6,224.94
	6/18/2015		14.14	NP	NP	6,224.47
	9/23/2015		15.59	NP	NP	6,223.02
	12/18/2015		14.12	NP	NP	6,224.49
	9/12/2016		15.50	NP	NP	6,223.11
	3/28/2017		14.22	NP	NP	6,224.39
	10/30/2017	6,238.28**	14.60	NP	NP	6,223.68
	3/28/2018		14.08	NP	NP	6,224.20
	9/14/2018		15.44	NP	NP	6,222.84
	3/28/2019		14.31	NP	NP	6,223.97
	5/16/2019		14.27	NP	NP	6,224.01
	8/13/2019		15.32	NP	NP	6,222.96
	9/23/2019	6,238.79***	15.74	NP	NP	6,223.05
	3/18/2020		15.08	NP	NP	6,223.71
	6/11/2020		15.59	NP	NP	6,223.20
	9/22/2020		16.30	16.22	0.08	6,222.49
	12/18/2020		16.09	NP	NP	6,222.70
	3/4/2021		15.89	NP	NP	6,222.90
	5/27/2021		16.10	NP	NP	6,222.69
	8/24/2021		16.00	Trace	Trace	6,222.79

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Rio Arriba County, New Mexico

Well Identification	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	12/9/2021	6,238.79***	15.79	NP	NP	6,223.00
	3/10/2022		15.54	15.53	0.01	6,223.25
	5/17/2022		15.78	NP	NP	6,223.01
	9/6/2022		14.57	Trace	Trace	6,224.22
	11/8/2022		14.74	Trace	Trace	6,224.05
	3/8/2023		13.96	NP	NP	6224.83
	6/26/2023		14.76	NP	NP	6,224.03
	9/19/2023		15.45	NP	NP	6,223.34
	12/11/2023		15.41	NP	NP	6,223.38
MW04	3/6/2013	DEST	DEST	DEST	DEST	DEST
MW05	3/6/2013	6,252.71	14.60	NP	NP	6,238.11
	6/25/2013	6,238.48*	14.96	NP	NP	6,223.52
	9/24/2013		14.35	NP	NP	6,224.13
	12/5/2013		13.94	NP	NP	6,224.54
	3/20/2014		13.63	NP	NP	6,224.85
	6/16/2014		14.39	NP	NP	6,224.09
	9/10/2014		14.61	NP	NP	6,223.87
	12/3/2014		14.15	14.15†	<0.01	6,224.33
	3/5/2015		13.32	13.32†	<0.01	6,225.16
	6/18/2015		13.88	NP	NP	6,224.60
	9/23/2015		14.30	NP	NP	6,224.18
	12/18/2015		13.74	NP	NP	6,224.74
	9/12/2016		14.83	NP	NP	6,223.65
	3/28/2017		13.57	NP	NP	6,224.91
	10/30/2017	6,238.19**	14.08	NP	NP	6,224.11
	3/28/2018		13.82	NP	NP	6,224.37
	9/14/2018		15.20	NP	NP	6,222.99
	3/28/2019		13.91	NP	NP	6,224.28
	5/16/2019		13.94	NP	NP	6,224.25
	8/13/2019		15.54	NP	NP	6,222.65
	9/23/2019	6,238.65***	15.68	NP	NP	6,222.97
	3/18/2020		14.75	NP	NP	6,223.90
	6/11/2020		15.23	NP	NP	6,223.42
	9/22/2020		16.07	15.89	0.18	6,222.58
	12/18/2020		15.89	15.74	0.15	6,222.76
	3/4/2021		15.56	15.74	0.18	6,223.09
	5/27/2021		15.74	NP	NP	6,222.91
	8/24/2021		15.80	15.77	0.03	6,222.85
	12/9/2021		15.46	NP	NP	6,223.19
	3/10/2022		15.07	Trace	Trace	6,223.58
	5/17/2022		15.38	NP	NP	6,223.27
	9/6/2022		14.13	Trace	Trace	6,224.52
	11/8/2022		14.32	Trace	Trace	6,224.33
	3/8/2023		13.81	NP	NP	6224.84
	6/26/2023		14.41	NP	NP	6,224.24
	9/19/2023		15.5	NP	NP	6,223.15

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GROUNDWATER ELEVATIONS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	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	12/11/2023		15.04	NP	NP	6,223.61
MW06	3/6/2013	6,254.09	16.68	15.95	0.73	6,236.83
	6/25/2013	6,240.01*	17.51	16.67	0.84	6,221.83
	9/24/2013		16.88	16.03	0.85	6,222.45
	12/5/2013		16.18	15.80	0.38	6,223.53
	3/20/2014		15.59	15.56	0.03	6,224.40
	6/16/2014		16.30	16.28	0.02	6,223.69
	9/10/2014		16.39	NP	NP	6,223.62
	12/3/2014		16.08	16.07	0.01	6,223.92
	3/5/2015		15.21	15.21†	<0.01	6,224.79
	6/18/2015		15.79	15.79†	<0.01	6,224.21
	9/23/2015		16.19	NP	NP	6,223.82
	12/18/2015		15.68	NP	NP	6,224.33
	9/12/2016		16.81	16.70	0.11	6,223.11
	3/28/2017		15.49	NP	NP	6,224.52
	10/30/2017	6,239.72**	16.54	15.95	0.59	6,222.71
	3/28/2017		PRS	PRS	PRS	PRS
	9/14/2018		17.10	17.06	0.04	6,222.59
	3/28/2019		15.90	NP	NP	6,223.82
	5/16/2019		15.98	NP	NP	6,223.74
	8/13/2019		21.90	NP	NP	6,217.82
	9/23/2019	6,240.19***	17.53	17.37	0.16	6,222.53
	3/18/2020		17.21	16.6	0.61	6,222.49
	6/11/2020		18.20	17.03	1.17	6,221.05
	9/22/2020		19.30	17.51	1.79	6,219.46
	12/18/2020		18.76	17.44	1.32	6,220.37
	3/4/2021		18.17	17.31	0.86	6,221.33
	5/27/2021		18.53	17.47	1.06	6,220.81
	8/24/2021		18.33	17.46	0.87	6,221.16
	12/9/2021		17.26	16.97	0.29	6,222.70
	3/10/2022		17.07	17.04	0.03	6,223.10
	5/17/2022		17.43	17.32	0.11	6,222.67
	9/6/2022		16.16	Trace	Trace	6,224.03
	11/8/2022		15.12	NP	NP	6225.07
	3/8/2023		15.60	NP	NP	6224.59
	6/26/2023		16.21	NP	NP	6223.98
	9/19/2023		16.95	NP	NP	6223.24
	12/11/2023		16.95	NP	NP	6223.24
MW07	3/6/2013	6,250.65	12.61	NP	NP	6,238.04
	6/25/2013	6,236.53*	13.40	NP	NP	6,223.13
	9/24/2013		12.71	12.67	0.04	6,223.79
	12/5/2013		12.34	NP	NP	6,224.19
	3/20/2014		12.05	NP	NP	6,224.48
	6/16/2014		12.84	NP	NP	6,223.69
	9/10/2014		12.89	NP	NP	6,223.64
	12/3/2014		12.58	NP	NP	6,223.95

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TABLE 1
GROUNDWATER ELEVATIONS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	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	2/25/2015	6,236.53*	12.27	NP	NP	6,224.26
	3/5/2015		11.68	NP	NP	6,224.85
	6/18/2015		12.34	NP	NP	6,224.19
	9/23/2015		12.68	NP	NP	6,223.85
	12/18/2015		12.17	NP	NP	6,224.36
	9/12/2016		13.25	NP	NP	6,223.28
	3/28/2017		12.05	NP	NP	6,224.48
	10/30/2017	6,236.27**	12.55	NP	NP	6,223.72
	3/28/2018		12.24	NP	NP	6,224.03
	9/14/2018		13.60	NP	NP	6,222.67
	3/28/2019		12.30	12.25	0.05	6,223.93
	5/16/2019		12.37	NP	NP	6,223.90
	8/13/2019		13.89	NP	NP	6,222.38
	9/23/2019	6,236.71***	14.42	13.56	0.86	6,221.60
	3/18/2020		13.48	13.15	0.33	6,222.97
	6/11/2020		14.35	13.48	0.87	6,221.66
	9/22/2020		15.21	14.06	1.15	6,220.58
	12/18/2020		15.02	13.9	1.12	6,220.79
	3/4/2021		14.59	13.76	0.83	6,221.46
	5/27/2021		14.77	14.05	0.72	6,221.36
	8/24/2021		14.59	13.92	0.67	6,221.58
	12/9/2021		13.69	13.6	0.09	6,222.95
	3/10/2022		13.52	13.51	0.01	6,223.18
	5/17/2022		13.84	13.78	0.06	6,222.82
	9/6/2022		12.63	Trace	Trace	6,224.08
	11/8/2022		13.61	NP	NP	6,223.10
	3/8/2023		12.10	NP	NP	6,224.61
	6/26/2023		12.80	NP	NP	6,223.91
	9/19/2023		13.40	NP	NP	6,223.31
	12/11/2023		13.46	NP	NP	6,223.25
MW08	3/6/2013	6,249.10	11.88	NP	NP	6,237.22
	6/25/2013	6,235.85*	12.55	NP	NP	6,223.30
	9/24/2013		11.84	NP	NP	6,224.01
	12/5/2013		11.52	NP	NP	6,224.33
	3/18/2014		11.20	NP	NP	6,224.65
	6/16/2014		12.04	NP	NP	6,223.81
	9/10/2014		12.11	NP	NP	6,223.74
	12/3/2014		11.73	NP	NP	6,224.12
	3/5/2015		10.87	NP	NP	6,224.98
	6/18/2015		11.54	NP	NP	6,224.31
	9/23/2015		11.85	NP	NP	6,224.00
	12/18/2015		11.33	NP	NP	6,224.52
	9/12/2016		12.56	NP	NP	6,223.29
	3/28/2017		11.20	NP	NP	6,224.65
	10/30/2017		11.74	NP	NP	6,223.84
	3/28/2018		11.44	NP	NP	6,224.14

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TABLE 1
GROUNDWATER ELEVATIONS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW08	9/14/2018	6,235.85*	12.72	NP	NP	6,222.86
	3/28/2019		DRY	NP	NP	DRY
	5/16/2019		11.60	NP	NP	6,223.98
	8/13/2019		12.53	NP	NP	6,223.05
	9/23/2019	6,236.01***	12.98	NP	NP	6,223.03
	3/18/2020		12.30	NP	NP	6,223.71
	6/11/2020		12.85	NP	NP	6,223.16
	9/22/2020		13.46	NP	NP	6,222.55
	12/18/2020		13.29	NP	NP	6,222.72
	3/4/2021		13.10	NP	NP	6,222.91
	5/27/2021		13.30	NP	NP	6,222.71
	8/24/2021		13.15	NP	NP	6,222.86
	12/9/2022		12.89	NP	NP	6,223.12
	3/10/2022		12.60	NP	NP	6,223.41
	5/17/2022		12.93	NP	NP	6,223.08
	9/6/2022		11.70	NP	NP	6,224.31
	3/8/2023		11.22	NP	NP	6,224.79
	6/26/2023		11.97	NP	NP	6,224.04
	9/19/2023		12.57	NP	NP	6,223.44
	12/11/2023		12.58	NP	NP	6,223.43
MW09	3/6/2013	6,243.67	8.01	NP	NP	6,235.66
	6/25/2013	6,229.03*	8.67	NP	NP	6,220.36
	9/24/2013		NM	NM	NM	NM
	12/5/2013	P/A	P/A	P/A	P/A	P/A
SVE04"	3/6/2013	6,253.41	15.14	NP	NP	6,238.27
	6/25/2013	6,239.22*	15.60	NP	NP	6,223.62
	9/24/2013		14.83	NP	NP	6,224.39
	12/5/2013		14.56	NP	NP	6,224.66
	3/20/2014		14.19	NP	NP	6,225.03
	6/16/2014		14.99	NP	NP	6,224.23
	9/10/2014		15.05	NP	NP	6,224.17
	12/3/2014		14.71	NP	NP	6,224.51
	3/5/2015		13.86	NP	NP	6,225.36
	6/18/2015	6,239.22*	14.49	NP	NP	6,224.73
	9/23/2015		14.89	NP	NP	6,224.33
	12/18/2015		14.34	NP	NP	6,224.88
	9/12/2016		15.78	NP	NP	6,223.44
	3/28/2017		14.18	NP	NP	6,225.04
	10/30/2017	6,238.94**	14.74	NP	NP	6,224.20
	3/28/2018		14.36	NP	NP	6,224.58
	9/14/2018		15.74	NP	NP	6,223.20
	3/28/2019		14.41	NP	NP	6,224.53
	5/16/2019		14.57	NP	NP	6,224.37
	8/13/2019		15.61	NP	NP	6,223.33
	9/23/2019	6,239.38***	15.99	NP	NP	6,223.39
	3/18/2020		15.30	NP	NP	6,224.08

