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By Nelson Velez at 2:31 pm, Nov 28, 2022



March 28, 2022

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

Subject: 2021 Annual Groundwater Report

Dogie East Pit

Remediation Permit Number 3RP-312-0 Incident # nAUTOfAB000124

Rio Arriba County, New Mexico

Dear Mr. Hayes:

satisfactory Continue with future work stated within 2021 Annual

Review of the

Groundwater Report.

2021 Annual Groundwater

Report: Content

- 2. Groundwater samples will be collected semi-annually and analyzed for BTEX from monitoring wells MW-10 through MW-20, and annually from MW-3, SVE-4, MW-5, MW-6, MW-7, and MW-8 if there is sufficient water and/or no PSH is present.
- Continue operating the PSH recovery system on monitoring wells MW-6 and MW-7 without rotating the system to other locations until measurable product is not present.
- Continue to utilize passive PSH recovery methods on any other wells where observable PSH levels is encountered.
- Continue with PSH bailing and product absorbent sock replacement during monthly O&M visits for the solar powered pneumatic PSH recovery system.
- Once the PSH plume has been remediated, assess options to address dissolve phase groundwater impacts.
- 7. Submit the next annual monitoring report no later than March 31, 2023.

On behalf of Harvest Four Corners, LLC (Harvest), WSP USA Inc. (WSP) presents this annual report for activities conducted at the Dogie East Pit (Site), Remediation Permit Number 3RP-312-0, between January and December 2021. The scope of work for this project was continued remediation and monitoring of petroleum hydrocarbon impacts to groundwater resulting from operations of a former lined pit used to collect drip gas and water from a condensate tank.

INTRODUCTION

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 MW-1, MW-2, MW-3, and MW-4 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 MW-6, MW-7, MW-8, and MW-9 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 MW-6. Monitoring well MW-4 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 MW-9 was plugged and abandoned on October 13, 2013, due to its location outside the existing extent of impacted groundwater. Williams installed four new

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downgradient monitoring wells (MW-10, MW-11, MW-12, and MW-13) on October 13, 2013, to further delineate the impacted groundwater plume.

On September 13, 2013, Williams collected a sample of PSH from monitoring well MW-6 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 MW-6 to assess potential product recovery options. Much of the accumulated PSH was removed during the bail-down test.

Williams installed monitoring wells MW-14, MW-15, and MW-16 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 MW-6. 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 MW-6. An additional PSH recovery pump was installed in monitoring well MW-7 in August 2020.

METHODOLOGY

SCOPE OF WORK

Groundwater monitoring activities consisted of:

- Monitoring for PSH in all monitoring wells on a quarterly basis;
- Removing PSH from monitoring wells through active and passive recovery techniques;
- Conducting bi-weekly to monthly site visits for operation and maintenance (O&M) of the solar powered pneumatic PSH recovery system; and
- Collecting groundwater samples semi-annually in monitoring wells MW-10 through MW-20 and annually in monitoring wells MW-3, MW-5, MW-6, MW-7, MW-8, and SVE-4.

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 AlconoxTM soap and rinsed with distilled water prior to each measurement.

GROUNDWATER CONTOUR MAPS

WSP used existing top-of-casing well elevations and measured groundwater elevations to draft groundwater contours and determine groundwater flow direction in March 2021 (Figure 2), May 2021 (Figure 3), August 2021 (Figure 4), and December 2021 (Figure 5). Contours were inferred based on groundwater elevations obtained and observations of physical characteristics at the Site (topography, proximity to irrigation ditches, etc.).

GROUNDWATER SAMPLING

In March 2021 and August 2021, the monitoring wells were purged using new disposable 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 that 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 (\pm) 0.4 units for pH, \pm 10 percent (%) for EC, and \pm 2 degrees (°) Celsius for temperature). Purge water was containerized and disposed of on site. Copies of the field notes are presented in Enclosure 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 air inside 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

In March 2018, WSP installed a solar powered pneumatic PSH recovery system in monitoring well MW-6. The pump utilizes a hydrophobic and oleophilic skimmer that floats on the water column to remove PSH from the water-PSH interface. The system cycles between vacuum and pressure to pneumatically move PSH to the surface, where it is containerized. A delay between pumping cycles allows for recharge of fluids in the monitoring well and prevents over-pumping to efficiently use the power generated from the solar panel. Bi-weekly to monthly site visits were conducted in 2021 to monitor system performance, PSH recovery, and conduct system O&M. During each inspection PSH thickness and PSH recovery were recorded. An additional PSH recovery pump was installed in MW-7 in August 2020. If PSH was observed in any monitoring wells that did not have an active PSH recovery pump installed, PSH was manually bailed from the monitoring well until no visible product could be recovered. Afterwards, a PSH absorbent sock was placed into the monitoring well.

RESULTS

Depth to groundwater and depth to PSH were measured during the 2021 quarterly monitoring events. Depth to groundwater ranged from 8.69 feet below top of casing (BTOC) in MW-20 in March 2021 to 18.53 feet BTOC in MW-6 in May 2021. Depth to water and PSH are summarized in Table 1. Product thickness was observed in monitoring wells MW-6 and MW-7 in March 2021, June 2021, September 2021, and December 2021. Product thickness in MW-6 ranged from 0.29 feet in December 2021 to 1.06 feet in May 2021. Product thickness in MW-7 ranged from 0.09 feet in December 2021 to 0.83 feet in March 2021. Product thickness was also observed in monitoring wells MW-5 and MW-12 in March 2021, with thickness of 0.18 feet and 0.03 feet, respectively. Product was observed in monitoring wells MW-3, MW-5, and MW-12 in August 2021 with trace amounts in MW-3 and MW-12 and 0.03 feet in MW-5.

Groundwater flow direction was determined to be north-northeast on the eastern portion of the Site and west-northwest at the central and western portion of 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 2021
 - Caboratory analytical results indicated benzene concentrations in groundwater in monitoring wells MW-12 and MW-15 exceeded the NMWQCC standard of 5 micrograms per liter (μg/L) with concentrations of 120 μg/L and 8.6 μg/L, respectively.
- August 2021:
 - Analytical results indicate benzene concentrations in groundwater exceeded the NMWQCC standard in monitoring wells MW-15 and MW-16 with concentrations of 14 μg/L and 110 μg/L, respectively.
 - Monitoring wells MW-13 and MW-19 exhibited benzene concentrations of 3.5 μg/L and 3.4 μg/L, respectively, which were within compliance of the NMWQCC standard.
 - Monitoring wells MW-12 and MW-20 exhibited total xylene concentrations in the August 2021 sampling event that were in compliance with the applicable NMWQCC groundwater standards.

Concentrations of all other constituents of concern were not detected above their respective laboratory reporting limits during either sampling event in 2021. Analytical results are listed in Table 2 and presented on Figures 2 and 4. Laboratory analytical reports are included in Enclosure B.

Throughout 2021, an estimated 13.04 gallons and 4.67 gallons of product were recovered from MW-6 and MW-7, respectively, from the solar powered pneumatic PSH recovery system. Since installation of the product recovery system in March 2018, an estimated total of 29.51 gallons and 7.98 gallons of product have been recovered between



monitoring wells MW-6 and MW07, respectively, for a total of 37.49 gallons. PSH recovery volumes, operational data, and system maintenance data are summarized on Table 3 and 4.

CONCLUSION

PSH continues to accumulate in monitoring wells MW-6 and MW-7, which are cross- and downgradient of the original source area, respectively. The solar powered pneumatic PSH recovery system was re-installed in MW-6 in March 2020, and an additional recovery pump was added to MW-7 in August 2020. Approximately 13.04 gallons of PSH were recovered from monitoring well MW-6 and 4.67 gallons from monitoring well MW-7 through solar powered pneumatic PSH recovery system in 2021. Measured PSH thickness in monitoring well MW-6 ranged from 0.29 feet to 1.06 feet and 0.09 feet to 0.83 feet in monitoring well MW-7. PSH was also observed in monitoring wells MW-3, MW-5, and MW-12 periodically through 2021.

Groundwater samples from monitoring wells MW-12, MW-15 and MW-16 exhibited benzene concentrations exceeding the NMWQCC standard for groundwater. Groundwater samples MW-10, MW-11, MW-13, MW-14, MW-15, MW-16, MW-17, MW-19, and MW-20 did not exceed NMWQCC standards.

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 MW-10 through MW-20, and annually from MW-3, SVE-4, MW-5, MW-6, MW-7, and MW-8 if there is sufficient water and/or no PSH is present. Harvest will continue operating the PSH recovery system on monitoring wells MW-6 and MW-7 without rotating the system to other locations until measurable product is not present. Harvest will additionally use passive PSH recovery methods on any other wells where observable PSH levels is encountered. Passive PSH recovery will consist of monthly PSH bailing and product absorbent sock replacement during monthly O&M visits for the solar powered pneumatic PSH recovery system. Once the PSH plume has been remediated, Harvest will assess options to address dissolve phase groundwater impacts.

Kind regards,

Danny Burns

Consultant, Geologist

Brooke Herb

Senior Consultant, Geologist

Enclosed:

Figure 1: Site Location Map

Figure 3: Groundwater Elevations and Analytical Results (March 2021)

Figure 4: Groundwater Elevations (June 2021)

Figure 5: Groundwater Elevations and Analytical Results (September 2021)

Figure 6: Groundwater Elevations (December 2021)

Table 1: Groundwater Elevation Summary

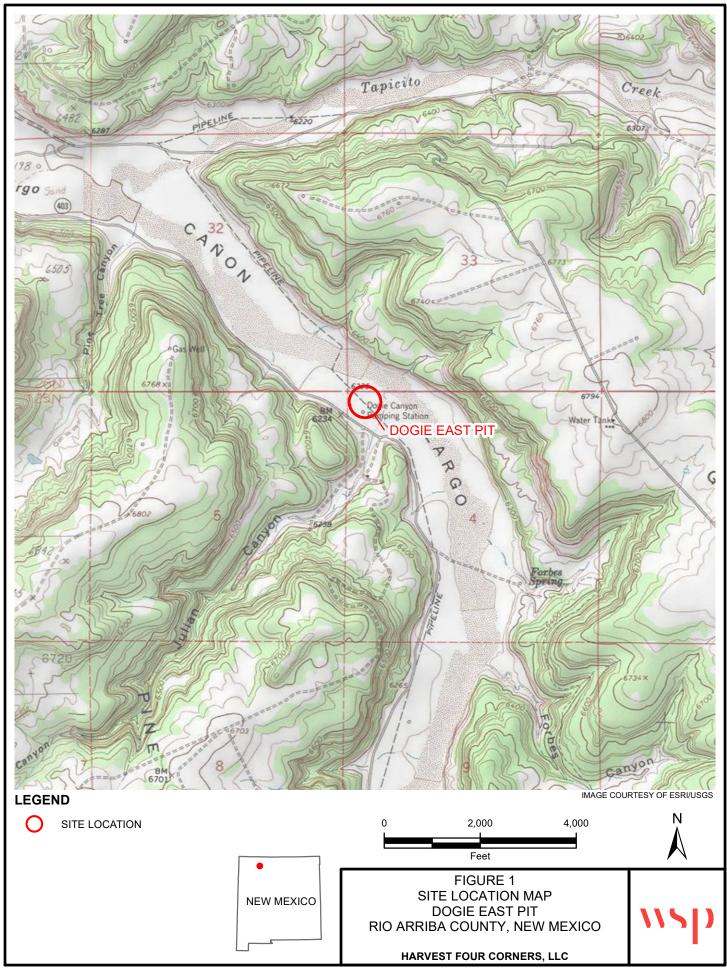
Table 2: Groundwater Analytical Results

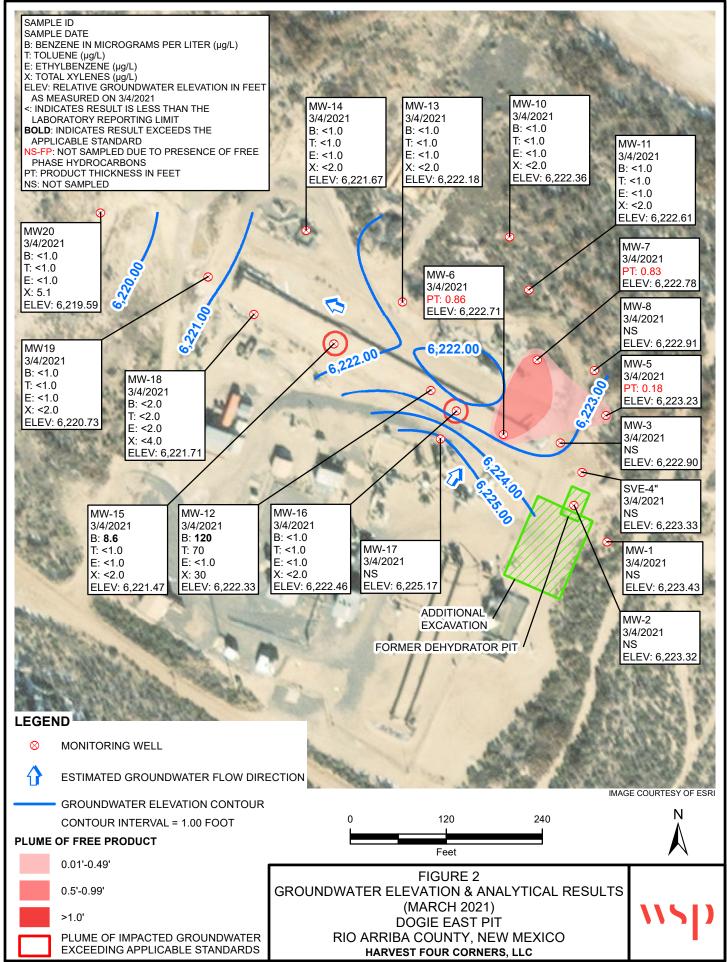
Table 3: Pneumatic Product Recovery System Data – MW-6