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TABLE 1
GROUNDWATER ELEVATIONS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
SVE04"	6/11/2020	6,239.38***	15.86	NP	NP	6,223.52
	9/22/2020		16.51	NP	NP	6,222.87
	12/18/2020		16.27	NP	NP	6,223.11
	3/4/2021		16.05	NP	NP	6,223.33
	5/27/2021		16.33	NP	NP	6,223.05
	8/24/2021		16.30	NP	NP	6,223.08
	12/9/2021		15.92	NP	NP	6,223.46
	3/10/2022		15.64	NP	NP	6,223.74
	5/17/2022		15.95	NP	NP	6,223.43
	9/6/2022		14.74	NP	NP	6,224.64
	11/8/2022		14.74	NP	NP	6,224.64
	3/8/2023		14.23	NP	NP	6,225.15
	6/26/2023		14.94	NP	NP	6,224.44
	9/19/2023		15.57	NP	NP	6,223.81
	12/11/2023		15.53	NP	NP	6,223.85
MW10	12/5/2013	6,231.08	7.23	NP	NP	6,223.85
	3/20/2014		6.90	NP	NP	6,224.18
	6/16/2014		7.77	NP	NP	6,223.31
	9/10/2014		7.75	NP	NP	6,223.33
	12/3/2014		7.81	NP	NP	6,223.27
	3/5/2015		6.29	NP	NP	6,224.79
	6/18/2015		7.26	NP	NP	6,223.82
	9/23/2015		7.53	NP	NP	6,223.55
	12/18/2015		7.06	NP	NP	6,224.02
	9/12/2016		8.25	NP	NP	6,222.83
	3/28/2017		6.90	NP	NP	6,224.18
	10/30/2017	6,230.82**	6.23	NP	NP	6,224.59
	3/28/2018		7.06	NP	NP	6,223.76
	9/14/2018		8.44	NP	NP	6,222.38
	3/28/2019		7.09	NP	NP	6,223.73
	5/16/2019		7.25	NP	NP	6,223.57
	8/13/2019		8.37	NP	NP	6,222.45
	9/23/2019	6,231.26***	8.69	NP	NP	6,222.57
	3/18/2020		8.05	NP	NP	6,223.21
	6/11/2020		8.56	NP	NP	6,222.70
	9/22/2020		9.16	NP	NP	6,222.10
	12/18/2020		9.07	NP	NP	6,222.19
	3/4/2021		8.90	NP	NP	6,222.36
	5/27/2021		9.05	NP	NP	6,222.21
	8/24/2021		8.78	NP	NP	6,222.48
	12/9/2021		8.71	NP	NP	6,222.55
	3/10/2022		8.38	NP	NP	6,222.88
	5/17/2022		8.70	NP	NP	6,222.56
	9/6/2022		7.43	NP	NP	6,223.83
	11/8/2022		7.40	NP	NP	6,223.86
	3/8/2023		7.02	NP	NP	6,224.24

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TABLE 1
GROUNDWATER ELEVATIONS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW10	6/26/2023	6,231.26***	7.76	NP	NP	6,223.50
	9/19/2023		8.29	NP	NP	6,222.97
	12/11/2023		8.33	NP	NP	6,222.93
MW11	12/5/2013	6,232.35	8.24	NP	NP	6,224.11
	3/20/2014		7.91	NP	NP	6,224.44
	6/16/2014		8.75	NP	NP	6,223.60
	9/10/2014		8.75	NP	NP	6,223.60
	12/3/2014		8.42	NP	NP	6,223.93
	3/5/2015		7.36	NP	NP	6,224.99
	6/18/2015		8.24	NP	NP	6,224.11
	9/23/2015		8.55	NP	NP	6,223.80
	12/18/2015		8.01	NP	NP	6,224.34
	9/12/2016		9.22	NP	NP	6,223.13
	3/28/2017		7.87	NP	NP	6,224.48
	10/30/2017	6,232.10**	9.10	NP	NP	6,223.00
	3/28/2018		8.11	NP	NP	6,223.99
	9/14/2018		9.42	NP	NP	6,222.68
	3/28/2019		8.10	NP	NP	6,224.00
	5/16/2019		8.27	NP	NP	6,223.83
	8/13/2019		12.23	NP	NP	6,219.87
	9/23/2019	6,232.51***	9.71	NP	NP	6,222.80
	3/18/2020		9.05	NP	NP	6,223.46
	6/11/2020		9.62	NP	NP	6,222.89
	9/22/2020		10.22	NP	NP	6,222.29
	12/18/2020		10.08	NP	NP	6,222.43
	3/4/2021		9.90	NP	NP	6,222.61
	5/27/2021		10.10	NP	NP	6,222.41
	8/24/2021		9.88	NP	NP	6,222.63
	12/9/2021		9.63	NP	NP	6,222.88
	3/10/2022		9.65	NP	NP	6,222.86
	5/17/2022		9.72	NP	NP	6,222.79
	9/6/2022		8.43	NP	NP	6,224.08
	11/8/2022		8.45	NP	NP	6,224.06
	3/8/2023		7.89	NP	NP	6,224.62
	6/26/2023		8.72	NP	NP	6,223.79
	9/19/2023		9.32	NP	NP	6,223.19
	12/11/2023		9.4	NP	NP	6,223.11
MW12	12/5/2013	6,238.15	14.37	14.36	0.01	6,223.77
	3/20/2014		14.03	NP	NP	6,224.12
	6/16/2014		14.77	NP	NP	6,223.38
	9/10/2014		14.88	NP	NP	6,223.27
	12/3/2014		14.56	NP	NP	6,223.59
	3/5/2015		13.69	NP	NP	6,224.46
	6/18/2015		14.28	NP	NP	6,223.87
	9/23/2015		14.67	NP	NP	6,223.48
	12/18/2015		14.18	NP	NP	6,223.97

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TABLE 1
GROUNDWATER ELEVATIONS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW12	9/12/2016	6,238.15	15.22	NP	NP	6,222.93
	3/28/2017		14.06	NP	NP	6,224.09
	10/30/2017	6,237.72**	14.57	NP	NP	6,223.15
	3/28/2018		14.23	NP	NP	6,223.49
	9/14/2018		15.61	NP	NP	6,222.11
	3/28/2019		14.39	NP	NP	6,223.33
	5/16/2019		14.47	NP	NP	6,223.25
	8/13/2019		15.83	NP	NP	6,221.89
	9/23/2019	6,238.35***	15.80	NP	NP	6,222.55
	3/18/2020		15.20	NP	NP	6,223.15
	6/11/2020		15.71	NP	NP	6,222.64
	9/22/2020		16.35	NP	NP	6,222.00
	12/18/2020		16.21	NP	NP	6,222.14
	3/4/2021		16.02	NP	NP	6,222.33
	5/27/2021		16.22	16.19	0.03	6,222.15
	8/24/2021		16.08	Trace	Trace	6,222.27
	12/9/2021		15.80	NP	NP	6,222.55
	3/10/2022		15.51	Trace	Trace	6,222.84
	5/17/2022		15.99	15.74	0.25	6,222.56
	9/6/2022		14.75	Trace	Trace	6,223.60
	11/8/2022		14.63	Trace	Trace	6,223.72
	3/8/2023		14.10	NP	NP	6,224.25
	6/26/2023		14.76	NP	NP	6,223.59
	9/19/2023		15.44	NP	NP	6,222.91
	12/11/2023		15.50	NP	NP	6,222.85
MW13	12/5/2013	6,237.85	14.18	NP	NP	6,223.67
	3/20/2014		13.86	NP	NP	6,223.99
	6/16/2014		14.61	NP	NP	6,223.24
	9/10/2014		14.69	NP	NP	6,223.16
	12/3/2014		14.37	NP	NP	6,223.48
	3/5/2015		13.46	NP	NP	6,224.39
	6/18/2015		14.09	NP	NP	6,223.76
	9/23/2015		14.47	NP	NP	6,223.38
	12/18/2015		13.98	NP	NP	6,223.87
	9/12/2016		15.03	NP	NP	6,222.82
	3/28/2017		13.85	NP	NP	6,224.00
	10/30/2017	6237.57**	14.34	NP	NP	6,223.23
	3/28/2018		14.14	NP	NP	6,223.43
	9/14/2018		15.34	NP	NP	6,222.23
	3/28/2019		14.14	NP	NP	6,223.43
	5/16/2019		14.22	NP	NP	6,223.35
	8/13/2019		15.14	NP	NP	6,222.43
	9/23/2019	6,238.04***	15.61	NP	NP	6,222.43
	3/18/2020		14.98	NP	NP	6,223.06
	6/11/2020		15.52	NP	NP	6,222.52
	9/22/2020		16.11	NP	NP	6,221.93

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TABLE 1
GROUNDWATER ELEVATIONS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW13	12/18/2020	6,238.04***	16.00	NP	NP	6,222.04
	3/4/2021		15.86	NP	NP	6,222.18
	5/27/2021		16.02	NP	NP	6,222.02
	8/24/2021		15.91	NP	NP	6,222.13
	12/9/2021		15.52	NP	NP	6,222.52
	3/10/2022		15.42	NP	NP	6,222.62
	5/17/2022		15.64	NP	NP	6,222.40
	9/6/2022		14.65	NP	NP	6,223.39
	11/8/2022		14.09	NP	NP	6,223.95
	3/8/2023		13.55	NP	NP	6,224.49
	6/26/2023		14.24	NP	NP	6,223.80
	9/19/2023		14.92	NP	NP	6,223.12
	12/11/2023		14.95	NP	NP	6,223.09
MW14	10/30/2017	6,234.11	11.40	NP	NP	6,222.71
	3/28/2018		10.93	NP	NP	6,223.18
	9/14/2018		12.21	NP	NP	6,221.90
	3/28/2019		11.18	NP	NP	6,222.93
	5/16/2019		11.20	NP	NP	6,222.91
	8/13/2019		12.16	NP	NP	6,221.95
	9/23/2019	6,234.55***	12.40	NP	NP	6,222.15
	3/18/2020		12.01	NP	NP	6,222.54
	6/11/2020		12.51	NP	NP	6,222.04
	9/22/2020		13.09	NP	NP	6,221.46
	12/18/2020		12.93	NP	NP	6,221.62
	3/4/2021		12.88	NP	NP	6,221.67
	5/27/2021		12.88	NP	NP	6,221.67
	8/24/2021		13.18	NP	NP	6,221.37
	12/9/2021		12.61	NP	NP	6,221.94
	3/10/2022		12.32	NP	NP	6,222.23
	5/17/2022		12.72	NP	NP	6,221.83
	9/6/2022		12.00	NP	NP	6,222.55
	11/8/2022		11.52	NP	NP	6,223.03
	3/8/2023		10.98	NP	NP	6,223.57
	6/26/2023		11.40	NP	NP	6,223.15
	9/19/2023		12.24	NP	NP	6,222.31
	12/11/2023		12.22	NP	NP	6,222.33
MW15	10/30/2017	6,235.08	12.54	NP	NP	6,222.54
	3/28/2018		12.09	NP	NP	6,222.99
	9/14/2018		13.42	NP	NP	6,221.66
	3/28/2019		12.25	NP	NP	6,222.83
	5/16/2019		12.40	NP	NP	6,222.68
	8/13/2019		13.40	NP	NP	6,221.68
	9/23/2019	6,235.53***	13.82	NP	NP	6,221.71
	3/18/2020		13.30	NP	NP	6,222.23
	6/11/2020		13.76	NP	NP	6,221.77
	9/22/2020		14.37	NP	NP	6,221.16

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TABLE 1
GROUNDWATER ELEVATIONS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW15	12/18/2020	6,235.53***	14.24	NP	NP	6,221.29
	3/4/2021		14.06	NP	NP	6,221.47
	5/27/2021		14.26	NP	NP	6,221.27
	8/24/2021		14.05	NP	NP	6,221.48
	12/9/2021		13.73	NP	NP	6,221.80
	3/10/2022		13.51	NP	NP	6,222.02
	5/17/2022		13.79	NP	NP	6,221.74
	9/6/2022		12.78	NP	NP	6,222.75
	11/8/2022		12.6	NP	NP	6,222.93
	3/8/2023		11.96	NP	NP	6,223.57
	6/26/2023		12.66	NP	NP	6,222.87
	9/19/2023		13.44	NP	NP	6,222.09
	12/11/2023		13.48	NP	NP	6,222.05
MW16	10/30/2017	6,237.27	13.65	NP	NP	6,223.62
	3/28/2018		13.37	NP	NP	6,223.90
	9/14/2018		14.88	NP	NP	6,222.39
	3/28/2019		13.60	NP	NP	6,223.67
	5/16/2019		13.40	NP	NP	6,223.87
	8/13/2019		14.45	NP	NP	6,222.82
	9/23/2019	6,237.73***	15.00	NP	NP	6,222.73
	3/18/2020		14.44	NP	NP	6,223.29
	6/11/2020		14.96	NP	NP	6,222.77
	9/22/2020		15.59	NP	NP	6,222.14
	12/18/2020		15.44	NP	NP	6,222.29
	3/4/2021		15.27	NP	NP	6,222.46
	5/27/2021		15.43	NP	NP	6,222.30
	8/24/2021		15.33	NP	NP	6,222.40
	12/9/2021		15.02	NP	NP	6,222.71
	3/10/2022		14.74	NP	NP	6,222.99
	5/17/2022		15.05	NP	NP	6,222.68
	9/6/2022		13.95	NP	NP	6,223.78
	11/8/2022		13.85	NP	NP	6,223.88
	3/8/2023		13.6	NP	NP	6,224.13
	6/26/2023		13.81	NP	NP	6,223.92
	9/19/2023		14.63	NP	NP	6,223.10
	3/8/2023		13.60	NP	NP	6,224.13
	6/26/2023		13.81	NP	NP	6,223.92
	9/19/2023		14.63	NP	NP	6,223.10
	12/11/2023		14.67	NP	NP	6,223.06
MW17	8/13/2019	6,236.06	10.74	NP	NP	6,225.32
	9/23/2019	6,236.72***	10.96	NP	NP	6,225.76
	3/18/2020		11.32	NP	NP	6,225.40
	6/11/2020		11.33	NP	NP	6,225.39
	9/22/2020		11.24	NP	NP	6,225.48
	12/18/2020		11.39	NP	NP	6,225.33
	3/4/2021		11.55	NP	NP	6,225.17