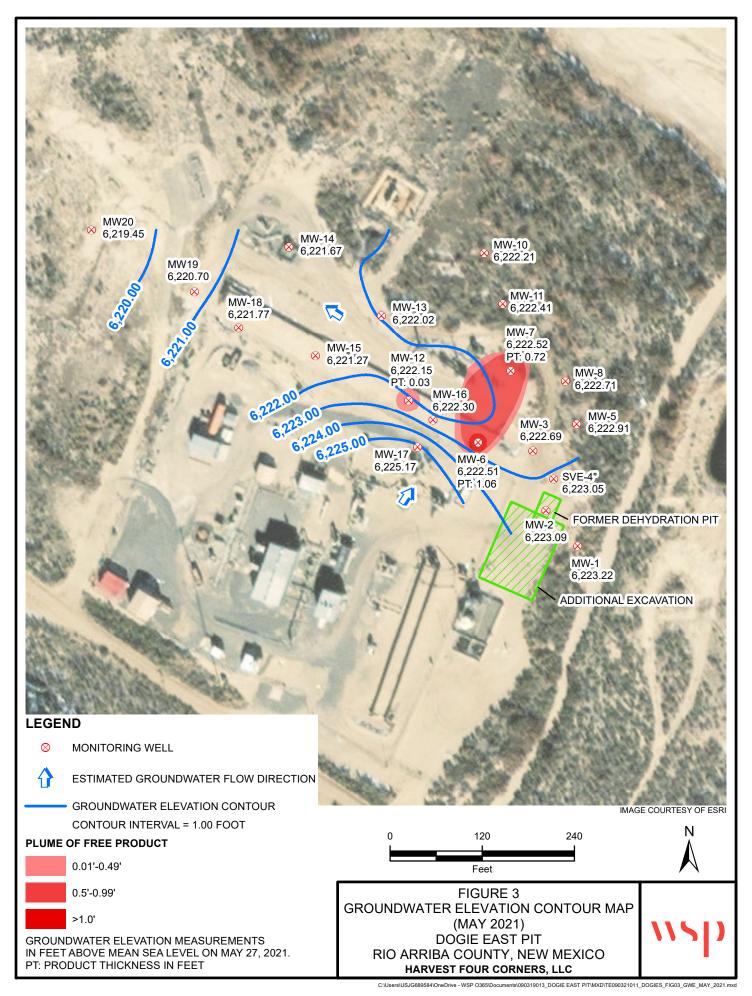
Table 4: Pneumatic Product Recovery System Data – MW-7

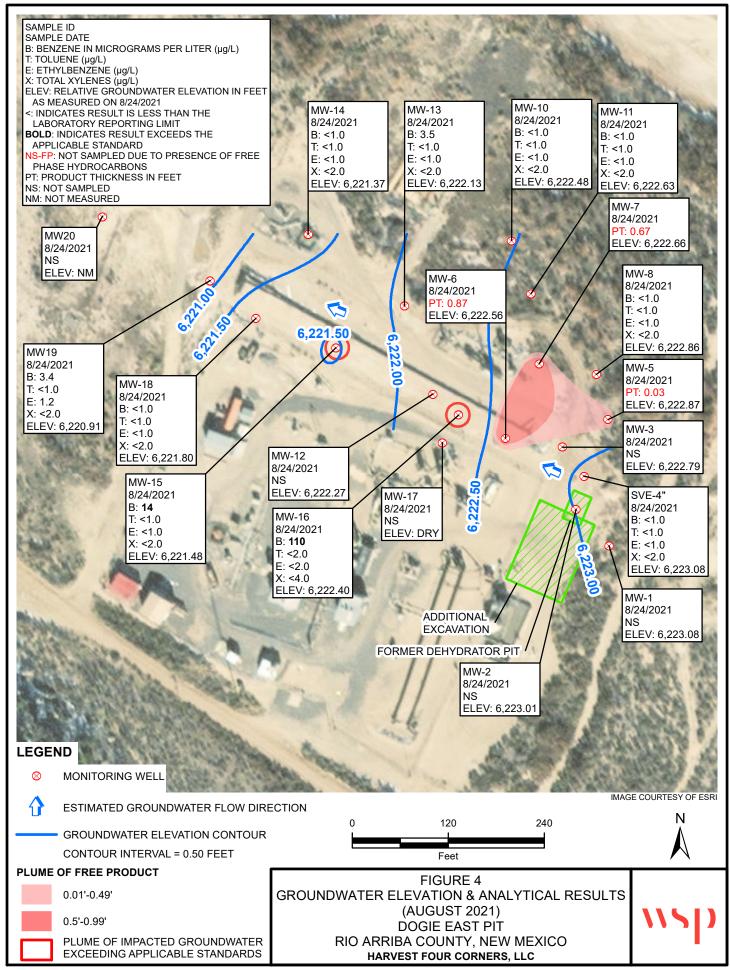
Enclosure A: 2021 Sample Collection Forms Enclosure B: Laboratory Analytical Reports

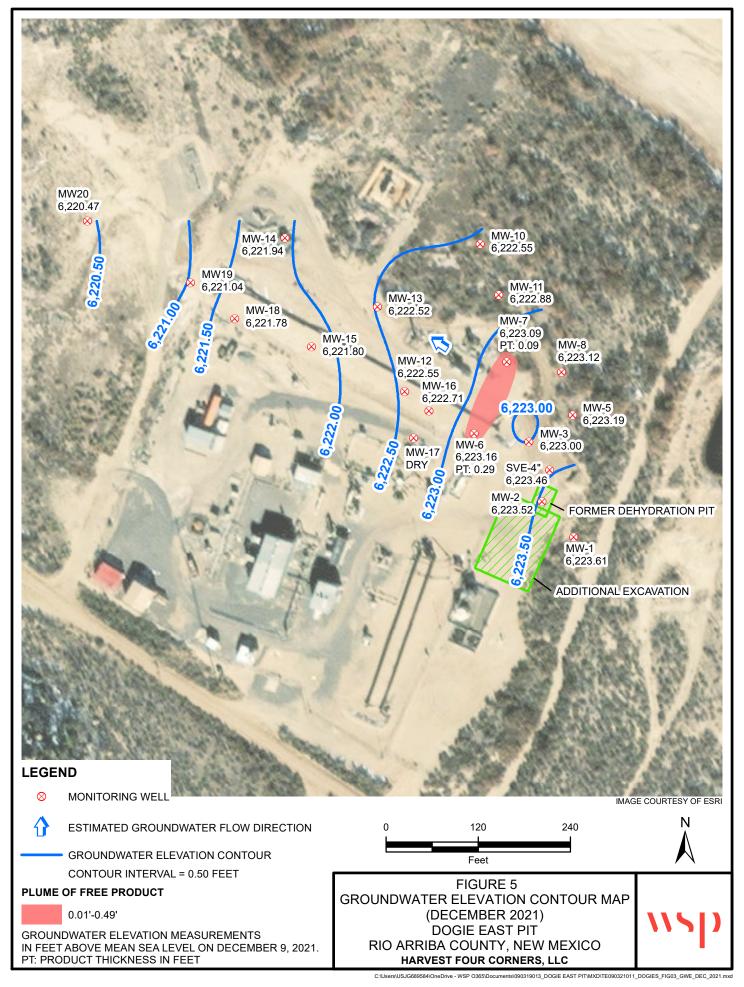
FIGURES











TABLES

TABLE 1

Well ID	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-1	3/6/2013	6,253.79	15.45	NP	NP	6,238.34
MW-1*	6/25/2013	6,239.41	15.64	NP	NP	6,223.77
MW-1	9/24/2013	6,239.41	14.88	NP	NP	6,224.53
MW-1	12/5/2013	6,239.41	14.63	NP	NP	6,224.78
MW-1	3/20/2014	6,239.41	14.26	NP	NP	6,225.15
MW-1	6/16/2014	6,239.41	15.01	NP	NP	6,224.40
MW-1	9/10/2014	6,239.41	15.11	NP	NP	6,224.30
MW-1	12/3/2014	6,239.41	14.80	NP	NP	6,224.61
MW-1	3/5/2015	6,239.41	14.09	NP	NP	6,225.32
MW-1	6/18/2015	6,239.41	14.52	NP	NP	6,224.89
MW-1	9/23/2015	6,239.41	14.92	NP	NP	6,224.49
MW-1	12/18/2015	6,239.41	14.46	NP	NP	6,224.95
MW-1	9/12/2016	6,239.41	15.42	NP	NP	6,223.99
MW-1	3/28/2017	6,239.41	14.23	NP	NP	6,225.18
MW-1**	10/30/2017	6,239.14	14.69	NP	NP	6,224.45
MW-1	3/28/2018	6,239.14	14.45	NP	NP	6,224.69
MW-1	9/14/2018	6,239.14	16.18	NP	NP	6,222.96
MW-1	3/28/2019	6,239.14	15.54	NP	NP	6,223.60
MW-1	5/16/2019	6,239.14	14.65	NP	NP	6,224.49
MW-1	8/13/2019	6,239.14	15.69	NP	NP	6,223.45
MW-1***	9/23/2019	6,239.58	16.04	NP	NP	6,223.54
MW-1	3/18/2020	6,239.58	15.35	NP	NP	6,224.23
MW-1	6/11/2020	6,239.58	15.91	NP	NP	6,223.67
MW-1	9/22/2020	6,239.58	16.58	NP	NP	6,223.00
MW-1	12/18/2020	6,239.58	16.32	NP	NP	6,223.26
MW-1	3/4/2021	6,239.58	16.15	NP	NP	6,223.43
MW-1	5/27/2021	6,239.58	16.36	NP	NP	6,223.22
MW-1	8/24/2021	6,239.58	16.50	NP	NP	6,223.08
MW-1	12/9/2021	6,239.58	15.97	NP	NP	6,223.61
MW-2	3/6/2013	6,253.92	15.50	NP	NP	6,238.42
MW-2*	6/25/2013	6,239.57	15.93	NP	NP	6,223.64
MW-2	9/24/2013	6,239.57	15.54	NP	NP	6,224.03
MW-2	12/5/2013	6,239.57	14.90	NP	NP	6,224.67
MW-2	3/20/2014	6,239.57	14.58	NP	NP	6,224.99
MW-2	6/16/2014	6,239.57	15.33	NP	NP	6,224.24