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW17	5/27/2021	6,236.72***	11.55	NP	NP	6,225.17
	8/24/2021		DRY	NP	NP	DRY
	12/9/2021		DRY	NP	NP	DRY
	3/10/2022		DRY	NP	NP	DRY
	5/7/2022		NM	NM	NM	NM
	9/6/2022		NM	NM	NM	NM
	11/8/2022		NM	NM	NM	NM
	3/8/2023		DRY			
	6/26/2023		DRY			
	9/19/2023		DRY			
	12/11/2023		DRY			
MW18	8/13/2019	6,234.97	14.92	NP	NP	6,220.05
	9/23/2019	6,235.42***	13.74	NP	NP	6,221.68
	3/18/2020		DRY	NP	NP	DRY
	6/11/2020		13.12	NP	NP	6,222.30
	9/22/2020		13.32	NP	NP	6,222.10
	12/18/2020		13.60	NP	NP	6,221.82
	3/4/2021		13.71	NP	NP	6,221.71
	5/27/2021		13.65	NP	NP	6,221.77
	8/24/2021		13.62	NP	NP	6,221.80
	12/9/2021		13.64	NP	NP	6,221.78
	3/10/2022		13.59	NP	NP	6,221.83
	5/17/2022		13.49	NP	NP	6,221.93
	9/6/2022		13.16	NP	NP	6,222.26
	11/8/2022		13.03	NP	NP	6,222.39
	3/8/2023		12.76	NP	NP	6,222.66
	6/26/2023		12.43	NP	NP	6,222.99
	9/19/2023		12.70	NP	NP	6,222.72
	12/11/2023		13.20	NP	NP	6,222.22
MW19	8/13/2019	6,231.05	11.87	NP	NP	6,219.18
	9/23/2019	6,231.51***	10.23	NP	NP	6,221.28
	3/18/2020		9.96	NP	NP	6,221.55
	6/11/2020		10.21	NP	NP	6,221.30
	9/22/2020		10.78	NP	NP	6,220.73
	12/18/2020		10.92	NP	NP	6,220.59
	3/4/2021		10.78	NP	NP	6,220.73
	5/27/2021		10.81	NP	NP	6,220.70
	8/24/2021		10.60	NP	NP	6,220.91
	12/9/2021		10.47	NP	NP	6,221.04
	3/10/2022		9.30	NP	NP	6,222.21
	5/17/2022		10.39	NP	NP	6,221.12
	9/6/2022		9.58	NP	NP	6,221.93
	11/8/2022		9.46	NP	NP	6,222.05
	3/8/2023		8.88	NP	NP	6,222.63
	6/26/2023		9.20	NP	NP	6,222.31
	9/19/2023		10.37	NP	NP	6,221.14

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TABLE 1
GROUNDWATER ELEVATIONS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW19	12/11/2023	6,231.51***	10.28	NP	NP	6,221.23
MW20	8/13/2019	6,227.83	8.01	NP	NP	6,219.82
	9/23/2019	6,228.28***	8.13	NP	NP	6,220.15
	3/18/2020		7.71	NP	NP	6,220.57
	6/11/2020		8.11	NP	NP	6,220.17
	9/22/2020		8.88	NP	NP	6,219.40
	12/18/2020		8.80	NP	NP	6,219.48
	3/4/2021		8.69	NP	NP	6,219.59
	5/27/2021		8.83	NP	NP	6,219.45
	8/24/2021		NM	NM	NM	NM
	12/9/2021		8.81	NP	NP	6,219.47
	3/10/2022		NM	NM	NM	NM
	5/17/2022		NM	NM	NM	NM
	11/8/2022		NM	NM	NM	NM
	3/8/2023		Destroyed			

Notes:

** - Top of casing elevation was resurveyed on 6/19/2013*

*** - Top of casing elevation was resurveyed on 1/3/2018*

**** - Top of casing elevation was resurveyed on 12/19/2019*

† - Oil-water interface probe did not detect phase separated hydrocarbons. Visually observed phase separated hydrocarbons using a bailer.

*Groundwater elevation calculation in wells with product: (Top of Casing Elevation - Depth to Water) + (Product Thickness * 0.8)*

AMSL - above mean sea level

BTOC - below top of casing

DEST - well has been destroyed

NM - not measured

P/A - plugged and abandoned

PRS - Product Recovery System present - depth to groundwater and product not measured

NP - no free phase hydrocarbons are present the well

ENSOLUM

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		5	1,000	700	620
MW01	6/4/1998	2.8	1.3	<0.5	2.3
	8/11/1998	<2.5	6.3	<0.5	<1.5
	12/9/1998	<1	<1	<1	<3
	2/10/1999	<0.5	<0.5	<0.5	<1.5
	3/30/2010	NS	NS	NS	NS
	6/22/2010	NS	NS	NS	NS
	9/16/2010	NS	NS	NS	NS
	12/9/2010	<1.0	<1.0	<1.0	<3.0
	3/10/2011	NS	NS	NS	NS
	6/15/2011	NS	NS	NS	NS
	9/13/2011	NS	NS	NS	NS
	1/6/2012	NS	NS	NS	NS
	4/6/2012	NS	NS	NS	NS
	6/12/2012	NS	NS	NS	NS
	9/27/2012	NS	NS	NS	NS
	12/7/2012	<1.0	<1.0	<1.0	<3.0
	3/6/2013	<1.0	<1.0	<1.0	<2.0
MW02	6/4/1998	1.4	1	1.9	11
	8/11/1998	**76**	2.4	12	30
	12/9/1998	**38**	<1	10	4.5
	2/10/1999	**30**	<0.5	7.1	3.7
	4/27/1999	2.9	<0.5	2.1	3.0
	9/21/1999	**8.5**	0.8	2.2	1.9
	11/16/1999	**32**	0.8	3.4	7.0
	2/15/2000	**57**	1.2	16	2.6
	5/10/2000	<0.5	<0.5	1	<1.5
	11/2/2000	**16.8**	<1	2.07	<1
	2/16/2001	2.97	6.91	<1	<1
	5/10/2001	3.76	4.46	<1	<1
	10/31/2001	**5.9**	<2.0	<2.0	<2.0
	9/23/2003	**7.7**	<2.0	<2.0	<5.0
	12/17/2003	<2.0	<2.0	<2.0	<5.0
	9/18/2004	**7.1**	<2.0	<2.0	<5.0
	3/11/2005	4.6	<2.0	<2.0	<5.0
	6/16/2005	<2.0	<2.0	<2.0	<5.0
	9/19/2005	2.2	<2.0	<2.0	<5.0
	12/1/2005	<2.0	<2.0	<2.0	<5.0
	2/27/2006	<1.0	<1.0	<1.0	<3.0
	7/14/2006	<1.0	<1.0	<1.0	<3.0
	10/6/2006	1.7	<1.0	<1.0	<3.0
	12/12/2006	<1.0	<1.0	<1.0	<3.0

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		**5**	**1,000**	**700**	**620**
MW02	3/30/2010	<1.0	<1.0	<1.0	<3.0
	6/22/2010	<1.0	<1.0	<1.0	<3.0
	9/16/2010	<1.0	<1.0	<1.0	<3.0
	12/9/2010	<1.0	<1.0	<1.0	<3.0
	3/10/2011	<1.0	<1.0	<1.0	<3.0
	6/15/2011	<1.0	<1.0	<1.0	<3.0
	9/13/2011	<1.0	<1.0	<1.0	<3.0
	1/6/2012	<1.0	<1.0	<1.0	<3.0
	4/6/2012	<1.0	<1.0	<1.0	<3.0
	6/12/2012	<1.0	<1.0	<1.0	<3.0
	9/27/2012	<1.0	<1.0	<1.0	<3.0
	12/7/2012	<1.0	<1.0	<1.0	<3.0
	3/6/2013	<1.0	<1.0	<1.0	<2.0
MW03	6/4/1998	**470**	**3,800**	680	**6,200**
	8/11/1998	**500**	**5,200**	**730**	**5,550**
	12/9/1998	**90**	350	540	**4,240**
	2/10/1999	**130**	810	610	**4,830**
	4/27/1999	**220**	**1,300**	520	**4,140**
	9/21/1999	**110**	920	470	**2,930**
	11/16/1999	**180**	**1,600**	440	**2,620**
	2/15/2000	**120**	**1,900**	640	**5,120**
	5/10/2000	**140**	**1,500**	370	**3,650**
	11/3/2000	**277**	**3,270**	552	**4,350**
	2/16/2001	**148**	**2,470**	328	**2,580**
	5/10/2001	**205**	**3,080**	593	**5,820**
	9/23/2003	**230**	530	19	**1,600**
	12/17/2003	**260**	290	24	**800**
	9/18/2004	**170**	990	530	**2,300**
	12/7/2004	**130**	400	530	**2,500**
	3/11/2005	**130**	12	200	540
	6/16/2005	**330**	770	**2,300**	**3,900**
	9/19/2005	**160**	<1.0	470	**1,500**
	12/1/2005	**106**	270	**1,140**	**3,260**
	2/27/2006	**36.3**	21.1	234	**1,010**
	10/6/2006	1.5	<1.0	11	36
	12/12/2006	**14.2**	43.3	230	**725**
	3/30/2010	**8.2**	1.5	141	401
	6/22/2010	**6.1**	4.1	30.9	100
	9/16/2010	**12.2**	7	15.3	40
	12/9/2010	1.0	2.3	13.1	28.9
	3/10/2011	**18.9**	20.7	213	529

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		5	1,000	700	620
MW03	6/15/2011	4.5	34.4	118	345
	9/13/2011	**13.9**	1.9	220	459
	1/6/2012	**6.6**	<2.0	148	333
	4/6/2012	5.0	98.3	4.4	255
	6/12/2012	4.8	122	13.4	344
	9/27/2012	**11.7**	248	12.0	**867**
	12/7/2012	**11.4**	403	16.4	**1,250**
	3/6/2013	<5.0	6.1	21	88
	6/25/2013	4.7	64	120	460
	9/24/2013	<5.0	<5.0	30	82
	12/5/2013	<5.0	<5.0	42	170
	3/18/2014	<2.0	12	82	**700**
	6/16/2014	3.6	92	140	**880**
	9/10/2014	<1.0	59	150	**830**
	12/3/2014	<1.0	34	220	**890**
	3/5/2015	<1.0	4.7	24	120
	9/23/2015	<1.0	56	67	350
	9/12/2016	<2.0	61	190	**900**
	10/30/2017	2.4	<1.0	32	110
	9/13/2018	2.7	<1.0	15	150
	8/24/2021	NS-FP	NS-FP	NS-FP	NS-FP
	9/6/2022	NS-FP	NS-FP	NS-FP	NS-FP
	3/8/2023	<5.0	<5.0	<5.0	<5.0
	9/19/2023	<1.0	<1.0	7.7	35
MW04	6/4/1998	**3,400**	**3,600**	110	**910**
	8/11/1998	**320**	**1,600**	60	**680**
	12/9/1998	**7,400**	**12,000**	130	**3,260**
	2/10/1999	**2,700**	**4,400**	120	**1,360**
	4/27/1999	**5,100**	**6,200**	130	**1,600**
	9/21/1999	**3,200**	**3,800**	130	**1,340**
	2/15/2000	**320**	540	26	314
	5/10/2000	**4,300**	**2,300**	130	**1,270**
	11/2/2000	**257**	332	19.0	196
	2/16/2001	**54**	17.8	1.01	19.8
	5/10/2001	**2,660**	**2,130**	34.6	**792**
	10/31/2001	**210**	420	10	260
	9/23/2003	**23**	6	130	59
	12/17/2003	<2.0	<2.0	<2.0	5.1
	11/16/2004	**3,200**	**1,100**	<10	520
	9/18/2004	**80**	170	6.7	66
	3/11/2005	<2.0	2.8	<2.0	10

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		5	1,000	700	620
MW04	6/16/2005	**310**	<100	130	550
	2/27/2006	**16.7**	11.2	5.1	70.3
	3/30/2010	NS	NS	NS	NS
	6/22/2010	NS	NS	NS	NS
	9/16/2010	NS	NS	NS	NS
	12/9/2010	NS	NS	NS	NS
	3/10/2011	NS	NS	NS	NS
	6/15/2011	NS	NS	NS	NS
	9/13/2011	NS	NS	NS	NS
	1/6/2012	NS	NS	NS	NS
	4/6/2012	<1.0	<1.0	<1.0	<3.0
	6/12/2012	DEST	DEST	DEST	DEST
MW05	12/9/1998	**<20**	**2,300**	300	**2,720**
	2/10/1999	<5	860	150	**1,170**
	4/27/1999	<10	**1,000**	130	**1,150**
	9/21/1999	3.2	450	97	**780**
	11/16/1999	**5.3**	**1,200**	170	**1,520**
	2/15/2000	<5	280	56	462
	5/10/2000	5.8	**1,400**	220	**1,860**
	11/2/2000	**30.9**	92.2	37.3	225
	2/16/2001	**39.4**	210	83.0	509
	5/10/2001	<1	439	218	**1,180**
	10/31/2001	<1.0	16	44	110
	9/23/2003	2.2	4	17	10
	12/17/2003	<10	130	64	370
	9/18/2004	<10	51	48	250
	12/7/2004	<2.0	20	17	180
	3/11/2005	**12**	41	43	140
	6/16/2005	**<100**	180	270	**1,000**
	9/19/2005	<1.0	400	170	**1,700**
	12/1/2005	**12.6**	176	187	**961**
	2/27/2006	<1.0	23	78	346
	7/14/2006	<5.0	52.3	110	403
	7/16/2006	<1.0	<1.0	11.4	79
	3/30/2010	<1.0	5.1	21.1	84.5
	6/22/2010	1.0	9.4	99.4	270
	9/16/2010	NS	NS	NS	NS
	12/9/2010	NS	NS	NS	NS
	3/10/2011	NS	NS	NS	NS
	6/15/2011	NS	NS	NS	NS
	9/13/2011	NS	NS	NS	NS