TABLE 1

Well ID	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-2	9/10/2014	6,239.57	15.45	NP	NP	6,224.12
MW-2	12/3/2014	6,239.57	15.09	NP	NP	6,224.48
MW-2	3/5/2015	6,239.57	14.25	NP	NP	6,225.32
MW-2	6/18/2015	6,239.57	14.81	NP	NP	6,224.76
MW-2	9/23/2015	6,239.57	15.17	NP	NP	6,224.40
MW-2	12/18/2015	6,239.57	14.69	NP	NP	6,224.88
MW-2	9/12/2016	6,239.57	15.40	NP	NP	6,224.17
MW-2	3/28/2017	6,239.57	14.58	NP	NP	6,224.99
MW-2**	10/30/2017	6,239.28	15.20	NP	NP	6,224.08
MW-2	3/28/2018	6,239.28	14.71	NP	NP	6,224.57
MW-2	9/14/2018	6,239.28	16.10	NP	NP	6,223.18
MW-2	3/28/2019	6,239.28	14.81	NP	NP	6,224.47
MW-2	5/16/2019	6,239.28	14.93	NP	NP	6,224.35
MW-2	8/13/2019	6,239.28	15.92	NP	NP	6,223.36
MW-2***	9/23/2019	6,239.74	16.33	NP	NP	6,223.41
MW-2	3/18/2020	6,239.74	15.64	NP	NP	6,224.10
MW-2	6/11/2020	6,239.74	16.21	NP	NP	6,223.53
MW-2	9/22/2020	6,239.74	16.86	NP	NP	6,222.88
MW-2	12/18/2020	6,239.74	16.62	NP	NP	6,223.12
MW-2	3/4/2021	6,239.74	16.42	NP	NP	6,223.32
MW-2	5/27/2021	6,239.74	16.65	NP	NP	6,223.09
MW-2	8/24/2021	6,239.74	16.73	NP	NP	6,223.01
MW-2	12/9/2021	6,239.74	16.22	NP	NP	6,223.52
MW-3	3/6/2013	6,253.35	15.40	NP	NP	6,237.95
MW-3*	6/25/2013	6,238.61	15.25	NP	NP	6,223.36
MW-3	9/24/2013	6,238.61	15.05	NP	NP	6,223.56
MW-3	12/5/2013	6,238.61	14.29	NP	NP	6,224.32
MW-3	3/20/2014	6,238.61	13.96	NP	NP	6,224.65
MW-3	6/16/2014	6,238.61	14.67	NP	NP	6,223.94
MW-3	9/10/2014	6,238.61	14.79	NP	NP	6,223.82
MW-3	12/3/2014	6,238.61	14.50	NP	NP	6,224.11
MW-3	3/5/2015	6,238.61	13.67	NP	NP	6,224.94
MW-3	6/18/2015	6,238.61	14.14	NP	NP	6,224.47
MW-3	9/23/2015	6,238.61	15.59	NP	NP	6,223.02
MW-3	12/18/2015	6,238.61	14.12	NP	NP	6,224.49

TABLE 1

Well ID	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-3	9/12/2016	6,238.61	15.50	NP	NP	6,223.11
MW-3	3/28/2017	6,238.61	14.22	NP	NP	6,224.39
MW-3**	10/30/2017	6,238.28	14.60	NP	NP	6,223.68
MW-3	3/28/2018	6,238.28	14.08	NP	NP	6,224.20
MW-3	9/14/2018	6,238.28	15.44	NP	NP	6,222.84
MW-3	3/28/2019	6,238.28	14.31	NP	NP	6,223.97
MW-3	5/16/2019	6,238.28	14.27	NP	NP	6,224.01
MW-3	8/13/2019	6,238.28	15.32	NP	NP	6,222.96
MW-3***	9/23/2019	6,238.79	15.74	NP	NP	6,223.05
MW-3	3/18/2020	6,238.79	15.08	NP	NP	6,223.71
MW-3	6/11/2020	6,238.79	15.59	NP	NP	6,223.20
MW-3	9/22/2020	6,238.79	16.30	16.22	0.08	6,222.55
MW-3	12/18/2020	6,238.79	16.09	NP	NP	6,222.70
MW-3	3/4/2021	6,238.79	15.89	NP	NP	6,222.90
MW-3	5/27/2021	6,238.79	16.10	NP	NP	6,222.69
MW-3	8/24/2021	6,238.79	16.00	Trace	NP	6,222.79
MW-3	12/9/2021	6,238.79	15.79	NP	NP	6,223.00
MW-4	3/6/2013	DEST	DEST	DEST	DEST	DEST
MW-5	3/6/2013	6,252.71	14.60	NP	NP	6,238.11
MW-5*	6/25/2013	6,238.48	14.96	NP	NP	6,223.52
MW-5	9/24/2013	6,238.48	14.35	NP	NP	6,224.13
MW-5	12/5/2013	6,238.48	13.94	NP	NP	6,224.54
MW-5	3/20/2014	6,238.48	13.63	NP	NP	6,224.85
MW-5	6/16/2014	6,238.48	14.39	NP	NP	6,224.09
MW-5	9/10/2014	6,238.48	14.61	NP	NP	6,223.87
MW-5	12/3/2014	6,238.48	14.15	14.15†	< 0.01	6,224.33
MW-5	3/5/2015	6,238.48	13.32	13.32†	< 0.01	6,225.16
MW-5	6/18/2015	6,238.48	13.88	NP	NP	6,224.60
MW-5	9/23/2015	6,238.48	14.30	NP	NP	6,224.18
MW-5	12/18/2015	6,238.48	13.74	NP	NP	6,224.74
MW-5	9/12/2016	6,238.48	14.83	NP	NP	6,223.65
MW-5	3/28/2017	6,238.48	13.57	NP	NP	6,224.91
MW-5**	10/30/2017	6,238.19	14.08	NP	NP	6,224.11
MW-5	3/28/2018	6,238.19	13.82	NP	NP	6,224.37

TABLE 1

Well ID	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-5	9/14/2018	6,238.19	15.20	NP	NP	6,222.99
MW-5	3/28/2019	6,238.19	13.91	NP	NP	6,224.28
MW-5	5/16/2019	6,238.19	13.94	NP	NP	6,224.25
MW-5	8/13/2019	6,238.19	15.54	NP	NP	6,222.65
MW-5***	9/23/2019	6,238.65	15.68	NP	NP	6,222.97
MW-5	3/18/2020	6,238.65	14.75	NP	NP	6,223.90
MW-5	6/11/2020	6,238.65	15.23	NP	NP	6,223.42
MW-5	9/22/2020	6,238.65	16.07	15.89	0.18	6,222.72
MW-5	12/18/2020	6,238.65	15.89	15.74	0.15	6,222.88
MW-5	3/4/2021	6,238.65	15.56	15.74	0.18	6,223.23
MW-5	5/27/2021	6,238.65	15.74	NP	NP	6,222.91
MW-5	8/24/2021	6,238.65	15.80	15.77	0.03	6,222.87
MW-5	12/9/2021	6,238.65	15.46	NP	NP	6,223.19
MW-6	3/6/2013	6,254.09	16.68	15.95	0.73	6,237.99
MW-6*	6/25/2013	6,240.01	17.51	16.67	0.84	6,223.17
MW-6	9/24/2013	6,240.01	16.88	16.03	0.85	6,223.81
MW-6	12/5/2013	6,240.01	16.18	15.80	0.38	6,224.13
MW-6	3/20/2014	6,240.01	15.59	15.56	0.03	6,224.44
MW-6	6/16/2014	6,240.01	16.30	16.28	0.02	6,223.73
MW-6	9/10/2014	6,240.01	16.39	NP	NP	6,223.62
MW-6	12/3/2014	6,240.01	16.08	16.07	0.01	6,223.93
MW-6	3/5/2015	6,240.01	15.21	15.21†	< 0.01	6,224.80
MW-6	6/18/2015	6,240.01	15.79	15.79†	< 0.01	6,224.22
MW-6	9/23/2015	6,240.01	16.19	NP	NP	6,223.82
MW-6	12/18/2015	6,240.01	15.68	NP	NP	6,224.33
MW-6	9/12/2016	6,240.01	16.81	16.70	0.11	6,223.20
MW-6	3/28/2017	6,240.01	15.49	NP	NP	6,224.52
MW-6**	10/30/2017	6,239.72	16.54	15.95	0.59	6,223.18
MW-6	3/28/2017	6,239.72	PRS	PRS	PRS	PRS
MW-6	9/14/2018	6,239.72	17.10	17.06	0.04	6,222.65
MW-6	3/28/2019	6,239.72	15.90	NP	NP	6,223.82
MW-6	5/16/2019	6,239.72	15.98	NP	NP	6,223.74
MW-6	8/13/2019	6,239.72	21.90	NP	NP	6,217.82
MW-6***	9/23/2019	6,240.19	17.53	17.37	0.16	6,222.79
MW-6	3/18/2020	6,240.19	17.21	16.6	0.61	6,223.47

TABLE 1

Well ID	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-6	6/11/2020	6,240.19	18.20	17.03	1.17	6,222.93
MW-6	9/22/2020	6,240.19	19.30	17.51	1.79	6,222.32
MW-6	12/18/2020	6,240.19	18.76	17.44	1.32	6,222.49
MW-6	3/4/2021	6,240.19	18.17	17.31	0.86	6,222.71
MW-6	5/27/2021	6,240.19	18.53	17.47	1.06	6,222.51
MW-6	8/24/2021	6,240.19	18.33	17.46	0.87	6,222.56
MW-6	12/9/2021	6,240.19	17.26	16.97	0.29	6,223.16
MW-7	3/6/2013	6,250.65	12.61	NP	NP	6,238.04
MW-7*	6/25/2013	6,236.53	13.40	NP	NP	6,223.13
MW-7	9/24/2013	6,236.53	12.71	12.67	0.04	6,223.85
MW-7	12/5/2013	6,236.53	12.34	NP	NP	6,224.19
MW-7	3/20/2014	6,236.53	12.05	NP	NP	6,224.48
MW-7	6/16/2014	6,236.53	12.84	NP	NP	6,223.69
MW-7	9/10/2014	6,236.53	12.89	NP	NP	6,223.64
MW-7	12/3/2014	6,236.53	12.58	NP	NP	6,223.95
MW-7	2/25/2015	6,236.53	12.27	NP	NP	6,224.26
MW-7	3/5/2015	6,236.53	11.68	NP	NP	6,224.85
MW-7	6/18/2015	6,236.53	12.34	NP	NP	6,224.19
MW-7	9/23/2015	6,236.53	12.68	NP	NP	6,223.85
MW-7	12/18/2015	6,236.53	12.17	NP	NP	6,224.36
MW-7	9/12/2016	6,236.53	13.25	NP	NP	6,223.28
MW-7	3/28/2017	6,236.53	12.05	NP	NP	6,224.48
MW-7**	10/30/2017	6,236.27	12.55	NP	NP	6,223.72
MW-7	3/28/2018	6,236.27	12.24	NP	NP	6,224.03
MW-7	9/14/2018	6,236.27	13.60	NP	NP	6,222.67
MW-7	3/28/2019	6,236.27	12.30	12.25	0.05	6,224.01
MW-7	5/16/2019	6,236.27	12.37	NP	NP	6,223.90
MW-7	8/13/2019	6,236.27	13.89	NP	NP	6,222.38
MW-7***	9/23/2019	6,236.71	14.42	13.56	0.86	6,222.98
MW-7	3/18/2020	6,236.71	13.48	13.15	0.33	6,223.49
MW-7	6/11/2020	6,236.71	14.35	13.48	0.87	6,223.06
MW-7	9/22/2020	6,236.71	15.21	14.06	1.15	6,222.42
MW-7	12/18/2020	6,236.71	15.02	13.9	1.12	6,222.59
MW-7	3/4/2021	6,236.71	14.59	13.76	0.83	6,222.78
MW-7	5/27/2021	6,236.71	14.77	14.05	0.72	6,222.52

TABLE 1

Well ID	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-7	8/24/2021	6,236.71	14.59	13.92	0.67	6,222.66
MW-7	12/9/2021	6,236.71	13.69	13.6	0.09	6,223.09
MW-8	3/6/2013	6,249.10	11.88	NP	NP	6,237.22
MW-8*	6/25/2013	6,235.85	12.55	NP	NP	6,223.30
MW-8	9/24/2013	6,235.85	11.84	NP	NP	6,224.01
MW-8	12/5/2013	6,235.85	11.52	NP	NP	6,224.33
MW-8	3/18/2014	6,235.85	11.20	NP	NP	6,224.65
MW-8	6/16/2014	6,235.85	12.04	NP	NP	6,223.81
MW-8	9/10/2014	6,235.85	12.11	NP	NP	6,223.74
MW-8	12/3/2014	6,235.85	11.73	NP	NP	6,224.12
MW-8	3/5/2015	6,235.85	10.87	NP	NP	6,224.98
MW-8	6/18/2015	6,235.85	11.54	NP	NP	6,224.31
MW-8	9/23/2015	6,235.85	11.85	NP	NP	6,224.00
MW-8	12/18/2015	6,235.85	11.33	NP	NP	6,224.52
MW-8	9/12/2016	6,235.85	12.56	NP	NP	6,223.29
MW-8	3/28/2017	6,235.85	11.20	NP	NP	6,224.65
MW-8**	10/30/2017	6,235.58	11.74	NP	NP	6,223.84
MW-8	3/28/2018	6,235.58	11.44	NP	NP	6,224.14
MW-8	9/14/2018	6,235.58	12.72	NP	NP	6,222.86
MW-8	3/28/2019	6,235.58	Dry	NP	NP	Dry
MW-8	5/16/2019	6,235.58	11.60	NP	NP	6,223.98
MW-8	8/13/2019	6,235.58	12.53	NP	NP	6,223.05
MW-8***	9/23/2019	6,236.01	12.98	NP	NP	6,223.03
MW-8	3/18/2020	6,236.01	12.30	NP	NP	6,223.71
MW-8	6/11/2020	6,236.01	12.85	NP	NP	6,223.16
MW-8	9/22/2020	6,236.01	13.46	NP	NP	6,222.55
MW-8	12/18/2020	6,236.01	13.29	NP	NP	6,222.72
MW-8	3/4/2021	6,236.01	13.10	NP	NP	6,222.91
MW-8	5/27/2021	6,236.01	13.30	NP	NP	6,222.71
MW-8	8/24/2021	6,236.01	13.15	NP	NP	6,222.86
MW-8	12/9/2021	6,236.01	12.89	NP	NP	6,223.12
MW-9	3/6/2013	6,243.67	8.01	NP	NP	6,235.66
MW-9*	6/25/2013	6,229.03	8.67	NP	NP	6,220.36
MW-9	9/24/2013	6,229.03	NM	NM	NM	NM

TABLE 1

Well ID	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-9	12/5/2013	P/A	P/A	P/A	P/A	P/A
SVE-4"	3/6/2013	6,253.41	15.14	NP	NP	6,238.27
SVE-4"*	6/25/2013	6,239.22	15.60	NP	NP	6,223.62
SVE-4"	9/24/2013	6,239.22	14.83	NP	NP	6,224.39
SVE-4"	12/5/2013	6,239.22	14.56	NP	NP	6,224.66
SVE-4"	3/20/2014	6,239.22	14.19	NP	NP	6,225.03
SVE-4"	6/16/2014	6,239.22	14.99	NP	NP	6,224.23
SVE-4"	9/10/2014	6,239.22	15.05	NP	NP	6,224.17
SVE-4"	12/3/2014	6,239.22	14.71	NP	NP	6,224.51
SVE-4"	3/5/2015	6,239.22	13.86	NP	NP	6,225.36
SVE-4"	6/18/2015	6,239.22	14.49	NP	NP	6,224.73
SVE-4"	9/23/2015	6,239.22	14.89	NP	NP	6,224.33
SVE-4"	12/18/2015	6,239.22	14.34	NP	NP	6,224.88
SVE-4"	9/12/2016	6,239.22	15.78	NP	NP	6,223.44
SVE-4"	3/28/2017	6,239.22	14.18	NP	NP	6,225.04
SVE-4"**	10/30/2017	6,238.94	14.74	NP	NP	6,224.20
SVE-4"	3/28/2018	6,238.94	14.36	NP	NP	6,224.58
SVE-4"	9/14/2018	6,238.94	15.74	NP	NP	6,223.20
SVE-4"	3/28/2019	6,238.94	14.41	NP	NP	6,224.53
SVE-4"	5/16/2019	6,238.94	14.57	NP	NP	6,224.37
SVE-4"	8/13/2019	6,238.94	15.61	NP	NP	6,223.33
SVE-4"***	9/23/2019	6,239.38	15.99	NP	NP	6,223.39
SVE-4"	3/18/2020	6,239.38	15.30	NP	NP	6,224.08
SVE-4"	6/11/2020	6,239.38	15.86	NP	NP	6,223.52
SVE-4"	9/22/2020	6,239.38	16.51	NP	NP	6,222.87
SVE-4"	12/18/2020	6,239.38	16.27	NP	NP	6,223.11
SVE-4"	3/4/2021	6,239.38	16.05	NP	NP	6,223.33
SVE-4"	5/27/2021	6,239.38	16.33	NP	NP	6,223.05
SVE-4"	8/24/2021	6,239.38	16.30	NP	NP	6,223.08
SVE-4"	12/9/2021	6,239.38	15.92	NP	NP	6,223.46
MW-10	12/5/2013	6,231.08	7.23	NP	NP	6,223.85
MW-10	3/20/2014	6,231.08	6.90	NP	NP	6,224.18
MW-10	6/16/2014	6,231.08	7.77	NP	NP	6,223.31
MW-10	9/10/2014	6,231.08	7.75	NP	NP	6,223.33

TABLE 1

Well ID	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-10	12/3/2014	6,231.08	7.81	NP	NP	6,223.27
MW-10	3/5/2015	6,231.08	6.29	NP	NP	6,224.79
MW-10	6/18/2015	6,231.08	7.26	NP	NP	6,223.82
MW-10	9/23/2015	6,231.08	7.53	NP	NP	6,223.55
MW-10	12/18/2015	6,231.08	7.06	NP	NP	6,224.02
MW-10	9/12/2016	6,231.08	8.25	NP	NP	6,222.83
MW-10	3/28/2017	6,231.08	6.90	NP	NP	6,224.18
MW-10**	10/30/2017	6,230.82	6.23	NP	NP	6,224.59
MW-10	3/28/2018	6,230.82	7.06	NP	NP	6,223.76
MW-10	9/14/2018	6,230.82	8.44	NP	NP	6,222.38
MW-10	3/28/2019	6,230.82	7.09	NP	NP	6,223.73
MW-10	5/16/2019	6,230.82	7.25	NP	NP	6,223.57
MW-10	8/13/2019	6,230.82	8.37	NP	NP	6,222.45
MW-10***	9/23/2019	6,231.26	8.69	NP	NP	6,222.57
MW-10	3/18/2020	6,231.26	8.05	NP	NP	6,223.21
MW-10	6/11/2020	6,231.26	8.56	NP	NP	6,222.70
MW-10	9/22/2020	6,231.26	9.16	NP	NP	6,222.10
MW-10	12/18/2020	6,231.26	9.07	NP	NP	6,222.19
MW-10	3/4/2021	6,231.26	8.90	NP	NP	6,222.36
MW-10	5/27/2021	6,231.26	9.05	NP	NP	6,222.21
MW-10	8/24/2021	6,231.26	8.78	NP	NP	6,222.48
MW-10	12/9/2021	6,231.26	8.71	NP	NP	6,222.55
MW-11	12/5/2013	6,232.35	8.24	NP	NP	6,224.11
MW-11	3/20/2014	6,232.35	7.91	NP	NP	6,224.44
MW-11	6/16/2014	6,232.35	8.75	NP	NP	6,223.60
MW-11	9/10/2014	6,232.35	8.75	NP	NP	6,223.60
MW-11	12/3/2014	6,232.35	8.42	NP	NP	6,223.93
MW-11	3/5/2015	6,232.35	7.36	NP	NP	6,224.99
MW-11	6/18/2015	6,232.35	8.24	NP	NP	6,224.11
MW-11	9/23/2015	6,232.35	8.55	NP	NP	6,223.80
MW-11	12/18/2015	6,232.35	8.01	NP	NP	6,224.34
MW-11	9/12/2016	6,232.35	9.22	NP	NP	6,223.13
MW-11	3/28/2017	6,232.35	7.87	NP	NP	6,224.48
MW-11**	10/30/2017	6,232.10	9.10	NP	NP	6,223.00
MW-11	3/28/2018	6,232.10	8.11	NP	NP	6,223.99

TABLE 1

Well ID	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-11	9/14/2018	6,232.10	9.42	NP	NP	6,222.68
MW-11	3/28/2019	6,232.10	8.10	NP	NP	6,224.00
MW-11	5/16/2019	6,232.10	8.27	NP	NP	6,223.83
MW-11	8/13/2019	6,232.10	12.23	NP	NP	6,219.87
MW-11***	9/23/2019	6,232.51	9.71	NP	NP	6,222.80
MW-11	3/18/2020	6,232.51	9.05	NP	NP	6,223.46
MW-11	6/11/2020	6,232.51	9.62	NP	NP	6,222.89
MW-11	9/22/2020	6,232.51	10.22	NP	NP	6,222.29
MW-11	12/18/2020	6,232.51	10.08	NP	NP	6,222.43
MW-11	3/4/2021	6,232.51	9.90	NP	NP	6,222.61
MW-11	5/27/2021	6,232.51	10.10	NP	NP	6,222.41
MW-11	8/24/2021	6,232.51	9.88	NP	NP	6,222.63
MW-11	12/9/2021	6,232.51	9.63	NP	NP	6,222.88
MW-12	12/5/2013	6,238.15	14.37	14.36	0.01	6,223.79
MW-12	3/20/2014	6,238.15	14.03	NP	NP	6,224.12
MW-12	6/16/2014	6,238.15	14.77	NP	NP	6,223.38
MW-12	9/10/2014	6,238.15	14.88	NP	NP	6,223.27
MW-12	12/3/2014	6,238.15	14.56	NP	NP	6,223.59
MW-12	3/5/2015	6,238.15	13.69	NP	NP	6,224.46
MW-12	6/18/2015	6,238.15	14.28	NP	NP	6,223.87
MW-12	9/23/2015	6,238.15	14.67	NP	NP	6,223.48
MW-12	12/18/2015	6,238.15	14.18	NP	NP	6,223.97
MW-12	9/12/2016	6,238.15	15.22	NP	NP	6,222.93
MW-12	3/28/2017	6,238.15	14.06	NP	NP	6,224.09
MW-12**	10/30/2017	6,237.72	14.57	NP	NP	6,223.15
MW-12	3/28/2018	6,237.72	14.23	NP	NP	6,223.49
MW-12	9/14/2018	6,237.72	15.61	NP	NP	6,222.11
MW-12	3/28/2019	6,237.72	14.39	NP	NP	6,223.33
MW-12	5/16/2019	6,237.72	14.47	NP	NP	6,223.25
MW-12	8/13/2019	6,237.72	15.83	NP	NP	6,221.89
MW-12***	9/23/2019	6,238.35	15.80	NP	NP	6,222.55
MW-12	3/18/2020	6,238.35	15.20	NP	NP	6,223.15
MW-12	6/11/2020	6,238.35	15.71	NP	NP	6,222.64
MW-12	9/22/2020	6,238.35	16.35	NP	NP	6,222.00
MW-12	12/18/2020	6,238.35	16.21	NP	NP	6,222.14

TABLE 1

Well ID	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-12	3/4/2021	6,238.35	16.02	NP	NP	6,222.33
MW-12	5/27/2021	6,238.35	16.22	16.19	0.03	6,222.15
MW-12	8/24/2021	6,238.35	16.08	Trace	Trace	6,222.27
MW-12	12/9/2021	6,238.35	15.80	NP	NP	6,222.55
MW-13	12/5/2013	6,237.85	14.18	NP	NP	6,223.67
MW-13	3/20/2014	6,237.85	13.86	NP	NP	6,223.99
MW-13	6/16/2014	6,237.85	14.61	NP	NP	6,223.24
MW-13	9/10/2014	6,237.85	14.69	NP	NP	6,223.16
MW-13	12/3/2014	6,237.85	14.37	NP	NP	6,223.48
MW-13	3/5/2015	6,237.85	13.46	NP	NP	6,224.39
MW-13	6/18/2015	6,237.85	14.09	NP	NP	6,223.76
MW-13	9/23/2015	6,237.85	14.47	NP	NP	6,223.38
MW-13	12/18/2015	6,237.85	13.98	NP	NP	6,223.87
MW-13	9/12/2016	6,237.85	15.03	NP	NP	6,222.82
MW-13	3/28/2017	6,237.85	13.85	NP	NP	6,224.00
MW-13**	10/30/2017	6,237.57	14.34	NP	NP	6,223.23
MW-13	3/28/2018	6,237.57	14.14	NP	NP	6,223.43
MW-13	9/14/2018	6,237.57	15.34	NP	NP	6,222.23
MW-13	3/28/2019	6,237.57	14.14	NP	NP	6,223.43
MW-13	5/16/2019	6,237.57	14.22	NP	NP	6,223.35
MW-13	8/13/2019	6,237.57	15.14	NP	NP	6,222.43
MW-13***	9/23/2019	6,238.04	15.61	NP	NP	6,222.43
MW-13	3/18/2020	6,238.04	14.98	NP	NP	6,223.06
MW-13	6/11/2020	6,238.04	15.52	NP	NP	6,222.52
MW-13	9/22/2020	6,238.04	16.11	NP	NP	6,221.93
MW-13	12/18/2020	6,238.04	16.00	NP	NP	6,222.04
MW-13	3/4/2021	6,238.04	15.86	NP	NP	6,222.18
MW-13	5/27/2021	6,238.04	16.02	NP	NP	6,222.02
MW-13	8/24/2021	6,238.04	15.91	NP	NP	6,222.13
MW-13	12/9/2021	6,238.04	15.52	NP	NP	6,222.52
MW-14	10/30/2017	6,234.11	11.40	NP	NP	6,222.71
MW-14	3/28/2018	6,234.11	10.93	NP	NP	6,223.18
MW-14	9/14/2018	6,234.11	12.21	NP	NP	6,221.90
MW-14	3/28/2019	6,234.11	11.18	NP	NP	6,222.93