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		**5**	**1,000**	**700**	**620**
MW05	1/6/2012	NS	NS	NS	NS
	4/6/2012	NS	NS	NS	NS
	6/12/2012	NS	NS	NS	NS
	9/27/2012	NS	NS	NS	NS
	12/7/2012	<1.0	14.2	1.3	49.7
	3/6/2013	<5.0	<5.0	77	290
	6/25/2013	**21**	28	71	270
	9/24/2013	<5.0	9.1	44	210
	12/5/2013	<5.0	11	44	170
	3/18/2014	<5.0	16	47	210
	6/16/2014	**12**	34	110	460
	9/10/2014	<2.0	2.5	7.4	29
	12/3/2014	NS-FP	NS-FP	NS-FP	NS-FP
	3/5/2015	NS-FP	NS-FP	NS-FP	NS-FP
	9/23/2015	<1.0	3.0	25	89
	9/12/2016	<2.0	<2.0	32	110
	10/30/2017	<1.0	1.0	13	37
	9/13/2018	<1.1	1.0	9.6	27
	8/24/2021	NS-FP	NS-FP	NS-FP	NS-FP
	9/6/2022	NS-FP	NS-FP	NS-FP	NS-FP
	3/8/2023	<5.0	9.7	59	320
	9/19/2023	**16**	23	59	280
MW06	2/10/1999	**29**	<0.5	7	4.6
	9/21/1999	**690**	330	240	**1,930**
	11/16/1999	**370**	48	130	**694**
	2/15/2000	**9.9**	0.6	5.7	22.7
	5/10/2000	**390**	2.6	25	400
	11/3/2000	**2,570**	109	226	**1,690**
	2/16/2001	**171**	11.0	12.5	33.5
	5/10/2001	**506**	23.2	122	384
	10/31/2001	**1,900**	120	160	480
	12/12/2006	**281**	727	152	**1,350**
	3/30/2010	**1,160**	46.1	487	**2,530**
	6/22/2010	**3,430**	102	460	**3,410**
	9/16/2010	**2,940**	144	370	**2,760**
	12/9/2010	**2,580**	<20	457	**2,270**
	3/10/2011	**1,450**	<20	369	**1,800**
	6/15/2011	**726**	<1	108	380
	9/13/2011	NS	NS	NS	NS
	1/6/2012	NS	NS	NS	NS
	4/6/2012	NS	NS	NS	NS

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS
Dogie East Pit
Harvest Four Corners, LLC
Rio Arriba County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		**5**	**1,000**	**700**	**620**
MW06	6/12/2012	NS	NS	NS	NS
	9/27/2012	NS	NS	NS	NS
	12/7/2012	NS	NS	NS	NS
	3/6/2013	NS-FP	NS-FP	NS-FP	NS-FP
	6/25/2013	NS-FP	NS-FP	NS-FP	NS-FP
	9/24/2013	NS-FP	NS-FP	NS-FP	NS-FP
	12/5/2013	NS-FP	NS-FP	NS-FP	NS-FP
	3/18/2014	NS-FP	NS-FP	NS-FP	NS-FP
	6/16/2014	NS-FP	NS-FP	NS-FP	NS-FP
	9/10/2014	**2,100**	110	**850**	**8,700**
	12/3/2014	NS-FP	NS-FP	NS-FP	NS-FP
	9/23/2015	**1,100**	<100	670	**6,600**
	3/30/2018	NS-FP	NS-FP	NS-FP	NS-FP
	9/13/2018	NS-FP	NS-FP	NS-FP	NS-FP
	9/23/2019	NS-FP	NS-FP	NS-FP	NS-FP
	3/18/2020	NS-FP	NS-FP	NS-FP	NS-FP
	9/22/2020	NS-FP	NS-FP	NS-FP	NS-FP
	3/4/2021	NS-FP	NS-FP	NS-FP	NS-FP
	8/24/2021	NS-FP	NS-FP	NS-FP	NS-FP
	9/6/2022	NS-FP	NS-FP	NS-FP	NS-FP
	3/8/2023	**160**	<50	180	**1,100**
	9/19/2023	**1,400**	<50	520	**2,500**
MW07	9/21/1999	**280**	**1,200**	78	**700**
	11/16/1999	**270**	380	37	261
	2/15/2000	**64**	18	10	24.4
	5/10/2000	**95**	26	12	50.4
	11/3/2000	2.62	<1	<1	<1
	2/22/2001	**13.0**	1.16	1.40	2.97
	5/10/2001	**23.4**	<1	2.63	3.74
	10/31/2001	**6.2**	<2.0	<2.0	<2.0
	9/23/2003	**5.4**	<2.0	<2.0	<5.0
	12/17/2003	**28**	<2.0	<2.0	<5.0
	9/18/2004	**100**	18	6.1	29
	12/7/2004	**35**	11	<2.0	7.3
	3/11/2005	**40**	<2.0	<2.0	<5.0
	6/16/2005	**27**	<2.0	<2.0	<5.0
	9/19/2005	**110**	21	9.0	43
	12/1/2005	**22.6**	<2.0	<2.0	<5.0
	2/27/2006	**55.2**	<1.0	<1.0	<3.0
	7/14/2006	<1.0	<1.0	<1.0	<3.0
	10/6/2006	**460**	<5.0	8.3	<15.0

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TABLE 2
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Dogie East Pit
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Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		5	1,000	700	620
MW07	12/12/2006	**202**	<1.0	1.3	<3.0
	3/30/2010	**137**	<1.0	<1.0	<3.0
	6/22/2010	**131**	<1.0	<1.0	<3.0
	9/16/2010	**47.7**	<1.0	<1.0	<3.0
	12/9/2010	**20.9**	<1.0	<1.0	<3.0
	3/10/2011	**73.7**	<1.0	<1.0	<3.0
	6/15/2011	**72.6**	<1.0	<1.0	<3.0
	9/13/2011	**13**	<1.0	<1.0	<3.0
	1/6/2012	**27.7**	2.2	<1.0	<3.0
	4/6/2012	**88.8**	3.7	<1.0	4.4
	6/12/2012	**22.0**	<1.0	4.1	<3.0
	9/27/2012	**37.7**	2.5	21.0	11.8
	12/7/2012	**64.0**	3.4	12.6	18.2
	3/6/2013	**110**	770	67	**1,200**
	6/25/2013	**95**	180	28	510
	9/24/2013	NS-FP	NS-FP	NS-FP	NS-FP
	12/5/2013	**170**	730	300	**2,300**
	9/10/2014	**86**	190	140	**740**
	9/23/2015	**43**	48	94	390
	9/12/2016	**98**	170	74	340
	10/30/2017	**60**	110	13	83
	9/13/2018	1.8	3.3	<1.0	<1.5
	3/28/2019	NS-FP	NS-FP	NS-FP	NS-FP
	9/23/2019	NS-FP	NS-FP	NS-FP	NS-FP
	3/18/2020	NS-FP	NS-FP	NS-FP	NS-FP
	9/22/2020	NS-FP	NS-FP	NS-FP	NS-FP
	3/4/2021	NS-FP	NS-FP	NS-FP	NS-FP
	9/6/2022	NS-FP	NS-FP	NS-FP	NS-FP
	3/8/2023	**40**	150	41	310
	9/19/2023	**47**	130	21	190
MW08	9/21/1999	0.5	1	0.8	<1.5
	2/15/2000	0.6	1.4	0.6	<1.5
	5/10/2000	<0.5	0.6	<0.5	<1.5
	11/2/2000	<1	<1	<1	<1
	11/16/2004	<0.5	0.6	0.5	<1.5
	2/16/2001	<1	<1	<1	<1
	5/10/2001	<1	<1	<1	<1
	10/31/2001	<1.0	<2.0	<2.0	<2.0
	9/23/2003	<2.0	<2.0	<2.0	<5.0
	12/17/2003	<2.0	<2.0	<2.0	<5.0
	9/18/2004	<2.0	<2.0	<2.0	<5.0

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Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		5	1,000	700	620
MW08	12/7/2004	<2.0	<2.0	<2.0	<5.0
	3/11/2005	<2.0	<2.0	<2.0	<5.0
	6/16/2005	<2.0	<2.0	<2.0	<5.0
	9/19/2005	<2.0	<2.0	<2.0	<5.0
	12/1/2005	<2.0	<2.0	<2.0	<5.0
	2/27/2006	<1.0	<1.0	<1.0	<3.0
	7/14/2006	<1.0	<1.0	<1.0	<3.0
	3/30/2010	NS	NS	NS	NS
	6/22/2010	NS	NS	NS	NS
	9/16/2010	NS	NS	NS	NS
	12/9/2010	NS	NS	NS	NS
	3/10/2011	NS	NS	NS	NS
	6/15/2011	NS	NS	NS	NS
	9/13/2011	NS	NS	NS	NS
	1/6/2012	NS	NS	NS	NS
	4/6/2012	NS	NS	NS	NS
	6/12/2012	NS	NS	NS	NS
	9/27/2012	NS	NS	NS	NS
	12/7/2012	NS	NS	NS	NS
	3/6/2013	<2.0	<2.0	<2.0	<4.0
	6/25/2013	<2.0	<2.0	<2.0	<4.0
	8/24/2021	<1.0	<1.0	<1.0	<2.0
	3/10/2022	<1.0	<1.0	<1.0	<1.5
	3/8/2023	<1.0	<1.0	<1.0	<2.0
	9/19/2023	<1.0	<1.0	<1.0	<2.0
MW09	9/21/1999	3.7	550	110	**920**
	2/15/2000	0.5	1.4	0.6	<1.3
	5/10/2000	<0.5	1.2	<0.5	<1.5
	9/23/2003	<2.0	<2.0	<2.0	<5.0
	12/17/2003	<2.0	<2.0	<2.0	<5.0
	6/16/2005	<2.0	<2.0	<2.0	<5.0
	7/14/2006	<1.0	<1.0	<1.0	<3.0
	12/12/2006	<1.0	<1.0	<1.0	<3.0
	3/30/2010	<1.0	<1.0	<1.0	<3.0
	6/22/2010	<1.0	<1.0	<1.0	<3.0
	9/16/2010	<1.0	<1.0	<1.0	<3.0
	12/9/2010	<1.0	<1.0	<1.0	<3.0
	3/10/2011	<1.0	<1.0	<1.0	<3.0
	6/15/2011	<1.0	<1.0	<1.0	<3.0
	9/13/2011	<1.0	<1.0	<1.0	<3.0
	1/6/2012	<1.0	<1.0	<1.0	<3.0

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Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		5	1,000	700	620
MW09	4/6/2012	<1.0	<1.0	<1.0	<3.0
	6/12/2012	<1.0	<1.0	<1.0	<3.0
	9/27/2012	<1.0	<1.0	<1.0	<3.0
	12/7/2012	<1.0	<1.0	<1.0	<3.0
	3/6/2013	<2.0	<2.0	<2.0	<4.0
SVE04"	9/23/2003	<2.0	<2.0	<2.0	<5.0
	12/17/2003	<2.0	<2.0	<2.0	<5.0
	9/18/2004	<2.0	<2.0	<2.0	<5.0
	12/7/2004	<2.0	<2.0	<2.0	<5.0
	3/11/2005	<2.0	<2.0	<2.0	<5.0
	6/16/2005	**5.6**	<2.0	<2.0	<5.0
	9/19/2005	<2.0	<2.0	<2.0	<5.0
	12/1/2005	<2.0	2.8	<2.0	<5.0
	3/30/2010	NS	NS	NS	NS
	6/22/2010	NS	NS	NS	NS
	9/16/2010	<1.0	<1.0	<1.0	<3.0
	12/9/2010	<1.0	<1.0	<1.0	<3.0
	3/10/2011	<1.0	<1.0	<1.0	<3.0
	6/15/2011	<1.0	<1.0	<1.0	<3.0
	9/13/2011	<1.0	<1.0	<1.0	<3.0
	1/6/2012	<1.0	<1.0	<1.0	<3.0
	4/6/2012	NS	NS	NS	NS
	6/12/2012	<1.0	<1.0	<1.0	<3.0
	9/27/2012	<1.0	<1.0	<1.0	<3.0
	4/16/2021	<1.0	<1.0	<1.0	<2.0
	8/24/2021	<1.0	<1.0	<1.0	<2.0
	3/10/2022	<1.0	<1.0	<1.0	<1.5
	3/8/2023	<1.0	<1.0	<1.0	<2.0
MW10	12/7/2012	NS	NS	NS	NS
	3/6/2013	<1.0	<1.0	<1.0	<2.0
	12/5/2013	<5.0	<5.0	<5.0	<10
	9/10/2014	<1.0	<1.0	<1.0	<2.0
	9/23/2015	<1.0	<1.0	<1.0	<2.0
	9/12/2016	<2.0	<2.0	<2.0	<4.0
	3/28/2017	<2.0	<2.0	<2.0	<3.0
	10/30/2017	<1.0	<1.0	<1.0	<1.5
	3/28/2018	<1.0	<1.0	<1.0	<1.5
	9/13/2018	<1.0	<1.0	<1.0	<1.5
	3/28/2019	<1.0	<1.0	<1.0	<1.5
	9/23/2019	<2.0	<2.0	<2.0	<4.0

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Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		5	1,000	700	620
MW10	3/18/2020	<2.0	<2.0	<2.0	<3.0
	9/22/2020	<1.0	<1.0	<1.0	<1.5
	3/4/2021	<1.0	<1.0	<1.0	<2.0
	8/24/2021	<1.0	<1.0	<1.0	<2.0
	3/10/2022	<1.0	<13.0	<1.0	<1.5
	9/6/2022	<1.0	<1.0	<1.0	<1.5
	3/8/2023	<1.0	<1.0	<1.0	<2.0
	9/19/2023	<1.0	<1.0	<1.0	<2.0
MW11	12/5/2013	**510**	32	570	**2,400**
	9/10/2014	**9.2**	<5.0	29	180
	9/23/2015	<2.0	<2.0	7.2	30
	9/12/2016	**5.2**	<2.0	17	72
	3/28/2017	**13**	<2.0	34	160
	10/30/2017	<1.0	<1.0	<1.0	<1.5
	3/28/2018	**24**	<1.0	11	25
	9/13/2018	<1.0	<1.0	<1.0	<1.5
	3/28/2019	**5.6**	<1.0	47	170
	9/23/2019	<1.0	<1.0	<1.0	<2.0
	3/18/2020	<1.0	<1.0	<1.0	<1.5
	9/22/2020	<1.0	<1.0	<1.0	<1.5
	3/4/2021	<1.0	<1.0	<1.0	<2.0
	8/24/2021	<1.0	<1.0	<1.0	<2.0
	3/10/2022	<2.0	<2.0	<2.0	<3.0
	9/6/2022	<2.0	<2.0	<2.0	<3.0
	3/8/2023	<2.0	<2.0	<2.0	<2.0
	9/19/2023	<1.0	<1.0	<1.0	<2.0
MW12	12/5/2013	NS-FP	NS-FP	NS-FP	NS-FP
	9/10/2014	**740**	360	46	200
	9/23/2015	**540**	76	<1.0	190
	9/12/2016	**1,700**	300	29	110
	3/28/2017	**760**	110	10	45
	10/30/2017	**190**	39	4.9	17
	3/30/2018	**390**	10	9.1	15
	9/14/2018	**3,200**	190	62	160
	3/28/2019	**1,800**	410	29	170
	9/23/2019	**340**	53	9.1	35
	3/18/2020	**320**	190	3.8	54
	9/22/2020	**170**	5.6	<5.0	<7.5
	3/4/2021	**120**	70	<1.0	30
	3/10/2022	NS-FP	NS-FP	NS-FP	NS-FP