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TABLE 1

Well ID	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-14	5/16/2019	6,234.11	11.20	NP	NP	6,222.91
MW-14	8/13/2019	6,234.11	12.16	NP	NP	6,221.95
MW-14***	9/23/2019	6,234.55	12.40	NP	NP	6,222.15
MW-14	3/18/2020	6,234.55	12.01	NP	NP	6,222.54
MW-14	6/11/2020	6,234.55	12.51	NP	NP	6,222.04
MW-14	9/22/2020	6,234.55	13.09	NP	NP	6,221.46
MW-14	12/18/2020	6,234.55	12.93	NP	NP	6,221.62
MW-14	3/4/2021	6,234.55	12.88	NP	NP	6,221.67
MW-14	5/27/2021	6,234.55	12.88	NP	NP	6,221.67
MW-14	8/24/2021	6,234.55	13.18	NP	NP	6,221.37
MW-14	12/9/2021	6,234.55	12.61	NP	NP	6,221.94
MW-15	10/30/2017	6,235.08	12.54	NP	NP	6,222.54
MW-15	3/28/2018	6,235.08	12.09	NP	NP	6,222.99
MW-15	9/14/2018	6,235.08	13.42	NP	NP	6,221.66
MW-15	3/28/2019	6,235.08	12.25	NP	NP	6,222.83
MW-15	5/16/2019	6,235.08	12.40	NP	NP	6,222.68
MW-15	8/13/2019	6,235.08	13.40	NP	NP	6,221.68
MW-15***	9/23/2019	6,235.53	13.82	NP	NP	6,221.71
MW-15	3/18/2020	6,235.53	13.30	NP	NP	6,222.23
MW-15	6/11/2020	6,235.53	13.76	NP	NP	6,221.77
MW-15	9/22/2020	6,235.53	14.37	NP	NP	6,221.16
MW-15	12/18/2020	6,235.53	14.24	NP	NP	6,221.29
MW-15	3/4/2021	6,235.53	14.06	NP	NP	6,221.47
MW-15	5/27/2021	6,235.53	14.26	NP	NP	6,221.27
MW-15	8/24/2021	6,235.53	14.05	NP	NP	6,221.48
MW-15	12/9/2021	6,235.53	13.73	NP	NP	6,221.80
MW-16	10/30/2017	6,237.27	13.65	NP	NP	6,223.62
MW-16	3/28/2018	6,237.27	13.37	NP	NP	6,223.90
MW-16	9/14/2018	6,237.27	14.88	NP	NP	6,222.39
MW-16	3/28/2019	6,237.27	13.60	NP	NP	6,223.67
MW-16	5/16/2019	6,237.27	13.40	NP	NP	6,223.87
MW-16	8/13/2019	6,237.27	14.45	NP	NP	6,222.82
MW-16***	9/23/2019	6,237.73	15.00	NP	NP	6,222.73
MW-16	3/18/2020	6,237.73	14.44	NP	NP	6,223.29

TABLE 1

Well ID	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-16	6/11/2020	6,237.73	14.96	NP	NP	6,222.77
MW-16	9/22/2020	6,237.73	15.59	NP	NP	6,222.14
MW-16	12/18/2020	6,237.73	15.44	NP	NP	6,222.29
MW-16	3/4/2021	6,237.73	15.27	NP	NP	6,222.46
MW-16	5/27/2021	6,237.73	15.43	NP	NP	6,222.30
MW-16	8/24/2021	6,237.73	15.33	NP	NP	6,222.40
MW-16	12/9/2021	6,237.73	15.02	NP	NP	6,222.71
MW-17	8/13/2019	6,236.06	10.74	NP	NP	6,225.32
MW-17***	9/23/2019	6,236.72	10.96	NP	NP	6,225.76
MW-17	3/18/2020	6,236.72	11.32	NP	NP	6,225.40
MW-17	6/11/2020	6,236.72	11.33	NP	NP	6,225.39
MW-17	9/22/2020	6,236.72	11.24	NP	NP	6,225.48
MW-17	12/18/2020	6,236.72	11.39	NP	NP	6,225.33
MW-17	3/4/2021	6,236.72	11.55	NP	NP	6,225.17
MW-17	5/27/2021	6,236.72	11.55	NP	NP	6,225.17
MW-17	8/24/2021	6,236.72	DRY	NP	NP	DRY
MW-17	12/9/2021	6,236.72	DRY	NP	NP	DRY
MW-18	8/13/2019	6,234.97	14.92	NP	NP	6,220.05
MW-18***	9/23/2019	6,235.42	13.74	NP	NP	6,221.68
MW-18	3/18/2020	6,235.42	DRY	NP	NP	DRY
MW-18	6/11/2020	6,235.42	13.12	NP	NP	6,222.30
MW-18	9/22/2020	6,235.42	13.32	NP	NP	6,222.10
MW-18	12/18/2020	6,235.42	13.60	NP	NP	6,221.82
MW-18	3/4/2021	6,235.42	13.71	NP	NP	6,221.71
MW-18	5/27/2021	6,235.42	13.65	NP	NP	6,221.77
MW-18	8/24/2021	6,235.42	13.62	NP	NP	6,221.80
MW-18	12/9/2021	6,235.42	13.64	NP	NP	6,221.78
MW-19	8/13/2019	6,231.05	11.87	NP	NP	6,219.18
MW-19***	9/23/2019	6,231.51	10.23	NP	NP	6,221.28
MW-19	3/18/2020	6,231.51	9.96	NP	NP	6,221.55
MW-19	6/11/2020	6,231.51	10.21	NP	NP	6,221.30
MW-19	9/22/2020	6,231.51	10.78	NP	NP	6,220.73
MW-19	12/18/2020	6,231.51	10.92	NP	NP	6,220.59

TABLE 1

Well ID	Date	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-19	3/4/2021	6,231.51	10.78	NP	NP	6,220.73
MW-19	5/27/2021	6,231.51	10.81	NP	NP	6,220.70
MW-19	8/24/2021	6,231.51	10.60	NP	NP	6,220.91
MW-19	12/9/2021	6,231.51	10.47	NP	NP	6,221.04
MW-20	8/13/2019	6,227.83	8.01	NP	NP	6,219.82
MW-20***	9/23/2019	6,228.28	8.13	NP	NP	6,220.15
MW-20	3/18/2020	6,228.28	7.71	NP	NP	6,220.57
MW-20	6/11/2020	6,228.28	8.11	NP	NP	6,220.17
MW-20	9/22/2020	6,228.28	8.88	NP	NP	6,219.40
MW-20	12/18/2020	6,228.28	8.80	NP	NP	6,219.48
MW-20	3/4/2021	6,228.28	8.69	NP	NP	6,219.59
MW-20	5/27/2021	6,228.28	8.83	NP	NP	6,219.45
MW-20	8/24/2021	6,228.28	NM	NM	NM	NM
MW-20	12/9/2021	6,229.28	8.81	NP	NP	6,220.47

^{*} Top of casing elevation was resurveyed on 6/19/2013

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

NP - no product

P/A- plugged and abandoned

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

UNK - data is not known

^{**} 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.

TABLE 2

Well Name	Sample Date	Benzene (μg/L)	Toluene (μg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC St	tandard (µg/L)	5	1,000	700	620
	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
MW-1	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
	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
	9/21/1999	8.5	0.8	2.2	1.9
	11/16/1999	32	0.8	3.4	7
	2/15/2000	57	1.2	16	2.6
MW-2	5/10/2000	< 0.5	< 0.5	1	<1.5
1V1 VV -2	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

TABLE 2

Well Name	Sample	Benzene	Toluene	Ethylbenzene	Total Xylenes
	Date	(μg/L)	(μg/L)	(μg/L)	(μg/L)
NMWQCC St	tandard (μg/L)	5	1,000	700	620
	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
	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
MW-2	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
	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
MW-3	2/15/2000	120	1,900	640	5,120
1V1 VV - 3	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

TABLE 2

Well Name	Sample	Benzene	Toluene	Ethylbenzene	Total Xylenes
wen wanie	Date	(µg/L)	(µg/L)	(μg/L)	(µg/L)
NMWQCC St	andard (μg/L)	5	1,000	700	620
	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
	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
MW-3	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
MW-4	6/4/1998	3,400	3,600	110	910
TAT AA4	8/11/1998	320	1,600	60	680

GROUNDWATER LABORATORY ANALYTICAL RESULTS
DOGIE EAST PIT

RIO ARRIBA COUNTY, NEW MEXICO

TABLE 2

Well Name	Sample Date	Benzene (µg/L)	Toluene (μg/L)	Ethylbenzene (µg/L)	Total Xylenes (μg/L)
NMWQCC St	andard (µg/L)	5	1,000	700	620
	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
MW-4	9/18/2004	80	170	6.7	66
	3/11/2005	< 2.0	2.8	< 2.0	10
	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
	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
MW-5	9/21/1999	3.2	450	97	780
171.77	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

TABLE 2

Well Name	Sample	Benzene	Toluene	Ethylbenzene	Total Xylenes
wen Name	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)
NMWQCC St	tandard (µg/L)	5	1,000	700	620
	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
MW-5	12/9/2010	NS	NS	NS	NS
1V1 VV -3	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	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

TABLE 2

Well Name	Sample Date	Benzene (μg/L)	Toluene (μg/L)	Ethylbenzene (µg/L)	Total Xylenes (μg/L)
NMWOCC St	tandard (μg/L)	5	1,000	700	620
1111111 QUU SI	9/12/2016	<2.0	<2.0	32	110
	10/30/2017	<1.0	1.0	13	37
MW-5	9/13/2018	<1.1	1.0	9.6	27
	8/24/2021	NS-FP	NS-FP	NS-FP	NS-FP
	6.22021	1,211	1,211	1,011	1,011
	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
MW-6	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
	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

TABLE 2

Well Name	Sample Date	Benzene (μg/L)	Toluene (μg/L)	Ethylbenzene (µg/L)	Total Xylenes (μg/L)
NMWQCC St	andard (μg/L)	5	1,000	700	620
	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
MW-6	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
	9/21/1999	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
MW-7	6/16/2005	27	< 2.0	<2.0	< 5.0
1 V1 VV - /	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
	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

TABLE 2

Well Name	Sample Date	Benzene (μg/L)	Toluene (μg/L)	Ethylbenzene (µg/L)	Total Xylenes (μg/L)
NMWQCC St	randard (μg/L)	5	1,000	700	620
	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
MW-7	9/10/2014	86	190	140	740
IVI W - /	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
	9/21/1999	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
MW-8	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	<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

TABLE 2

Well Name	Sample Date	Benzene (µg/L)	Toluene	Ethylbenzene (µg/L)	Total Xylenes
NMWOCC SA	Landard (μg/L)		(μg/L)		(μg/L)
NM WQCC SI		5	1,000	700	620
	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
l	3/10/2011	NS	NS	NS	NS
	6/15/2011	NS	NS	NS	NS
MW-8	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
	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
MW-9	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

TABLE 2

Well Name	Sample Date	Benzene (μg/L)	Toluene (μg/L)	Ethylbenzene (µg/L)	Total Xylenes (μg/L)
NMWQCC St	tandard (µg/L)	5	1,000	700	620
MW-9	12/7/2012	<1.0	<1.0	<1.0	<3.0
IVI VV -9	3/6/2013	<2.0	< 2.0	<2.0	<4.0
	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
	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
SVE-4"	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
	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
MW-10	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

TABLE 2

Well Name	Sample	Benzene	Toluene	Ethylbenzene	Total Xylenes
	Date	(µg/L)	(µg/L)	(μg/L)	(µg/L)
NMWQCC St	andard (μg/L)	5	1,000	700	620
	9/23/2019	<2.0	<2.0	<2.0	<4.0
	3/18/2020	<2.0	< 2.0	< 2.0	<3.0
MW-10	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
	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
MW-11	3/28/2018	24	<1.0	11	25
1V1 VV -1 1	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
	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
MW-12	3/30/2018	390	10	9.1	15
1V1 VV -1 Z	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
	8/24/2021	NS-FP	NS-FP	NS-FP	NS-FP
			•	•	

TABLE 2

Well Name	Sample Date	Benzene (μg/L)	Toluene (μg/L)	Ethylbenzene (µg/L)	Total Xylenes (μg/L)
NMWQCC Standard (μg/L)		5	1,000	700	620
MW-13	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
MW-14	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
MW-15	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
	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
MW-16	10/30/2017	<1.0	<1.0	<1.0	<1.5

TABLE 2

GROUNDWATER LABORATORY ANALYTICAL RESULTS DOGIE EAST PIT RIO ARRIBA COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (μg/L)	Ethylbenzene (µg/L)	Total Xylenes (μg/L)
NMWQCC St	andard (µg/L)	5	1,000	700	620
	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
MW-16	9/23/2019	<1.0	<1.0	<1.0	< 2.0
1V1 VV -1 O	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
	8/13/2019	<1.0	<1.0	<1.0	<2.0
MW-17	3/18/2020	<1.0	<1.0	<1.0	<1.5
	9/22/2020	<1.0	<1.0	<1.0	<1.5
	8/13/2019	<2.0	<2.0	<2.0	<4.0
MW-18	9/22/2020	<1.0	<1.0	<1.0	<1.5
IVI VV TO	3/4/2021	< 2.0	<2.0	< 2.0	<4.0
	8/24/2021	<1.0	<1.0	<1.0	<2.0
	9/6/2019	71	160	<5	930
	3/18/2020	13	< 5.0	3	11
MW-19	9/22/2020	17	<1.0	4.7	11
	3/4/2021	<1.0	<1.0	<1.0	<2.0
	8/24/2021	3.4	<1.0	1.2	<2.0
	9/6/2019	<1.0	<1.0	<1.0	<1.5
MW-20	3/18/2020	<1.0	<1.0	<1.0	<1.5
11111 20	9/22/2020	< 2.0	<2.0	<2.0	< 3.0
	3/4/2021	<1.0	<1.0	<1.0	5.1

Notes:

Bold - indicates sample exceeds NMWQCC standard

< - indicates result is less than laboratory reporting detection limit

 $\mu g/L$ - micrograms per liter

DEST - well has been destroyed

NS - not sampled

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

TABLE 3

Date	Well-ID	Cycles	Run Time	Cycles (Lifetime)	Lifetime	Estimated Product Recovered (gallon)	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	PSH Thickness (feet)	Battery Voltage	System ON/OFF	Any Faults	Notes/Maintenance Completed
3/14/2018	MW-6	0	0	48	57:33:00	0.00	15.62	16.03	0.41	12.8	ON	NO	Installed system in MW-6.
3/20/2018	MW-6	18	5:23:11	66	5:23:11	0.07			0.0	13	ON	NO	1/8 inches of product in barrel.
6/26/2018	MW-6	88	19:01:02	147	19:03:24	0.34			0.0	12.9	ON	NO	Trace fluids in barrel.
7/16/2018	MW-6	167	38:23:08	226	39:01:29	0.65			0.0	12.9	ON	NO	1/16 inches in barrel. Approximately 0.5 ounce recovered per cycle.
8/10/2018	MW-6	267	63:23:13	326	64:01:35	1.04	15.97	16.06	0.09	12.9	ON	NO	No product in barrel. Ran one cycle and recovered approximately 0.5 ounce.
8/29/2018	MW-6	343	82:22:02	402	83:00:24	1.34			0.0	12.8	ON	NO	Run one cycle with 2 hours left on delay recovered ~ 2.0 ounces of product. 1/4 inches of product in barrel. Cleaned pump and skimmer as well as solar panel. Adjusted solar panel to 54° for fall and winter.
9/14/2018	MW-6	408	98:23:04	467	49:01:26	2.36	17.06	17.10	0.04	12.8	ON	NO	Adjusted the skimmer depth to center skimmer at 17.10 feet. Changed the vac setting to 6 seconds after observing product in the air line. Desicant tanks were both 100% full the top dryer desicant will need to be replaced soon.
11/6/2018	MW-6	620	151:05:04	679	152:02:04	4.84	17.01	17.08	0.07	12.7	ON	YES	Low battery voltage at 137:04:18. 4 inches of product in barrel. 1.5 ounces of recovery per cycle. Replaced desicant in both dryers. Delay left at 6 hours.
11/28/2018	MW-6	708	174:00:00	767	174:02:22	5.87	17.72	17.75	0.03	12.7	ON	NO	Changed vac to 5 seconds. Delay lowered to 4 hours.
2019 Data													
1/21/2019	MW-6	1,032	228:01:52	1,091	228:04:14	9.67	16.44	17.27	0.83	12.7	ON	NO	Changed vac to 10 seconds, pressure left at 30 seconds, pump depth mistroke depth was 17 feet, moved pump up 4 inches.
2/26/2019	MW-6	219	35:23:23	1,310	8:03:41	12.23	16.27	16.3	0.03	12.7	ON	NO	Cleaned and adjusted skimmer to center at 16.30 feet. 5 inches of product in barrel.

WSP USA Inc.

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P:\Harvest Four Corners\Dogie East Pit\PSH Remediation System

TABLE 3

Date	Well-ID	Cycles	Run Time	Cycles (Lifetime)	Lifetime	Estimated Product Recovered (gallon)	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	PSH Thickness (feet)	Battery Voltage	System ON/OFF	Any Faults	Notes/Maintenance Completed
3/28/2019	MW-6	400	66:03:31	1,491	38:07:51	14.36		15.9		NM	ON	NO	Cleaned skimmer, 14 inches of product in barrel, pump depth was 16 feet.
4/16/2019	MW-6	513	84:22:48	1,604	57:03:07	14.58		15.89	0.0	12.9	ON	NO	No product observed in well. Clean skimmer and solar panel. Adjust delay to 14 hours.
5/16/2019	MW-6	565	115:02:33	1,651	87:06:52	14.58		15.98	0.0	NM	ON	NO	No product observed in well. Clean skimmer and solar panel.
9/6/2019	MW-6	570	115:09:18	1,661	87:09:17	14.58	17.05	17.52	0.47	12.7	ON	NO	PSH observed in MW-6 skimmer was reinstalled in well.
9/23/2019	MW-6	605	132:00:24	1,696	104:04:42	14.58	17.37	17.53	0.16	12.8	ON	NO	Cracks observed in air lines, recommend replacing next O&M visit.
11/18/2019	MW-6	718	188:02:53	1,809	160:07:11	14.58	17.03	17.53	0.5	12.7	ON	NO	Disassembled sipper to move to Florance 47X.
12/19/2019	MW-6	NA	NA	NA	NA	14.94	16.86	17.77	0.91	NA	NA	NA	Product sock in MW-6 100% saturated. Replace sock in MW-6. Bailed 30 ounces of PSH from MW-6.
2020 Data													
3/18/2020	MW-6	NA	NA	NA	NA	15.08	16.6	17.21	0.91	NA	NA	NA	Replaced sock in MW-7
3/26/2020	MW-6	NA	NA	NA	NA	15.21	16.55	17.11	0.91	NA	NA	NA	Re-install sipper on MW-6
4/15/2020	MW-6	8	01:06:06	818	0030:21:09	15.27	16.55	17.31	0.76	11.7	ON	NO	1 oz recovered in cycle. 4" of product in barrel. Solar panel cannot adjust to correct angle for summer months (21 degrees).
4/30/2020	MW-6	32	16:03:32	842	0045:18:36	15.46	16.59	17.36	0.79	11.5	ON	NO	1 oz recovered in cycle. 4" of product in barrel. Solar panel cannot adjust to correct angle for summer months (21 degrees).
5/27/2020	MW-6	43	21:22:31	853	59:13:34:49	15.54	16.88	17.94	1.06	11.6	ON	NO	1 oz. recovered per cycle. Change angle of solar panel to 23 degrees.
6/11/2020	MW-6	45	29:22:37	855	59:13:40:46	15.56	17.03	18.20	1.17	12.4	ON	YES	Low battery fault charge battery with jumper cables to 12.4 volts and run one cycle.
6/25/2020	MW-6	46	29:22:38	856	59:13:42:33	15.57	17.04	18.33	1.29	11.9	ON	YES	Low battery fault charge battery with jumper cables to 11.9 volts and run three cycles.

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P:\Harvest Four Corners\Dogie East Pit\PSH Remediation System

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TABLE 3

Date	Well-ID	Cycles	Run Time	Cycles (Lifetime)	Lifetime	Estimated Product Recovered (gallon)	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	PSH Thickness (feet)	Battery Voltage	System ON/OFF	Any Faults	Notes/Maintenance Completed
7/24/2020	MW-6	49	29:22:47	859	59:13:51	15.59	17.32	19.10	1.78	11.2	ON	NO	Low battery charge.
8/6/2020	MW-6	69	30:13:56	879	60:04:55	15.83	17.21	18.55	1.34	11.7	ON	NO	Battery needs replacement soon. Install pump in MW-7.
8/18/2020	MW-6	109	40:10:27	919	70:01:27	15.98	17.36	18.95	1.59	11.3	ON	NO	0.5 oz. recovered in cycle
9/22/2020	MW-6	122	44:22:31	932	74:13:30	16.03	17.51	19.30	1.79	11.6	ON	NO	Annual GW sampling event.
10/29/2020	MW-6	-	-	-	-	16.03	17.55	19.29	1.74	=	OFF	-	System down, solar panel not charging battery.
12/18/2020	MW-6	-	-	-	-	16.31	17.44	18.76	1.32	-	OFF	-	Bailed 36.3 oz. yellow product and three gallons black/gray H2O.
2021 Data													
2/3/2020	MW-6	135	44:22:52	945	74:13:52	16.47	17.41	18.53	1.12	12.6	ON	NO	Replaced battery for system, cleaned solar panel. Rest pump depth to 15.50. Ran 1 cycle 2oz PSH discharged. Delay = 12 hours, Vac = 6 sec. Pressure = 30 sec.
2/19/2021	MW-6	159	48:17:30	969	78:08:31	16.94	17.4	18.45	1.05	12.6	ON	NO	Check valve stuck in "up position", cleaned pump and returned check valve to normal operation.
3/4/2021	MW-6	160	185:04:09	970	68:09:59	17.23	17.31	18.10	0.79	12.5	ON	NO	12 hour delay. 2 ounces recovered per cycle
3/16/2021	MW-6	204	61:03:25	1,014	78:08:31	17.86	17.37	18.33	0.96	12.5	ON	NO	Clean and reset pump at depth. 12" in recovery bbl
4/16/2021	MW-6	262	75:19:42	1,072	105:10:42	18.60	17.36	18.14	0.78	12.4	ON	NO	16" of product in barell. Clean pump and float.
4/29/2021	MW-6	314	88:20:29	1,124	118:11:30	19.29	17.37	18.16	0.79	12.4	ON	NO	Sample SVE-4 and MW-8 to monitor cross gradient plume migration.
5/27/2021	MW-6	426	116:14:41	1,236	146:05:41	20.44	17.47	18.53	1.06	12.3	ON	NO	Repaired cracked vacuum tubing, ran 1 cycle and discharge ~ 1 oz of product. MW-6 pump depth set to 15.47. Set delay to 10 hours. 8" of product in bbl
6/21/2021	MW-6	549	141:12:40	1,360	171:03:41	21.69	17.47	19.24	1.77	14.1	ON	NO	
7/15/2021	MW-6	666	165:10:29	1,476	195:01:29	22.89	17.91	19.38	1.47	14.3	ON	NO	
8/24/2021	MW-6	858	205:08:15	1,668	234:23:16	24.67	17.46	18.33	0.87	12.4	ON	NO	
9/28/2021	MW-6	1024	240:04:42	1,838	13:19:42:33	26.25	17.53	18.51	0.98	12.2	ON	NO	Reset pump at 14.53 feet.

TABLE 3

Date	Well-ID	Cycles	Run Time	Cycles (Lifetime)	Lifetime	Estimated Product Recovered (gallon)	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	PSH Thickness (feet)	Battery Voltage	System ON/OFF	Any Faults	Notes/Maintenance Completed
10/11/2021	MW-6	1096	253:02:58	1,906	26:17:59	27.10	17.4	18.18	0.78	12.2	ON	NO	Clean and reset pump depth to 15.2, reset delay to 8 hours, changed vac to 15 seconds, changed pressure to 30 seconds. Repair/replace vacuum lines.
12/9/2021	MW-6	1321	34:12:25	2,131	64:03:25	29.14	16.97	17.26	0.29	12.8	ON	Intake Override	Clean and reset pump.
12/29/2021	MW-6	1332	36:04:25	2,142	65:19:25	29.51	17.2	17.35	0.15	12.6	On	Intake Override	Clear fault drain air line. Reset pump.