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Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		5	1,000	700	620
MW12	9/6/2022	NS-FP	NS-FP	NS-FP	NS-FP
	3/8/2023	**50**	7.2	5.3	19
	9/19/2023	**310**	86	5.2	30
MW13	12/5/2013	<1.0	<1.0	<1.0	<2.0
	9/10/2014	<1.0	<1.0	<1.0	<2.0
	9/23/2015	<1.0	<1.0	<1.0	<2.0
	9/12/2016	**20**	<2.0	<2.0	<4.0
	3/28/2017	1.0	<1.0	<1.0	<1.5
	10/30/2017	<1.0	<1.0	<1.0	<1.5
	3/28/2018	<1.0	<1.0	<1.0	<1.5
	9/13/2018	<1.0	<1.0	<1.0	<1.5
	3/28/2019	<1.0	<1.0	<1.0	<1.5
	9/23/2019	<1.0	<1.0	<1.0	16
	3/18/2020	<1.0	<1.0	<1.0	<1.5
	9/22/2020	<1.0	<1.0	<1.0	<1.5
	3/4/2021	<1.0	<1.0	<1.0	<2.0
	8/24/2021	3.5	<1.0	<1.0	<2.0
	3/10/2022	**170**	<1.0	<1.0	<1.5
	9/6/2022	**430**	<1.0	3.4	3
	3/8/2023	**1,900**	<1.0	<1.0	<2.0
	9/19/2023	**34**	<1.0	<1.0	<2.0
MW14	10/30/2017	<1.0	<1.0	<1.0	<1.5
	3/28/2018	<1.0	<1.0	<1.0	<1.5
	9/13/2018	<1.0	<1.0	<1.0	<1.5
	3/28/2019	<1.0	<1.0	<1.0	<1.5
	9/23/2019	<1.0	<1.0	<1.0	<2.0
	3/18/2020	<1.0	<1.0	<1.0	<1.5
	9/22/2020	<1.0	<1.0	<1.0	<1.5
	3/4/2021	<1.0	<1.0	<1.0	<2.0
	8/24/2021	<1.0	<1.0	<1.0	<2.0
	3/10/2022	<1.0	<1.0	<1.0	<1.5
	9/6/2022	<1.0	<1.0	<1.0	<1.5
	3/8/2023	**17**	<1.0	<1.0	<2.0
	9/19/2023	NS-IW			
MW15	10/30/2017	**38**	310	52	340
	3/30/2018	4.4	<1.0	1.9	1.7
	9/14/2018	**28**	<1.0	<1.0	<1.5
	3/28/2019	4.8	<1.0	<1.0	<1.5
	9/23/2019	**180**	<2.0	94	62

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Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		5	1,000	700	620
MW15	3/18/2020	2.1	<2.0	<2.0	<3.0
	9/22/2020	1.8	<2.0	<2.0	<3.0
	3/4/2021	**8.6**	<1.0	<1.0	<2.0
	8/24/2021	**14**	<1.0	<1.0	<2.0
	3/10/2022	**5.5**	<1.0	<1.0	<1.5
	9/6/2022	**21**	<1.0	1.5	<1.5
	3/8/2023	<1.0	<1.0	<1.0	<2.0
	9/19/2023	<2.0	<2.0	<2.0	<4.0
MW16	10/30/2017	<1.0	<1.0	<1.0	<1.5
	3/30/2018	1.6	<1.0	<1.0	<1.5
	9/14/2018	<1.0	<1.0	<1.0	<1.5
	3/28/2019	<1.0	1.6	<1.0	2.6
	9/23/2019	<1.0	<1.0	<1.0	<2.0
	3/18/2020	<1.0	<1.0	<1.0	<1.5
	9/22/2020	<1.0	<1.0	<1.0	<1.5
	3/4/2021	<1.0	<1.0	<1.0	<2.0
	8/24/2021	**110**	<2.0	<2.0	<4.0
	3/10/2022	**510**	<1.0	2.7	<1.5
	9/6/2022	<1.0	<1.0	<1.0	<1.5
	3/8/2023	**340**	<2.0	2.3	14
	9/19/2023	<1.0	<1.0	<1.0	<2.0
MW17	8/13/2019	<1.0	<1.0	<1.0	<2.0
	3/18/2020	<1.0	<1.0	<1.0	<1.5
	9/22/2020	<1.0	<1.0	<1.0	<1.5
	3/10/2022	DRY	DRY	DRY	DRY
	9/6/2022	DRY	DRY	DRY	DRY
	9/19/2023	DRY	DRY	DRY	DRY
MW18	8/13/2019	<2.0	<2.0	<2.0	<4.0
	9/22/2020	<1.0	<1.0	<1.0	<1.5
	3/4/2021	<2.0	<2.0	<2.0	<4.0
	8/24/2021	<1.0	<1.0	<1.0	<2.0
	3/10/2022	<2.0	<2.0	<2.0	<3.0
	9/6/2022	<2.0	<2.0	<2.0	<3.0
	3/8/2023	<2.0	<2.0	<2.0	<4.0
	9/19/2023	<2.0	<2.0	<2.0	<4.0
MW19	9/6/2019	**71**	160	<5	**930**
	3/18/2020	**13**	<5.0	3	11
	9/22/2020	**17**	<1.0	4.7	11

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Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards		**5**	**1,000**	**700**	**620**
MW19	3/4/2021	<1.0	<1.0	<1.0	<2.0
	8/24/2021	3.4	<1.0	1.2	<2.0
	3/10/2022	<1.0	<1.0	<1.0	<1.5
	9/6/2022	<1.0	<1.0	<1.0	<1.5
	3/8/2023	1.3	<1.0	<1.0	<2.0
	9/19/2023	<1.0	<1.0	<1.0	<2.0
MW20	9/6/2019	<1.0	<1.0	<1.0	<1.5
	3/18/2020	<1.0	<1.0	<1.0	<1.5
	9/22/2020	<2.0	<2.0	<2.0	<3.0

Notes:

µg/L: milligrams per liter

J: The target analyte was positively identified below the quantitation limit and above the detection limit.

ND: not detected, practical quantitation limit unknown

NS - not sampled

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

DEST - well has been destroyed

NMWQCC: New Mexico Water Quality Control Commission

--: not analyzed

<0.037: indicates result less than the stated laboratory reporting limit (RL)

*Concentrations in **bold** and shaded exceed the New Mexico Water Quality Control Commission Standards, 20.6.2 of the New Mexico Administrative Code*

Water Sample Collection Form

Sample Location	Dogie Compressor Station	Client	Harvest Four Corners, LLC
Sample Date	3/10/22	Project Name	Dogie East Pit Groundwater Monitoring
Sample Time	13:20	Project #	
Sample ID	SVE-4	Sampler	
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	15.64	TD of Well	22.84
Time		Depth to Product	
Vol. of H2O to purge	14		

*(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
13:11	3.0	3.0	7.61	10.9	2.69	Slight Turbid, gray
13:14	2.0	5.0	7.52	11.2	2.68	↓
13:16	3.0	8.0	7.58	10.9	2.63	
13:18	3.0	11	7.54	11.1	2.65	
13:20	3.0	14	7.58	11.2	2.63	

Comments:

Describe Deviations from SOP:

Signature: **Date:**

Water Sample Collection Form

Sample Location	Dogie Compressor Station	Client	Harvest Four Corners, LLC
Sample Date		Project Name	Dogie East Pit Groundwater Monitoring
Sample Time		Project #	
Sample ID	MW-05	Sampler	
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	15.07	TD of Well	18.17
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: Shean in bailer, did not Sample

Describe Deviations from SOP:

Signature: Gregory Pelesa Date: 3/10/2022

Water Sample Collection Form

Sample Location	Dogie Compressor Station	Client	Harvest Four Corners, LLC
Sample Date	3/10	Project Name	Dogie East Pit Groundwater Monitoring
Sample Time	12:40	Project #	
Sample ID	MW-9	Sampler	
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	12.60	TD of Well	21.58
Time		Depth to Product	
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: Bailer

Method of Sampling: Bailer

Time	Vol. Removed (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (C)	Conductivity (us or ms)	Comments
12:30	1.0	1.0	7.78	9.1	8.04	Clear, rust color
12:35	1.0	2.0	7.77	9.3	8.08	
12:37	1.0	3.0	7.80	9.3	8.04	
12:46	1.0	4.0	7.79	9.3	8.09	

Comments:

Describe Deviations from SOP:

Signature: [signature] **Date:** 3/10/23

Water Sample Collection Form

Sample Location	Dogie Compressor Station	Client	Harvest Four Corners, LLC
Sample Date	3/10/22	Project Name	Dogie East Pit Groundwater Monitoring
Sample Time		Project #	
Sample ID	MW-10	Sampler	
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	8.38	TD of Well	9.26
Time	~~4:36~~	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: Bailer

Method of Sampling: Bailer

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

Comments: Grab Sample
Clear Rust color

Describe Deviations from SOP:

Signature: Eric Cuevas Date: 3/10/22

Water Sample Collection Form

Sample Location	Dogie Compressor Station	Client	Harvest Four Corners, LLC
Sample Date	3/10	Project Name	Dogie East Pit Groundwater Monitoring
Sample Time	12:30	Project #	
Sample ID	MW-1	Sampler	
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	9.65	TD of Well	15.12
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 2.68

Method of Sampling

Time	Vol. Removed (gal.)	Total Vol H2O removed (gal.)	pH (std. units)	Temp. (C)	Conductivity (us or ms)	Comments
12:22	1	1	7.46	8.6	4.61	Reddish brown, silty, no odor
12:26	0.5	1.5	7.30	8.9	4.55	Dark gray, Turbid

Comments:

Describe Deviations from SOP: Sampled after 1.5 gallons due to well starting to go dry

Signature: Gregory Pelesse Date: 3/10/2022

Water Sample Collection Form

Sample Location	Dogie Compressor Station	Client	Harvest Four Corners, LLC
Sample Date	3/10/2022	Project Name	Dogie East Pit Groundwater Monitoring
Sample Time	MW-12	Project #	
Sample ID		Sampler	GP
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	15.51	TD of Well	19.02
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: No sample taken, Sheen in bailer

Describe Deviations from SOP:

Signature: Temporary Pulse Date: 3/10/2022

Water Sample Collection Form

Sample Location	Dogie Compressor Station	Client	Harvest Four Corners, LLC
Sample Date	3/10/2022	Project Name	Dogie East Pit Groundwater Monitoring
Sample Time	12:03	Project #	
Sample ID	MW-13	Sampler	GP
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	15.42	TD of Well	18.38
Time		Depth to Product	---

Vol. of H2O to purge: (18.38 - 15.42) * 0.1631 * 3 = 1.44

*(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
11:58	0.5	0.5	5.13	8.9	596	Tan, Turbid, no odor

Comments:

Describe Deviations from SOP: Sampled after 0.5 gallons due to well starting to bail dry

Signature: Gregory Pelzel Date: 3/10/2022

Water Sample Collection Form

Sample Location	Dogie Compressor Station	Client	Harvest Four Corners, LLC
Sample Date	3/10	Project Name	Dogie East Pit Groundwater Monitoring
Sample Time	12:00	Project #	
Sample ID	MW-14	Sampler	
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	12.32	TD of Well	19.04
Time		Depth to Product	
Vol. of H2O to purge	3.2		

*(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
11:47	0.5	0.5	7.34	10.5	5.04	Turbid sulfur odor
11:49	0.5	1.0	7.71	10.7	5.11	↓
11:51	0.5	1.5	7.75	10.7	5.01	↓
11:53	0.5	2.0	7.76	10.8	5.10	↓
11:55	1.0	3.0	7.77	10.5	5.10	↓

Comments:

Describe Deviations from SOP:

Signature: Emi Cano **Date:** 3/10/22

Water Sample Collection Form

Sample Location	Dogie Compressor Station	Client	Harvest Four Corners, LLC
Sample Date	3/10/2022	Project Name	Dogie East Pit Groundwater Monitoring
Sample Time	1400	Project #	
Sample ID	MW-15	Sampler	GP
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	13.51	TD of Well	20.71
Time		Depth to Product	
Vol. of H2O to purge	3.5		

*(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
1355	2	2	7.90	13.2	10.80	Grey Turbid, Slight odor
1400	0.5	2.5				SAA

Comments:

Describe Deviations from SOP:

Signature: Gregory Pakel Date: 3/10/2022

Water Sample Collection Form

Sample Location	Dogie Compressor Station	Client	Harvest Four Corners, LLC
Sample Date	3/10/2022	Project Name	Dogie East Pit Groundwater Monitoring
Sample Time	13:11	Project #	
Sample ID	MW-16	Sampler	GP
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	14.74	TD of Well	18.55
Time		Depth to Product	
Vol. of H2O to purge	1.86		

*(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
1305	0.75	0.75	7.83	11.8	6.73	Almost clear, no odor
1310	0.75	1.5	9.94	11.9	6.73	SAA

Comments:

Describe Deviations from SOP:

Signature: Gregory Patton Date: 3/10/2022

Water Sample Collection Form

Sample Location	Dogie Compressor Station	Client	Harvest Four Corners, LLC
Sample Date	3/10/22	Project Name	Dogie East Pit Groundwater Monitoring
Sample Time		Project #	
Sample ID	MW-17	Sampler	
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: Eliz Cassidy **Date:** 3/10/22