Notes:

PSH - phase-separated hydrocarbons O&M - operations and maintenance

BTOC - below top of casing

NA - not applicable

NM - not measured

NP - no product observed

TABLE 4

Date	Well-ID	Cycles	Run Time (hours)	Cycles (Lifetime)	Lifetime (hours)	Estimated Product Recovered (gallon)	Depth to Product (feet)	Depth to Water (feet)	PSH Thickness (feet)	Battery Voltage	System ON/OFF	Any Faults	Notes/Maintenance Completed
12/19/2019	MW-7	-	-	-	-	0.14	13.39	13.95	0.56	-	-	-	Bailed 18 oz and installed sock
3/18/2020	MW-7	-	-	-	-	0.27	13.15	13.48	0.33	-	-	-	Replaced sock in MW-7
3/26/2020	MW-7	-	-	-	-	0.33	13.08	13.35	0.27	-	-	-	Bailed 7.5 oz
4/15/2020	MW-7	-	-	-	-	0.54	13.1	13.38	0.28	-	-	-	Bailed 9 oz replaced sock
4/30/2020	MW-7	-	-	-	-	0.70	13.16	13.36	0.2	-	-	-	Bailed 3.5 oz. replaced sock
5/27/2020	MW-7	-	-	-	-	0.87	13.46	13.66	0.2	-	-	-	Bailed 5 oz. sock 100% saturated, replaced sock.
6/11/2020	MW-7	-	-	-	-	1.16	13.48	14.35	0.87	-	-	-	Bailed 21 oz. sock 100% saturated, replaced sock
6/25/2020	MW-7	-	-	-	-	1.44	13.62	14.52	0.9	-	-	-	Bailed 18 oz. sock 100% saturated with yellow product, replaced sock
7/24/2020	MW-7	-	-	-	-	2.09	13.78	15.22	1.44	-	-	-	Bailed 66 oz. pale yellow product. Replaced sock.
8/6/2020	MW-7	69	30:13:56	879	60:04:55	2.22	13.85	14.43	0.58	11.7	ON	NO	Sock 100% saturated. Installed solar sipper PSH recovery pump in well MW-7. 1.5 oz recovered per cycle
8/17/2020	MW-7	109	40:10:27	919	70:01:27	2.69	13.96	14.81	0.85	11.3	ON	NO	2 oz. recovered in cycle. Vac: 25 sec, Pres: 30 sec, Del: 18hr
9/22/2020	MW-7	122	44:22:31	932	74:13:30	2.89	14.06	15.21	1.15	11.6	ON	NO	Annual GW sampling event.
10/29/2020	MW-7	-	-	-	-	2.89	14.10	15.27	1.17	-	OFF	-	System down, solar panel not charging battery.
12/18/2020	MW-7	-	-	-	-	3.01	13.9	15.02	1.12	-	OFF	-	Bailed 15.6 oz. yellow/orange product and three gallons gray H2O.
2021 Data													
2/3/2021	MW-7	135	44:22:52	945	74:13:52	3.31	13.86	14.78	0.92				Bailed 15.6 oz. yellow/orange product and three gallons gray H2O.
2/19/2021	MW-7	159	48:17:30	969	78:08:31	3.40	13.91	14.72	0.81				~10" of PSH in bbl. 1 oz. per cycle.
3/4/2021	MW-7	160	49:09:28	970	79:00:28	3.41	13.76	14.59	0.83				16 hour delay. 1 ounce per cycle
3/16/2021	MW-7	204	61:03:25	1014	90:18:25	3.58	13.82	14.59	0.77				12" in recovery bbl, 1 ounce per cycle.
4/16/2021	MW-7	262	75:19:42	1072	105:10:42	3.80	13.96	14.47	0.51				Clean pump and float. 14" in barrel
4/29/2021	MW-7	314	88:20:29	1124	118:11:30	4.01	13.88	14.5	0.62				12" in recovery bbl, 1 ounce per cycle.
5/27/2021	MW-7	426	116:14:41	1236	146:05:41	4.45	14.05	14.77	0.72				Repaired cracked vacuum tubing, ran 1 cycle and discharge ~ 1 oz of product. Pump depth set to 11.00. Set delay to 10 hours. 1" of product in bbl
6/21/2021	MW-7	549	141:12:40	1360	171:03:41	4.93	14.23	15.42	1.19				
7/15/2021	MW-7	666	165:10:29	1476	195:01:29	5.38	14.49	15.38	0.89				

TABLE 4

Date	Well-ID	Cycles	Run Time (hours)	Cycles (Lifetime)	Lifetime (hours)	Estimated Product Recovered (gallon)	Depth to Product (feet)	Depth to Water (feet)	PSH Thickness (feet)	Battery Voltage	System ON/OFF	Any Faults	Notes/Maintenance Completed
8/24/2021	MW-7	858	205:08:15	1668	234:23:16	6.13	13.92	14.59	0.67				
9/28/2021	MW-7	1024	240:04:42:14	1838	13:19:42:33	6.80	14.01	15.06	1.05				Reset pump at 11.01
10/11/2021	MW-7	1096	253:05:58	1906	26:17:59	7.06	13.78	14.33	0.55				Reset pump to 11.33, change delay to 8 hours, vac set at 15 seconds, pressure set at 30 seconds, repair/replace vacuum lines.
12/2/2021	MW-7	1321	34:12:25	2131	64:03:25	7.94	13.6	13.69	0.09				Clean and reset pump.
12/29/2021	MW-7	1332	36:04:25	2142	65:19:25	7.98	13.64	13.71	0.07	12.6	On	Intake overide	Clear fault drain air line.

Notes:

PSH - phase-separated hydrocarbons

O&M - operations and maintenance

BTOC - below top of casing

NA - not applicable

NM - not measured

NP - no product observed

ENCLOSURE A – 2021 SAMPLE COLLECTION FORMS

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<u> </u>				Water Sc	ample Collec	tion Form					
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Sample Loc			pressor Stati		_	Client Harvest Four Corners, LLC					
Sample Dat			21	-	Р	roject Name Dogie East Pit Groundwater Monitoring					
Sample Tim	e).			Project #					
Sample ID		5VE-4	<u> </u>			Sampler EC					
Analyses		BTEX 8021									
Matrix		Groundwat	er			Laboratory Hall Environmental					
Turn Aroun	d Time	Standard				Courier					
Depth to W	ater	16:30			TD of Well 20, 14						
Time		17:05			Depth to Product						
Vol. of H2O	to purge		7.5								
				of water col	lumn * 0.1631	for 2" well or 0.6524 for 4" well) * 3 well vols					
Method of	Purging	Bailer									
Method of	Sampling	Bailer									
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	Vol.	Total Vol	рН	Temp.	Conductivity	- F					
Time	Removed	removed	(std. units)	(c)	(us or ms)	Comments					
	(gal.)	(gal.)			(
12:05	1.0	1.0	7.89	15.2	2-26	Clear, coloriess					
12:07		2.0	7.76	15.1	2.23						
12:08		3.0	7.53	15.1	2.23	,					
12:09		4.0	7.48	15=1	2-24						
12:10		5-0	7-48	15.0	2-26	Slightly turbed, 16. brown					
12:11		6.0	7.47	15/	2.26						
12:12		7.0	7.46	15.1	2.26	<u> </u>					
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Sample Loca	ation	Dogio Com	pressor Stati	on		Client	Harvest Four Corners, LLC
		Dogle Com	pressor stati		D		Dogie East Pit Groundwater Monitoring
Sample Date		817	<i>-p</i>		P		
Sample Tim	е	105-1	<u>- r</u>	•		Project #	
Sample ID			-5	,		Sampler	<u> </u>
Analyses		BTEX 8021					
Matrix		Groundwat	er			Laboratory	Hall Environmental
Turn Around	d Time	Standard		,			Courier
Depth to W	ater	15.80	,			TD of Well	
Time					Dept	h to Product	15,77
Vol. of H2O	to nurge			•			
VOI. 01 1120	to parge		(height (of water col	umn * 0.1631	for 2" well o	r 0.6524 for 4" well) * 3 well vols
Method of I	Purging	Baile	1/	,		,	
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	Vol.	Total Vol		_			
Time	Removed	H2O	pH	Temp.	Conductivity		Comments
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Sample Loc	ation	Dogie Com	pressor Statio	on		Client	Harvest Four Corners, LLC
Sample Dat		8/24			Р		Dogie East Pit Groundwater Monitoring
Sample Tim	e	12:05				Project #	
Sample ID		MW-	G			Sampler	Ec
Analyses		BTEX 8021					
Matrix		Groundwat	er			Laboratory	Hall Environmental
Turn Aroun	d Time	Standard					Courier
Depth to W	ater	13:15				TD of Well	NA
Time					Dept	h to Product	NA
Vol. of H2O	to nurge						
VOI: 01 1120	to barge		(height o	f water col	umn * 0.1631	for 2" well or	0.6524 for 4" well) * 3 well vols
Method of	Purging	Crab	Sampi		·		
Method of		Bailer					
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Sample Loc	ation	Dogie Com	pressor Stati	on		Client	Harvest Four Corners, LLC
Sample Dat			1/21		Р		Dogie East Pit Groundwater Monitoring
Sample Tim			11:40			Project #	
Sample ID			10				£c
Analyses		BTEX 8021					
Matrix		Groundwat	ter			Laboratory	Hall Environmental
Turn Aroun	d Time	Standard					Courier
Depth to W		8.78				TD of Well	NA
Time					Dept	h to Product	NA
	to nurgo						
Vol. of H2O	to purge		(height (	of water cal	umn * 0 1631	for 2" well or	r 0.6524 for 4" well) * 3 well vols
Method of	Purging	Cryab	Sample				
Method of		Bailer	/				
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	Vol.	Total Vol	рН	Temp.	Conductivity		
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Sample Loc	ation	Dogie Com	pressor Stati	on		Client	Harvest Four Corners, LLC
Sample Dat	e	8/24/	121		Pi	roject Name	Dogie East Pit Groundwater Monitoring
Sample Tim	ne		2			Project #	
Sample ID							BC
Analyses		BTEX 8021		•		•	
, Matrix		Groundwat	er			Laboratory	Hall Environmental
Turn Aroun	d Time	Standard				,	Courier
Depth to W		9.88		•		TD of Well	
Time	4(0)	11:45		,	Dentl	n to Product	
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Vol. of H2O	to purge	2.5	(heiaht d	of water co	lumn * 0.1631 i	for 2" well or	r 0.6524 for 4" well) * 3 well vols
Method of	Purging	Bailer		-			
Method of		Bailer					
	· ·	,	1				
	Vol.	Total Vol H2O	pH	Temp.	Conductivity		
Time	Removed	removed	(std. units)	( C)	(us or ms)		Comments
	(gal.)	(gal.)					
11:45	0.5	0.5	7.80	16.7	1728	Clo	ear
11:46	0.5	1.0	7.78	16.1	1728	TUV6.d	dark brown
10 : 48	015	1.5	7.76	15-4	1736		
11:49	0.5	20	7.77	15.3	1731	V	
11:52	0.5	2.5	7.77	15.3	1731		
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Sample Loc	ation	Dogie Com	pressor Stati	on		Client	Harvest Four Corners, LLC
Sample Dat		8/24		U11	p		Dogie East Pit Groundwater Monitoring
Sample Tim		115-4	=P		'		
Sample ID	10	Mil	12			Sampler	EC
Analyses		BTEX 8021	10			Jampier	
Matrix		Groundwat	or			Laboratory	Hall Environmental
Turn Aroun	d Timo	Standard	<u></u>			Laboratory	Courier
						TD of Wall	NA
Depth to W Time	aler	16.08			Dont		
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Vol. of H2O	to purge		(height c	of water col	umn * 0.1631	for 2" well or	0.6524 for 4" well) * 3 well vols
Method of	Purging	Baile.	_				
Method of							
	Τ	Total Vol			· · · · · ·		
	Vol.	H2O	рН	Temp.	Conductivity		
Time	Removed	removed	(std. units)	(C)	(us or ms)		Comments
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Water Sample Collection Form