Water Sample Collection Form

Sample Location	Dogie Compressor Station	Client	Harvest Four Corners, LLC
Sample Date	3/10/22	Project Name	Dogie East Pit Groundwater Monitoring
Sample Time	13:55	Project #	
Sample ID	MW-18	Sampler	
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water		TD of Well	15.17
Time	13.59	Depth to Product	X
Vol. of H2O to purge	0.75		

*(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

Comments: Grab Sample

Describe Deviations from SOP:

Signature: [signature] Date: 3/10/22

Water Sample Collection Form

Sample Location	Dogie Compressor Station	Client	Harvest Four Corners, LLC
Sample Date	3/10/19	Project Name	Dogie East Pit Groundwater Monitoring
Sample Time	14:10	Project #	
Sample ID	MW-19	Sampler	
Analyses	BTEX 8021		
Matrix	Groundwater	Laboratory	Hall Environmental
Turn Around Time	Standard		Courier
Depth to Water	9.30	TD of Well	15.45
Time		Depth to Product	
Vol. of H2O to purge	3		

*(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
14:05	0.5	0.5	7.62	9.4	17.89	clear rust color
14:06	0.5	1.0	7.65	9.8	21.2	turbid black
14:07	0.25	1.25	7.65	9.8	21.4	↓

Comments: Dry @ 1.25 gallons

Describe Deviations from SOP:

Signature: Date:

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: 07B2002004

Project Location: Dogie CS
Sampler: A. Thomson G. Palese

Sample ID: MW03
Sample Date: 9-19-23
Laboratory: Hall Environmental
Analyses: BTEX

Matrix: Groundwater
Sample Time: 13:20
Shipping Method: Hand Delivery

Depth to Water: 15.45
Time: 13:10

Total Depth of Well: 19.57
Depth to Product: NM

Vol. of Water to Purge: 2 (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	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F) C	Conductivity (us or ms)	Comments
13:12	0.5	0.5	7.47	18.07	4.12	Turbid black
13:14	0.5	1.0	7.41	16.92	4.20	↓
13:15	0.5	1.5	7.38	16.83	4.34	↓
13:17	0.5	2.0	7.38	16.77	4.36	↓

Comments: Slight sheen/odor

Describe Deviations from SOP:

Signature: [signature]

Date: 9-19-23

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: 07B2002004
Project Location: Dogie CS
Sampler: A. Thomson ~~G. Pitese~~

Sample ID: MW 05
Sample Date: 9-19-23
Laboratory: Hall Environmental
Analyses: BTEX
Matrix: Groundwater
Sample Time: 13:41
Shipping Method: Hand Delivery

Depth to Water: 15.50
Time: 1330
Total Depth of Well: 18.18
Depth to Product: —

Vol. of Water to Purge: 1.31 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	Total Vol. Removed (gallons)	pH (std. units)	Temp. C ~~F~~	Conductivity (us or ~~ms~~)	Comments
1331	0.5	0.5	7.45	16.7	5.28	Gray
1334	0.5	1.0	7.38	15.9	5.44	SAA
1337	0.25	1.25	7.35	15.8	5.61	SAA
1339	0.25	1.5	7.34	15.7	5.56	SAA

Comments: Mod odor, mod sheen

Describe Deviations from SOP: N/A

Signature: [signature] Date: 9/19/23

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: 07B2002004
Project Location: Dogie CS
Sampler: A. Thomson ~~G. Palese~~

Sample ID: MW06
Sample Date: 9-19-23
Laboratory: Hall Environmental
Analyses: BTEX
Matrix: Groundwater
Sample Time: 13:20
Shipping Method: Hand Delivery

Depth to Water: 16.95
Time: 13:05
Total Depth of Well: 22.30
Depth to Product: —

Vol. of Water to Purge: 2.62 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	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F) C	Conductivity (us or ms)	Comments
13:08	1	1	7.71	17.5	2.16	Gray turbid
13:10	0.5	1.5	7.62	17.1	2.24	SAA
13:13	0.5	2.0	7.58	17.1	2.28	SAA
13:16	0.75	2.75	7.58	16.9	2.36	SAA

Comments: Mod odor, mod sheen

Describe Deviations from SOP: N/A

Signature: [signature] Date: 9/19/23

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: 07B2002004
Project Location: Dogie CS
Sampler: A. Thomson G. Palese

Sample ID: MW07
Sample Date: 7-19-23
Laboratory: Hall Environmental
Analyses: BTEX
Matrix: Groundwater
Sample Time: 14:00
Shipping Method: Hand Delivery

Depth to Water: 13.40
Time: 13:40
Total Depth of Well: 20.50
Depth to Product: NM

Vol. of Water to Purge: ~~13~~ 3.4 (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	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F) C	Conductivity (us or ms)	Comments
13:46	0.5	0.5	7.64	17.52	3.07	Clear colorless
13:47	0.5	1.0	7.61	16.44	3.16	↓
13:49	0.5	1.5	7.60	16.14	2.92	
13:50	0.5	2.0	7.60	16.16	2.90	
13:53	1.0	3.0	7.59	15.99	2.82	
13:55	0.5	3.5	7.59	15.95	2.78	

Comments: Slight odor Heavy Sheen

Describe Deviations from SOP:

Signature: [signature] Date: 7-19-23

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: 07B2002004
Project Location: Dogie CS
Sampler: A. Thomson G. Palese

Sample ID: MW08
Sample Date: 9-19-23
Laboratory: Hall Environmental
Analyses: BTEX
Matrix: Groundwater
Sample Time: 13:30
Shipping Method: Hand Delivery

Depth to Water: 12.57
Time:
Total Depth of Well: 21.46
Depth to Product: NM

Vol. of Water to Purge: Grab (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	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F)	Conductivity (us or ms)	Comments

Comments: Blockage in well grab sample w/ micro bailer

Describe Deviations from SOP:

Signature: [signature] **Date:** 9-19-23

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: 07B2002004
Project Location: Dogie CS
Sampler: A. Thomson G. Palese

Sample ID: MW-10
Sample Date: 9-19-23
Laboratory: Hall Environmental
Analyses: BTEX
Matrix: Groundwater
Sample Time: 11:37
Shipping Method: Hand Delivery

Depth to Water: 8.29
Time: 11:35
Total Depth of Well: 9.44
Depth to Product: NA

Vol. of Water to Purge: 0.5 (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	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F)	Conductivity (us or ms)	Comments

Comments: Insufficient water for parameters
Red, Turbid High organic content

Describe Deviations from SOP: Grab Sample

Signature: [signature]
Date: 9-19-23

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: 07B2002004
Project Location: Dogie CS
Sampler: A. Thomson G. Palese

Sample ID: MW-11
Sample Date: 9-19-23
Laboratory: Hall Environmental
Analyses: BTEX
Matrix: Groundwater
Sample Time: 11:30
Shipping Method: Hand Delivery

Depth to Water: 9.32
Time: 11:22
Total Depth of Well: 15.23
Depth to Product:

Vol. of Water to Purge: 2-8 (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	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F) C	Conductivity (us or ms)	Comments
11:25	0.25	0.25	7.45	17.93	2.63	Turbid red brown
11:27	0.50	0.75	7.22	17.27	2.75	SAA
11:28	0.25	1.00	7.22	17.33	2.73	Turbid black organic

Comments: DRY @ 1 gallon Allow recharge to before sampling

Describe Deviations from SOP:

Signature: [signature] Date: 9-19-23

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: 07B2002004
Project Location: Dogie CS
Sampler: A. Thomson ~~G. Palese~~

Sample ID: MW12
Sample Date: 9-19
Laboratory: Hall Environmental
Analyses: BTEX
Matrix: Groundwater
Sample Time: 12:54
Shipping Method: Hand Delivery

Depth to Water: 15.44
Time: 12:40
Total Depth of Well: 19.00
Depth to Product: —

Vol. of Water to Purge: 1.74 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	Total Vol. Removed (gallons)	pH (std. units)	Temp. ~~(F)~~ C	Conductivity (us or ~~ms~~)	Comments
1245	0.5	0.5	8.45	18.9	2.20	light gray
1247	0.5	1.0	7.97	18.6	3.72	SAA
12:49	0.5	1.5	7.92	18.4	4.01	SAA
12:51	0.25	1.75	7.91	18.3	3.95	SAA

Comments: Mod odor; Slight Sheen

Describe Deviations from SOP: N/A

Signature: [signature]
Date: 9/19/23

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: 07B2002004
Project Location: Dogie CS
Sampler: A. Thomson ~~G. Palese~~

Sample ID: MW 13
Sample Date: 9-19-23
Laboratory: Hall Environmental
Analyses: BTEX
Matrix: Groundwater
Sample Time: 1404
Shipping Method: Hand Delivery

Depth to Water: 14.92
Time: 1348
Total Depth of Well: 18.06
Depth to Product: —

Vol. of Water to Purge: 1.54 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	Total Vol. Removed (gallons)	pH (std. units)	Temp. ~~(F)~~ C	Conductivity (us or ~~ms~~)	Comments
1351	0.5	0.5	8.07	18.5	5.02	light gray
1354	0.5	1.0	8.04	18.3	5.10	SAA
1357	0.5	1.5	8.05	18.1	5.04	SAA
1400	0.25	1.75	8.05	18.1	5.03	SAA

Comments: Mod odor, ~~not~~ slight sheen

Describe Deviations from SOP: N/A

Signature: [signature]
Date: 9/19/23

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: 07B2002004
Project Location: Dogie CS
Sampler: A. Thomson G. Palese

Sample ID: MW-14
Sample Date: NS-IW
Laboratory: Hall Environmental
Analyses: BTEX
Matrix: Groundwater
Sample Time: NS-IW
Shipping Method: Hand Delivery

Depth to Water:
Time:
Total Depth of Well:
Depth to Product:

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

Comments: Not Sampled insufficient H_2O

Describe Deviations from SOP:

Signature: EC **Date:** 9-19-23

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: 07B2002004
Project Location: Dogie CS
Sampler: A. Thomson G. Palese

Sample ID: MW-15
Sample Date: 9-19-23
Laboratory: Hall Environmental
Analyses: BTEX
Matrix: Groundwater
Sample Time: 12:45
Shipping Method: Hand Delivery

Depth to Water: 13.44
Time: 12:28
Total Depth of Well: 20.69
Depth to Product: NM

Vol. of Water to Purge: 3.5 (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	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F) C	Conductivity (us or ms)	Comments
12:32	0.5	0.5	7.89	18.95	9.98	Turbid lt. brown
12:34	0.5	1.0	7.85	18.61	9.89	SAA
12:36	0.5	1.5	7.84	18.51	10.01	SAA
12:37	0.5	2.0	7.83	18.48	10.06	
12:39	1.0	3.0	7.83	18.44	9.97	↓
12:41	1.0	4.0	7.83	18.44	9.95	↓

Comments:

Describe Deviations from SOP:

Signature: [signature] Date: 9-19-23

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: 07B2002004
Project Location: Dogie CS
Sampler: A. Thomson G. Palese

Sample ID: MW-16
Sample Date: 9-19-23
Laboratory: Hall Environmental
Analyses: BTEX
Matrix: Groundwater
Sample Time: 13:00
Shipping Method: Hand Delivery

Depth to Water: 14.63
Time: 12:47
Total Depth of Well: 18.35
Depth to Product: NM

Vol. of Water to Purge: 1.8 (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	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F) C	Conductivity (us or ms)	Comments
12:51	0.5	0.5	8.02	18.00	4.57	Turbid lt. brown
12:53	0.5	1.0	7.91	17.51	4.19	↓
12:55	0.5	1.5	7.92	17.37	3.81	
12:56	0.25	1.75	7.92	17.34	3.78	

Comments:

Describe Deviations from SOP:

Signature: Date: 9-19-23

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: 07B2002004
Project Location: Dogie CS
Sampler: A. Thomson G. Palese

Sample ID: MW-14
Sample Date:
Matrix: Groundwater
Sample Time: 12:20
Laboratory: Hall Environmental
Shipping Method: Hand Delivery
Analyses: BTEX

Depth to Water: 12.70
Time: 12:15
Total Depth of Well: 15.32
Depth to Product:

Vol. of Water to Purge: 1.2 (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	Total Vol. Removed (gallons)	pH (std. units)	Temp. ~~(F)~~ C	Conductivity (us or ~~ms~~)	Comments
12:18	0.33	0.33	7.89	19.20	25.88	Clear to yellow

Comments: Dry @ 0.40 gallons

Describe Deviations from SOP:

Signature: E C
Date: 9-19-23

Groundwater Sample Collection Form

Project Name: Quarterly Groundwater Monitoring
Project Number: 07B2002004
Project Location: Dogie CS
Sampler: A. Thomson G. Palese

Sample ID: MW-19
Sample Date: 9-19-23
Laboratory: Hall Environmental
Analyses: BTEX
Matrix: Groundwater
Sample Time: 12:16
Shipping Method: Hand Delivery

Depth to Water: 10.37
Time: 11:50
Total Depth of Well: 15.42
Depth to Product: NM

Vol. of Water to Purge: 2.4 (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	Total Vol. Removed (gallons)	pH (std. units)	Temp. (F)C	Conductivity (us or ms)	Comments
11:57	0.75	0.75	7.67	16.82	14.91	turbid gray
11:59	0.75	0.50	7.51	16.74	14.63	turbid gray
12:01	0.50	1.00	7.50	16.54	14.19	SAA
12:03	0.50	1.50	7.50	16.49	14.16	SAA

Comments: DRY @ 1.5 gals

Describe Deviations from SOP:

Signature: [signature]
Date: 9-19-23

ENSOLUM

APPENDIX A

Groundwater Collection Forms

ENSOLUM

APPENDIX 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: www.hallenvironmental.com

March 17, 2023

Monica Smith

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

RE: Dogie Compressor Station OrderNo.: 2303520

Dear Monica Smith:

Hall Environmental Analysis Laboratory received 15 sample(s) on 3/9/2023 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: **2303520**
Date Reported: **3/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Lab Order:** 2303520
Project: Dogie Compressor Station

Lab ID: 2303520-001 **Collection Date:** 3/8/2023 11:55:00 AM
Client Sample ID: MW-03 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	5.0		µg/L	5	3/10/2023 7:33:00 PM	R95176
Toluene	ND	5.0		µg/L	5	3/10/2023 7:33:00 PM	R95176
Ethylbenzene	36	5.0		µg/L	5	3/10/2023 7:33:00 PM	R95176
Xylenes, Total	68	10		µg/L	5	3/10/2023 7:33:00 PM	R95176
Surr: 4-Bromofluorobenzene	115	70-130		%Rec	5	3/10/2023 7:33:00 PM	R95176

Lab ID: 2303520-002 **Collection Date:** 3/8/2023 11:37:00 AM
Client Sample ID: SVE-4 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	3/10/2023 11:15:00 AM	R95176
Toluene	ND	1.0		µg/L	1	3/10/2023 11:15:00 AM	R95176
Ethylbenzene	ND	1.0		µg/L	1	3/10/2023 11:15:00 AM	R95176
Xylenes, Total	ND	2.0		µg/L	1	3/10/2023 11:15:00 AM	R95176
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	3/10/2023 11:15:00 AM	R95176

Lab ID: 2303520-003 **Collection Date:** 3/8/2023 2:53:00 PM
Client Sample ID: MW-05 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	5.0		µg/L	5	3/10/2023 1:46:00 PM	R95176
Toluene	9.7	5.0		µg/L	5	3/10/2023 1:46:00 PM	R95176
Ethylbenzene	59	5.0		µg/L	5	3/10/2023 1:46:00 PM	R95176
Xylenes, Total	320	10		µg/L	5	3/10/2023 1:46:00 PM	R95176
Surr: 4-Bromofluorobenzene	145	70-130	S	%Rec	5	3/10/2023 1:46:00 PM	R95176

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2303520**
Date Reported: **3/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Lab Order:** 2303520
Project: Dogie Compressor Station

Lab ID: 2303520-004 **Collection Date:** 3/8/2023 12:12:00 PM
Client Sample ID: MW-06 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	160	50		µg/L	50	3/10/2023 2:08:00 PM	R95176
Toluene	ND	50		µg/L	50	3/10/2023 2:08:00 PM	R95176
Ethylbenzene	180	50		µg/L	50	3/10/2023 2:08:00 PM	R95176
Xylenes, Total	1100	100		µg/L	50	3/10/2023 2:08:00 PM	R95176
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	50	3/10/2023 2:08:00 PM	R95176

Lab ID: 2303520-005 **Collection Date:** 3/8/2023 2:27:00 PM
Client Sample ID: MW-07 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	40	2.0		µg/L	2	3/10/2023 2:29:00 PM	R95176
Toluene	150	2.0		µg/L	2	3/10/2023 2:29:00 PM	R95176
Ethylbenzene	41	2.0		µg/L	2	3/10/2023 2:29:00 PM	R95176
Xylenes, Total	310	4.0		µg/L	2	3/10/2023 2:29:00 PM	R95176
Surr: 4-Bromofluorobenzene	176	70-130	S	%Rec	2	3/10/2023 2:29:00 PM	R95176

Lab ID: 2303520-006 **Collection Date:** 3/8/2023 2:40:00 PM
Client Sample ID: MW-08 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0	P	µg/L	1	3/10/2023 2:51:00 PM	R95176
Toluene	ND	1.0	P	µg/L	1	3/10/2023 2:51:00 PM	R95176
Ethylbenzene	ND	1.0	P	µg/L	1	3/10/2023 2:51:00 PM	R95176
Xylenes, Total	ND	2.0	P	µg/L	1	3/10/2023 2:51:00 PM	R95176
Surr: 4-Bromofluorobenzene	120	70-130	P	%Rec	1	3/10/2023 2:51:00 PM	R95176

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order: **2303520**
Date Reported: **3/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Lab Order:** 2303520
Project: Dogie Compressor Station

Lab ID: 2303520-007 **Collection Date:** 3/8/2023 1:53:00 PM
Client Sample ID: MW-11 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	2.0	P	µg/L	2	3/10/2023 3:13:00 PM	R95176
Toluene	ND	2.0	P	µg/L	2	3/10/2023 3:13:00 PM	R95176
Ethylbenzene	ND	2.0	P	µg/L	2	3/10/2023 3:13:00 PM	R95176
Xylenes, Total	ND	4.0	P	µg/L	2	3/10/2023 3:13:00 PM	R95176
Surr: 4-Bromofluorobenzene	106	70-130	P	%Rec	2	3/10/2023 3:13:00 PM	R95176

Lab ID: 2303520-008 **Collection Date:** 3/8/2023 12:42:00 PM
Client Sample ID: MW-12 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	50	2.0		µg/L	2	3/10/2023 3:35:00 PM	R95176
Toluene	7.2	2.0		µg/L	2	3/10/2023 3:35:00 PM	R95176
Ethylbenzene	5.3	2.0		µg/L	2	3/10/2023 3:35:00 PM	R95176
Xylenes, Total	19	4.0		µg/L	2	3/10/2023 3:35:00 PM	R95176
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	2	3/10/2023 3:35:00 PM	R95176

Lab ID: 2303520-009 **Collection Date:** 3/8/2023 2:08:00 PM
Client Sample ID: MW-13 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **BFR**	
Benzene	1900	100		µg/L	100	3/15/2023 7:32:00 AM	R95176
Toluene	ND	1.0		µg/L	1	3/10/2023 4:18:00 PM	R95176
Ethylbenzene	ND	1.0		µg/L	1	3/10/2023 4:18:00 PM	R95176
Xylenes, Total	ND	2.0		µg/L	1	3/10/2023 4:18:00 PM	R95176
Surr: 4-Bromofluorobenzene	141	70-130	S	%Rec	1	3/10/2023 4:18:00 PM	R95176

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2303520**
Date Reported: **3/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Lab Order:** 2303520
Project: Dogie Compressor Station

Lab ID: 2303520-010 **Collection Date:** 3/8/2023 1:33:00 PM
Client Sample ID: MW-14 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	17	1.0		µg/L	1	3/10/2023 5:23:00 PM	R95176
Toluene	ND	1.0		µg/L	1	3/10/2023 5:23:00 PM	R95176
Ethylbenzene	ND	1.0		µg/L	1	3/10/2023 5:23:00 PM	R95176
Xylenes, Total	ND	2.0		µg/L	1	3/10/2023 5:23:00 PM	R95176
Surr: 4-Bromofluorobenzene	99.3	70-130		%Rec	1	3/10/2023 5:23:00 PM	R95176

Lab ID: 2303520-011 **Collection Date:** 3/8/2023 12:52:00 PM
Client Sample ID: MW-15 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0	P	µg/L	1	3/10/2023 5:44:00 PM	R95176
Toluene	ND	1.0	P	µg/L	1	3/10/2023 5:44:00 PM	R95176
Ethylbenzene	ND	1.0	P	µg/L	1	3/10/2023 5:44:00 PM	R95176
Xylenes, Total	ND	2.0	P	µg/L	1	3/10/2023 5:44:00 PM	R95176
Surr: 4-Bromofluorobenzene	102	70-130	P	%Rec	1	3/10/2023 5:44:00 PM	R95176

Lab ID: 2303520-012 **Collection Date:** 3/8/2023 12:27:00 PM
Client Sample ID: MW-16 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **BFR**	
Benzene	340	20		µg/L	20	3/15/2023 7:53:00 AM	R95176
Toluene	ND	2.0		µg/L	2	3/10/2023 6:06:00 PM	R95176
Ethylbenzene	2.3	2.0		µg/L	2	3/10/2023 6:06:00 PM	R95176
Xylenes, Total	14	4.0		µg/L	2	3/10/2023 6:06:00 PM	R95176
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	2	3/10/2023 6:06:00 PM	R95176

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2303520**
Date Reported: **3/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Lab Order:** 2303520
Project: Dogie Compressor Station

Lab ID: 2303520-013 **Collection Date:** 3/8/2023 1:05:00 PM
Client Sample ID: MW-18 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	2.0	P	µg/L	2	3/10/2023 6:28:00 PM	R95176
Toluene	ND	2.0	P	µg/L	2	3/10/2023 6:28:00 PM	R95176
Ethylbenzene	ND	2.0	P	µg/L	2	3/10/2023 6:28:00 PM	R95176
Xylenes, Total	ND	4.0	P	µg/L	2	3/10/2023 6:28:00 PM	R95176
Surr: 4-Bromofluorobenzene	101	70-130	P	%Rec	2	3/10/2023 6:28:00 PM	R95176

Lab ID: 2303520-014 **Collection Date:** 3/8/2023 1:20:00 PM
Client Sample ID: MW-19 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	1.3	1.0		µg/L	1	3/10/2023 6:49:00 PM	R95176
Toluene	ND	1.0		µg/L	1	3/10/2023 6:49:00 PM	R95176
Ethylbenzene	ND	1.0		µg/L	1	3/10/2023 6:49:00 PM	R95176
Xylenes, Total	ND	2.0		µg/L	1	3/10/2023 6:49:00 PM	R95176
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	3/10/2023 6:49:00 PM	R95176

Lab ID: 2303520-015 **Collection Date:** 3/8/2023 1:45:00 PM
Client Sample ID: MW-10 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	3/10/2023 7:11:00 PM	R95176
Toluene	ND	1.0		µg/L	1	3/10/2023 7:11:00 PM	R95176
Ethylbenzene	ND	1.0		µg/L	1	3/10/2023 7:11:00 PM	R95176
Xylenes, Total	ND	2.0		µg/L	1	3/10/2023 7:11:00 PM	R95176
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	3/10/2023 7:11:00 PM	R95176

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2303520**

17-Mar-23

Client: Harvest

Project: Dogie Compressor Station

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R95176**	RunNo: **95176**
Prep Date:	Analysis Date: **3/10/2023**	SeqNo: **3442318** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	22		20.00		108	70	130			

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R95176**	RunNo: **95176**
Prep Date:	Analysis Date: **3/10/2023**	SeqNo: **3442319** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	88.0	70	130			
Toluene	18	1.0	20.00	0	89.2	70	130			
Ethylbenzene	18	1.0	20.00	0	90.2	70	130			
Xylenes, Total	54	2.0	60.00	0	90.6	70	130			
Surr: 4-Bromofluorobenzene	22		20.00		108	70	130			

Sample ID: **2303520-002ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **SVE-4**	Batch ID: **R95176**	RunNo: **95176**
Prep Date:	Analysis Date: **3/10/2023**	SeqNo: **3442322** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	94.5	70	130			
Toluene	19	1.0	20.00	0	96.7	70	130			
Ethylbenzene	20	1.0	20.00	0	97.6	70	130			
Xylenes, Total	59	2.0	60.00	0	98.2	70	130			
Surr: 4-Bromofluorobenzene	21		20.00		106	70	130			

Sample ID: **2303520-002amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **SVE-4**	Batch ID: **R95176**	RunNo: **95176**
Prep Date:	Analysis Date: **3/10/2023**	SeqNo: **3442323** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	92.4	70	130	2.23	20	
Toluene	19	1.0	20.00	0	93.6	70	130	3.28	20	
Ethylbenzene	19	1.0	20.00	0	94.8	70	130	2.97	20	
Xylenes, Total	57	2.0	60.00	0	95.2	70	130	3.13	20	
Surr: 4-Bromofluorobenzene	20		20.00		99.4	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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: Harvest | Work Order Number: 2303520 | RcptNo: 1

Received By: Tracy Casarrubias 3/9/2023 7:15:00 AM

Completed By: Tracy Casarrubias 3/9/2023 10:36:09 AM

Reviewed By: JA 3-9-23

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: JA 3/9/23

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	3.7	Good	Yes	Yogi		

Chain-of-Custody Record

Client: Harvest Midstream

Monica Smith

Mailing Address:

Phone #:

email or Fax#: monica.smith@harvest.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard 5-day ☐ Rush

Project Name: Dogie Compressor Station

Project #:

Project Manager: Brooke Herb

cc: bherb@ensolum.com

cc: Yogi

Sampler: Reece Hanson, Zach Myers

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(Including CF): 3.7-0=3.7 (°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. 2303520
3/8/23	11:55	water	MW-03	3. VOA	HCl	001
	11:37		MW-04			002
	14:53		MW-05			003
	12:12		MW-06			004
	14:27		MW-07			005
	14:40		MW-08			006
	13:53		MW-11			007
	12:42		MW-12			008
	14:08		MW-13			009
	13:33		MW-14			010
	12:52		MW-15			011
	12:27		MW-16			012

Analysis Request

BTEX ~~MTBE / TMB's~~ (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
✓									
✓									
✓									
✓									
✓									
✓									
✓									
✓									
✓									
✓									
✓									
✓									

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
3/8/23	17:00				3/8/23	1706
3/8/23	1806				3/9/23	7:15

Remarks:

cc: rhanson@ensolum.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.

Chain-of-Custody Record

Client: Harvest Midstream

Monica Smith

Mailing Address:

Phone #:

email or Fax#: monica.smith@harvest.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard 5-day ☐ Rush

Project Name:

Dogie Compressor Staton

Project #:

Project Manager: Brooke Herb

cc: bherbe ansolum.com

Sampler: Reese Hanson, Zach Myers yogi

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(Including CF): 3.7 -0=3.7 (°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. 2303520
3/8/23	13:05	Water	MW-18	3 VOA	HgCl	013
↓	13:20	↓	MW-19	2 VOA	HCl	014
3/8	13:45		MW-10			015
			per sample, Bottle JTC 3/9/23 per client.			

Analysis Request

BTEX / ~~MTBE~~ / ~~TMB's~~ (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
✓															
✓															

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
3/8/23	17:00					
3/8/23	1806				3/8/23	1700

Remarks:

cc: rhanson@ansolum.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: www.hallenvironmental.com

September 27, 2023

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

RE: Dogie CS OrderNo.: 2309C23

Dear Oakley Hayes:

Hall Environmental Analysis Laboratory received 13 sample(s) on 9/21/2023 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 **2309C23**
Date Reported: **9/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW-3
Project: Dogie CS **Collection Date:** 9/19/2023 1:20:00 PM
Lab ID: 2309C23-001 **Matrix:** GROUNDWA **Received Date:** 9/21/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	1.0		µg/L	1	9/26/2023 11:04:47 AM	R99961
Toluene	ND	1.0		µg/L	1	9/26/2023 11:04:47 AM	R99961
Ethylbenzene	7.7	1.0		µg/L	1	9/26/2023 11:04:47 AM	R99961
Xylenes, Total	35	2.0		µg/L	1	9/26/2023 11:04:47 AM	R99961
Surr: 4-Bromofluorobenzene	117	52.4-148		%Rec	1	9/26/2023 11:04:47 AM	R99961

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309C23**
Date Reported: **9/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: MW-5
Project: Dogie CS
Collection Date: 9/19/2023 1:41:00 PM
Lab ID: 2309C23-002 **Matrix:** GROUNDWA **Received Date:** 9/21/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	16	5.0		µg/L	5	9/26/2023 1:55:27 AM	R99961
Toluene	23	5.0		µg/L	5	9/26/2023 1:55:27 AM	R99961
Ethylbenzene	59	5.0		µg/L	5	9/26/2023 1:55:27 AM	R99961
Xylenes, Total	280	10		µg/L	5	9/26/2023 1:55:27 AM	R99961
Surr: 4-Bromofluorobenzene	112	52.4-148		%Rec	5	9/26/2023 1:55:27 AM	R99961

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309C23**
Date Reported: **9/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW-6
Project: Dogie CS **Collection Date:** 9/19/2023 1:20:00 PM
Lab ID: 2309C23-003 **Matrix:** GROUNDWA **Received Date:** 9/21/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	1400	50		µg/L	50	9/26/2023 2:19:01 AM	R99961
Toluene	ND	50		µg/L	50	9/26/2023 2:19:01 AM	R99961
Ethylbenzene	520	50		µg/L	50	9/26/2023 2:19:01 AM	R99961
Xylenes, Total	2500	100		µg/L	50	9/26/2023 2:19:01 AM	R99961
Surr: 4-Bromofluorobenzene	104	52.4-148		%Rec	50	9/26/2023 2:19:01 AM	R99961

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309C23**
Date Reported: **9/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW-7
Project: Dogie CS **Collection Date:** 9/19/2023 2:00:00 PM
Lab ID: 2309C23-004 **Matrix:** GROUNDWA **Received Date:** 9/21/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	47	2.0		µg/L	2	9/26/2023 2:42:32 AM	R99961
Toluene	130	2.0		µg/L	2	9/26/2023 2:42:32 AM	R99961
Ethylbenzene	21	2.0		µg/L	2	9/26/2023 2:42:32 AM	R99961
Xylenes, Total	190	4.0		µg/L	2	9/26/2023 2:42:32 AM	R99961
Surr: 4-Bromofluorobenzene	105	52.4-148		%Rec	2	9/26/2023 2:42:32 AM	R99961

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309C23**
Date Reported: **9/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW-8
Project: Dogie CS **Collection Date:** 9/19/2023 1:30:00 PM
Lab ID: 2309C23-005 **Matrix:** GROUNDWA **Received Date:** 9/21/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	1.0	P	µg/L	1	9/26/2023 3:06:01 AM	R99961
Toluene	ND	1.0	P	µg/L	1	9/26/2023 3:06:01 AM	R99961
Ethylbenzene	ND	1.0	P	µg/L	1	9/26/2023 3:06:01 AM	R99961
Xylenes, Total	ND	2.0	P	µg/L	1	9/26/2023 3:06:01 AM	R99961
Surr: 4-Bromofluorobenzene	95.2	52.4-148	P	%Rec	1	9/26/2023 3:06:01 AM	R99961

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309C23**
Date Reported: **9/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW-10
Project: Dogie CS **Collection Date:** 9/19/2023 11:37:00 AM
Lab ID: 2309C23-006 **Matrix:** GROUNDWA **Received Date:** 9/21/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	1.0		µg/L	1	9/26/2023 3:29:28 AM	R99961
Toluene	ND	1.0		µg/L	1	9/26/2023 3:29:28 AM	R99961
Ethylbenzene	ND	1.0		µg/L	1	9/26/2023 3:29:28 AM	R99961
Xylenes, Total	ND	2.0		µg/L	1	9/26/2023 3:29:28 AM	R99961
Surr: 4-Bromofluorobenzene	98.3	52.4-148		%Rec	1	9/26/2023 3:29:28 AM	R99961

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309C23**
Date Reported: **9/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW-11
Project: Dogie CS **Collection Date:** 9/19/2023 11:30:00 AM
Lab ID: 2309C23-007 **Matrix:** GROUNDWA **Received Date:** 9/21/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	1.0		µg/L	1	9/26/2023 3:52:57 AM	R99961
Toluene	ND	1.0		µg/L	1	9/26/2023 3:52:57 AM	R99961
Ethylbenzene	ND	1.0		µg/L	1	9/26/2023 3:52:57 AM	R99961
Xylenes, Total	ND	2.0		µg/L	1	9/26/2023 3:52:57 AM	R99961
Surr: 4-Bromofluorobenzene	96.5	52.4-148		%Rec	1	9/26/2023 3:52:57 AM	R99961

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309C23**
Date Reported: **9/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW-12
Project: Dogie CS **Collection Date:** 9/19/2023 12:54:00 PM
Lab ID: 2309C23-008 **Matrix:** GROUNDWA **Received Date:** 9/21/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	310	5.0		µg/L	5	9/26/2023 10:41:25 AM	R99961
Toluene	86	2.0		µg/L	2	9/26/2023 4:16:25 AM	R99961
Ethylbenzene	5.2	2.0		µg/L	2	9/26/2023 4:16:25 AM	R99961
Xylenes, Total	30	4.0		µg/L	2	9/26/2023 4:16:25 AM	R99961
Surr: 4-Bromofluorobenzene	98.3	52.4-148		%Rec	2	9/26/2023 4:16:25 AM	R99961

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309C23**
Date Reported: **9/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW-13
Project: Dogie CS **Collection Date:** 9/19/2023 2:04:00 PM
Lab ID: 2309C23-009 **Matrix:** GROUNDWA **Received Date:** 9/21/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	34	1.0		µg/L	1	9/26/2023 5:03:16 AM	R99961
Toluene	ND	1.0		µg/L	1	9/26/2023 5:03:16 AM	R99961
Ethylbenzene	ND	1.0		µg/L	1	9/26/2023 5:03:16 AM	R99961
Xylenes, Total	ND	2.0		µg/L	1	9/26/2023 5:03:16 AM	R99961
Surr: 4-Bromofluorobenzene	103	52.4-148		%Rec	1	9/26/2023 5:03:16 AM	R99961

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309C23**
Date Reported: **9/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW-15
Project: Dogie CS **Collection Date:** 9/19/2023 12:45:00 PM
Lab ID: 2309C23-010 **Matrix:** GROUNDWA **Received Date:** 9/21/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	2.0	D P	µg/L	2	9/26/2023 5:26:38 AM	R99961
Toluene	ND	2.0	D P	µg/L	2	9/26/2023 5:26:38 AM	R99961
Ethylbenzene	ND	2.0	D P	µg/L	2	9/26/2023 5:26:38 AM	R99961
Xylenes, Total	ND	4.0	D P	µg/L	2	9/26/2023 5:26:38 AM	R99961
Surr: 4-Bromofluorobenzene	100	52.4-148	D P	%Rec	2	9/26/2023 5:26:38 AM	R99961

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309C23**
Date Reported: **9/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW-16
Project: Dogie CS **Collection Date:** 9/19/2023 1:00:00 PM
Lab ID: 2309C23-011 **Matrix:** GROUNDWA **Received Date:** 9/21/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	1.0	P	µg/L	1	9/26/2023 5:49:56 AM	R99961
Toluene	ND	1.0	P	µg/L	1	9/26/2023 5:49:56 AM	R99961
Ethylbenzene	ND	1.0	P	µg/L	1	9/26/2023 5:49:56 AM	R99961
Xylenes, Total	ND	2.0	P	µg/L	1	9/26/2023 5:49:56 AM	R99961
Surr: 4-Bromofluorobenzene	101	52.4-148	P	%Rec	1	9/26/2023 5:49:56 AM	R99961

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309C23**
Date Reported: **9/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW-18
Project: Dogie CS **Collection Date:** 9/19/2023 12:20:00 PM
Lab ID: 2309C23-012 **Matrix:** GROUNDWA **Received Date:** 9/21/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	2.0	D	µg/L	2	9/26/2023 6:13:21 AM	R99961
Toluene	ND	2.0	D	µg/L	2	9/26/2023 6:13:21 AM	R99961
Ethylbenzene	ND	2.0	D	µg/L	2	9/26/2023 6:13:21 AM	R99961
Xylenes, Total	ND	4.0	D	µg/L	2	9/26/2023 6:13:21 AM	R99961
Surr: 4-Bromofluorobenzene	102	52.4-148	D	%Rec	2	9/26/2023 6:13:21 AM	R99961

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309C23**
Date Reported: **9/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** MW-19
Project: Dogie CS **Collection Date:** 9/19/2023 3:42:00 PM
Lab ID: 2309C23-013 **Matrix:** GROUNDWA **Received Date:** 9/21/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	1.0	P	µg/L	1	9/26/2023 6:36:52 AM	R99961
Toluene	ND	1.0	P	µg/L	1	9/26/2023 6:36:52 AM	R99961
Ethylbenzene	ND	1.0	P	µg/L	1	9/26/2023 6:36:52 AM	R99961
Xylenes, Total	ND	2.0	P	µg/L	1	9/26/2023 6:36:52 AM	R99961
Surr: 4-Bromofluorobenzene	105	52.4-148	P	%Rec	1	9/26/2023 6:36:52 AM	R99961

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309C23**

27-Sep-23

Client: Harvest

Project: Dogie CS

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R99961**	RunNo: **99961**
Prep Date:	Analysis Date: **9/25/2023**	SeqNo: **3656424** 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			
Ethylbenzene	20	1.0	20.00	0	101	70	130			
Xylenes, Total	61	2.0	60.00	0	102	70	130			
Surr: 4-Bromofluorobenzene	20		20.00		100	52.4	148			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R99961**	RunNo: **99961**
Prep Date:	Analysis Date: **9/26/2023**	SeqNo: **3656425** 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	20		20.00		99.5	52.4	148			

Sample ID: **2309c23-001ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **MW-3**	Batch ID: **R99961**	RunNo: **99975**
Prep Date:	Analysis Date: **9/26/2023**	SeqNo: **3657825** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0.9080	102	70	130			
Toluene	21	1.0	20.00	0	105	70	130			
Ethylbenzene	29	1.0	20.00	7.746	104	70	130			
Xylenes, Total	95	2.0	60.00	34.94	100	70	130			
Surr: 4-Bromofluorobenzene	23		20.00		114	52.4	148			

Sample ID: **2309c23-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **MW-3**	Batch ID: **R99961**	RunNo: **99975**
Prep Date:	Analysis Date: **9/26/2023**	SeqNo: **3657826** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0.9080	98.3	70	130	3.26	20	
Toluene	20	1.0	20.00	0	101	70	130	3.66	20	
Ethylbenzene	28	1.0	20.00	7.746	103	70	130	1.23	20	
Xylenes, Total	94	2.0	60.00	34.94	98.2	70	130	1.20	20	
Surr: 4-Bromofluorobenzene	22		20.00		112	52.4	148	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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: Harvest | Work Order Number: 2309C23 | RcptNo: 1

Received By: Tracy Casarrubias 9/21/2023 6:10:00 AM
Completed By: Tracy Casarrubias 9/21/2023 2:04:20 PM
Reviewed By: SUM 9/22/23

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☑	No ☐	NA ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by: TMA 9/22/23

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: Mailing address and phone number are missing on COC - TMC 9/21/23

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.3	Good	Yes	Yogi		

Chain-of-Custody Record

Client: Harvest
Oakley Hayes
Mailing Address:

Phone #:
email or Fax#: oakley.hayes@harvestmidstream.com
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: Dogie CS
Project #:
Project Manager: Eric Carroll - Ensolum
Sampler: E. Carroll A Thomson
On Ice: ☒ Yes ☐ No Yoqi
# of Coolers: 1
Cooler Temp (Including CF): 4.3-0=4.3 (°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. 2309C23	(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)
9-19	1320	GW	MW-3	3VOA	HCl	001	X									
	1341		MW-5			002										
	1320		MW-6			003										
	1400		MW-7			004										
	1330		MW-8			005										
	11:37		MW-10			006										
	11:30		MW-11			007										
	12:54		MW-12			008										
	1404		MW-13			009										
	1245		MW-15			010										
	1300		MW-16			011										
	1220		MW-18			012										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
9-19	1400			Courier		6:10
Date:	Time:	Relinquished by:	Received by:	Via:	9/21/23 Date	Time

Remarks:
CC: ecarroll@ensolum.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.

Chain-of-Custody Record

Client: Harvest

~~Monica~~ S Oakley Hayes

Mailing Address:

Phone #:

email or Fax#: Oakley.hayes@harvestmidstream.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Dogie CS

Project #:

Project Manager: Eric Carroll

Sampler: E. Carroll / A. Thomsen

On Ice: ☒ Yes ☐ No 4oqi

# of Coolers: 1

Cooler Temp(Including CF): 4.3 - 0 = 4.3 (°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. 2309C23	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)
9-19	15:42	GW	MW-19	3 VOA	HCl	013	X									

Date:	Time:	Relinquished by:	Received by:	Via: courier	Date	Time
9-20	1400				9/21/23	6:10
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks:

cc: ecarroll@ensolum.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 328116

CONDITIONS

Operator:	OGRID:
Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	373888
	Action Number: 328116
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Annual Groundwater Report: Content Satisfactory 1. Continue to collect samples on a semi-annual basis for BTEX and address options for remediation effort. 2. Complete installation of additional monitoring wells as the site and obtain permit(s) from the OSE. Please upload all permits into the incident file in the online permitting site for OCD. 3. Submit 2024 Annual Groundwater Monitoring report to OCD by April 1, 2025.	5/13/2024