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				Water Sc	ample Collec	tion Form
Sample Loca	ation	Dogie Com	pressor Stati	on		Client Harvest Four Corners, LLC
Sample Date			/21		D	Project Name Dogie East Pit Groundwater Monitoring
Sample Time					r	
Sample IIII			; }			Project # Sampler E C
Analyses		BTEX 8021				Somplet E C
		Groundwat				Laboratory Hall Environmental
Matrix	d Time -		(61			Courier
Turn Around		Standard				
Depth to Wa	ater					TD of Well 18.67
Time		200		,	Dept	th to Product
Vol. of H2O	to purge	1.3				
			(height c	of water co	lumn * 0.1631 _.	for 2" well or 0.6524 for 4" well) * 3 well vols
Method of F						
Method of S	Sampling					
	Vol.	Total Vol				
Time	Removed	HZO	рН	Temp.	Conductivity	Comments
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				Water So	ample Collec	tion Form	
Sample Loc	ation	Dogie Com	pressor Stati	on		Client	Harvest Four Corners, LLC
Sample Dat			21		Р		Dogie East Pit Groundwater Monitoring
Sample Tim							
Sample ID			,			Sampler	
Analyses		BTEX 8021					
Matrix		Groundwat	er			Laboratory	Hall Environmental
Turn Aroun	d Time	Standard				•	Courier
Depth to W	ater	13.15				TD of Well	13.18
Time					Dept		
Vol. of H2O	to nurge	30	allons				
101.011120	to barbe		(height o	of water col	lumn * 0.1631	for 2" well or	0.6524 for 4" well) * 3 well vols
Method of I	Purging	Bailer	_				
Method of	Sampling	Bailer					
		Total Vol	1				
	Vol.	H2O	pH	Temp.	Conductivity		Commonte
Time	Removed	removed	(std. units)	( c)	(us or ms)		Comments
	(gal.)	(gal.)	7 4~	10 0		4.4 100000	
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11:08	1-0	2-0	7-85	15.4	2-78	1	
11:11	1.0	3-0	7-84	15.3	2.78	<u>(r</u>	
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				Water Sc	ample Collec	tion Form					
Sample Loca	ation	Dogie Com	pressor Stati	on		Client	Harvest Four Corners, LLC				
Sample Date		on <u>Dogie Compressor Station</u>				Project Name Dogie East Pit Groundwater M					
Sample Tim											
Sample ID		MW-1	5			Sampler	<u> </u>				
Analyses		BTEX 8021				,	1 34 34 7				
Matrix		Groundwat	er		Laboratory Hall Environmental						
Turn Around	d Time	Standard			Courier						
Depth to W		14.05									
Time	ater	17.05			TD of Well 20-94  Depth to Product 1/4						
		~			Departo Froduct - 10%						
Vol. of H2O	to purge	3, 3	/h = ! = l=4 .		water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols						
		2 .		-							
Method of f		Bailer									
Method of S	Sampling	ling Bailer									
	Vol.	Total Vol									
Time	Removed	H2O	pН	Temp.	Conductivity		Comments				
	(gal.)	removed	(std. units)	( c)	(us or ms)						
12:00		(gal.)	7.80	18,7	15.17	TIAZIS	4 1				
13:03	1.0	2.6	7.79	17-8	15.19	100 bio	d. gral				
13:06		3-0	7.78	17-3		<del></del>					
13:08	1,0	7-0	1018	1110	15-21						
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Water Sample Collection Form											
Sample Loc	ation						Harvest Four Corners, LLC				
Sample Dat			. 1		F		Dogie East Pit Groundwater Monitoring				
Sample Tim		12.50		•							
Sample ID	-	MIA/-1	6			Sampler					
Analyses		BTEX 8021		•							
Matrix Groundwater						Laboratory	Hall Environmental				
Turn Aroun	d Time	Standard		-			Courier				
Depth to W				•		TD of Well	18.6/				
Time					NA NA						
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Vol. of H2O	to purge	(height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols									
Mothod of	(height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols					0.0524 Joi 4 Weny 3 Wen Vois					
Method of Purging  Method of Sampling											
wiethou of .	Samping										
	Vol.	Total Vol		_		,					
Time	Removed	H2O removed	pH (std_units)	Temp.	Conductivity		Comments				
	(gal.)	removed (gal.)	(std. units)	( C)	(us or ms)						
12:30	0.5	0.5	7.76	19-1	7.25	Turkid	1t. brown				
12:33	0.5	1.6	7.73	17.8	7.26						
17:36	0.25	1.25	7.71	17.5	7.26	V					
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Water Sample Collection Form							
Sample Loc	ation						
Sample Dat					F		Dogie East Pit Groundwater Monitoring
Sample Tim		<u> </u>			·		
Sample ID		MW-1	7			Sampler	
Analyses		BTEX 8021					
Matrix Groundwater						Laboratory	Hall Environmental
Turn Aroun	d Time	Standard					Courier
Depth to W	ater	DRV				TD of Well	
Time							
Vol. of H2O to purge							
(height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols							r 0.6524 for 4" well) * 3 well vols
Method of	Purging					•	, ,
Method of							
	T	T-4-13/-1					
	Vol. Total Vol PH Temp. Conductivity						
Time	Removed	removed	(std. units)	( C)	(us or ms)		Comments
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Water Sample Collection Form										
Sample Location Dogie Compressor Station						Client	Harvest Four Corners, LLC			
	Sample Date  8/24				Р		Dogie East Pit Groundwater Monitoring			
Sample Tim					·					
Sample ID			 }			Sampler	Ec			
Analyses		BTEX 8021								
Matrix		Groundwat	er			Laboratory	Hall Environmental			
Turn Aroun	d Time	Standard				,	Courier			
Depth to W			·			TD of Well	15.35			
Time										
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Vol. of H2O	to purge	0.8	(haiaht c	f water col	umn * 0 1621	for 2" well o	r 0.6524 for 4" well) * 3 well vols			
Method of	Durging	Bailer								
Method of										
		Bailer								
	Vol.	Total Vol		<b>T</b>	C 4 45 24					
Time	Removed	H2O removed	pH (std. units)	Temp. ( C)	(us or ms)		Comments			
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Sample Loc		Dogie Compressor Station Client Harvest Four Corners, LLC								
Sample Dat	e	8/24	1/21		Pi		Dogie East Pit Groundwater Monitoring			
Sample Tim	ie	13:30	13:36 Project #							
Sample ID					Sampler $\overline{\mathcal{F}}\mathcal{C}$					
Analyses		BTEX 8021		***						
Matrix		Groundwat	er			Laboratory	Hall Environmental			
Turn Aroun	d Time	Standard					Courier			
Depth to W	ater	10-60			TD of Well 15.43					
Time					Depth to Product NA					
Vol. of H2O	to purge	2.3								
	, 0		(height o	of water co	lumn * 0.1631 j	or 2" well o	r 0.6524 for 4" well) * 3 well vols			
Method of	Purging	Baile	1							
Method of	Sampling	Bailer								
	1	Total Vol				· · · · · · · · · · · · · · · · · · ·				
	Vol.	H2O	рН	Temp.	Conductivity		Comments			
Time	Removed	removed	(std. units)	( C)	(us or ms)		comments			
	(gal.)	(gal.)	7.50		0.7 ***					
13:20	0.30	0.30	7.58	16.3	27.7	TWON	el, black, organic			
13272	0.50	1.00	7.61	16.1	27.8		1			
13:24	0.50	1.50	7.61	16.0	28.3	-	/			
13:26	0-50	2.00	7-61	15.8	28.4		<u></u>			
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## ENCLOSURE B – LABORATORY ANALYTICAL REPORTS



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

March 12, 2021

Kijun Hong

Harvest 1755 Arroyo Dr.

Bloomfield, NM 87413 TEL: (505) 632-4475

FAX:

RE: Dogie CS OrderNo.: 2103327

#### Dear Kijun Hong:

Hall Environmental Analysis Laboratory received 10 sample(s) on 3/5/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

and st

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order **2103327** 

Date Reported: 3/12/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-10

 Project:
 Dogie CS
 Collection Date: 3/4/2021 1:10:00 PM

 Lab ID:
 2103327-001
 Matrix: AQUEOUS
 Received Date: 3/5/2021 8:55:00 AM

Analyses	Result	RL Qı	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES					Analyst	: CCM
Benzene	ND	1.0	μg/L	1	3/9/2021 12:04:00 PM	R75834
Toluene	ND	1.0	μg/L	1	3/9/2021 12:04:00 PM	R75834
Ethylbenzene	ND	1.0	μg/L	1	3/9/2021 12:04:00 PM	R75834
Xylenes, Total	ND	2.0	μg/L	1	3/9/2021 12:04:00 PM	R75834
Surr: 4-Bromofluorobenzene	94.1	80-120	%Rec	1	3/9/2021 12:04:00 PM	R75834

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

Qualifiers:

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

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

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Lab Order **2103327**Date Reported: **3/12/2021** 

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-11

 Project:
 Dogie CS
 Collection Date: 3/4/2021 1:00:00 PM

 Lab ID:
 2103327-002
 Matrix: AQUEOUS
 Received Date: 3/5/2021 8:55:00 AM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES					Analys	t: CCM
Benzene	ND	1.0	μg/L	1	3/9/2021 12:24:00 PM	R75834
Toluene	ND	1.0	μg/L	1	3/9/2021 12:24:00 PM	R75834
Ethylbenzene	ND	1.0	μg/L	1	3/9/2021 12:24:00 PM	R75834
Xylenes, Total	ND	2.0	μg/L	1	3/9/2021 12:24:00 PM	R75834
Surr: 4-Bromofluorobenzene	92.1	80-120	%Rec	1	3/9/2021 12:24:00 PM	R75834

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

Qualifiers:

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

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

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**CLIENT:** Harvest

#### **Analytical Report**

Lab Order **2103327**Date Reported: **3/12/2021** 

## Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: MW-12

 Project:
 Dogie CS
 Collection Date: 3/4/2021 1:35:00 PM

 Lab ID:
 2103327-003
 Matrix: AQUEOUS
 Received Date: 3/5/2021 8:55:00 AM

Analyses	Result	RL Qı	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES					Analy	st: CCM
Benzene	120	5.0	μg/L	5	3/9/2021 12:44:00 PM	1 R75834
Toluene	70	1.0	μg/L	1	3/9/2021 1:04:00 PM	R75834
Ethylbenzene	ND	1.0	μg/L	1	3/9/2021 1:04:00 PM	R75834
Xylenes, Total	30	2.0	μg/L	1	3/9/2021 1:04:00 PM	R75834
Surr: 4-Bromofluorobenzene	95.9	80-120	%Rec	1	3/9/2021 1:04:00 PM	R75834

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

Qualifiers:

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

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

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Lab Order **2103327** 

#### Date Reported: 3/12/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-13

 Project:
 Dogie CS
 Collection Date: 3/4/2021 12:50:00 PM

 Lab ID:
 2103327-004
 Matrix: AQUEOUS
 Received Date: 3/5/2021 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analys	t: CCM
Benzene	ND	1.0	Р	μg/L	1	3/9/2021 1:24:00 PM	R75834
Toluene	ND	1.0	Р	μg/L	1	3/9/2021 1:24:00 PM	R75834
Ethylbenzene	ND	1.0	Р	μg/L	1	3/9/2021 1:24:00 PM	R75834
Xylenes, Total	ND	2.0	Р	μg/L	1	3/9/2021 1:24:00 PM	R75834
Surr: 4-Bromofluorobenzene	105	80-120	Р	%Rec	1	3/9/2021 1:24:00 PM	R75834

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

Qualifiers:

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

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

Page 4 of 12

Lab Order **2103327** 

Date Reported: 3/12/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-14

 Project:
 Dogie CS
 Collection Date: 3/4/2021 12:40:00 PM

 Lab ID:
 2103327-005
 Matrix: AQUEOUS
 Received Date: 3/5/2021 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analys	: CCM
Benzene	ND	1.0	Р	μg/L	1	3/9/2021 1:43:00 PM	R75834
Toluene	ND	1.0	Р	μg/L	1	3/9/2021 1:43:00 PM	R75834
Ethylbenzene	ND	1.0	Р	μg/L	1	3/9/2021 1:43:00 PM	R75834
Xylenes, Total	ND	2.0	Р	μg/L	1	3/9/2021 1:43:00 PM	R75834
Surr: 4-Bromofluorobenzene	102	80-120	Р	%Rec	1	3/9/2021 1:43:00 PM	R75834

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

Qualifiers:

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

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

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Lab Order **2103327**Date Reported: **3/12/2021** 

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-15

 Project:
 Dogie CS
 Collection Date: 3/4/2021 1:55:00 PM

 Lab ID:
 2103327-006
 Matrix: AQUEOUS
 Received Date: 3/5/2021 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analys	t: CCM
Benzene	8.6	1.0	Р	μg/L	1	3/9/2021 2:03:00 PM	R75834
Toluene	ND	1.0	Р	μg/L	1	3/9/2021 2:03:00 PM	R75834
Ethylbenzene	ND	1.0	Р	μg/L	1	3/9/2021 2:03:00 PM	R75834
Xylenes, Total	ND	2.0	Р	μg/L	1	3/9/2021 2:03:00 PM	R75834
Surr: 4-Bromofluorobenzene	97.0	80-120	Р	%Rec	1	3/9/2021 2:03:00 PM	R75834

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

Qualifiers:

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

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

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Lab Order **2103327** 

Date Reported: 3/12/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-16

 Project:
 Dogie CS
 Collection Date: 3/4/2021 1:20:00 PM

 Lab ID:
 2103327-007
 Matrix: AQUEOUS
 Received Date: 3/5/2021 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst	: CCM
Benzene	ND	1.0	Р	μg/L	1	3/9/2021 2:23:00 PM	R75834
Toluene	ND	1.0	Р	μg/L	1	3/9/2021 2:23:00 PM	R75834
Ethylbenzene	ND	1.0	Р	μg/L	1	3/9/2021 2:23:00 PM	R75834
Xylenes, Total	ND	2.0	Р	μg/L	1	3/9/2021 2:23:00 PM	R75834
Surr: 4-Bromofluorobenzene	92.6	80-120	Р	%Rec	1	3/9/2021 2:23:00 PM	R75834

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

Qualifiers:

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

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

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Lab Order **2103327** 

## Hall Environmental Analysis Laboratory, Inc. Date Reported: 3/12/2021

CLIENT: Harvest Client Sample ID: MW-18

 Project:
 Dogie CS
 Collection Date: 3/4/2021 2:00:00 PM

 Lab ID:
 2103327-008
 Matrix: AQUEOUS
 Received Date: 3/5/2021 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analys	: CCM
Benzene	ND	2.0	DP	μg/L	2	3/9/2021 2:43:00 PM	R75834
Toluene	ND	2.0	DP	μg/L	2	3/9/2021 2:43:00 PM	R75834
Ethylbenzene	ND	2.0	DP	μg/L	2	3/9/2021 2:43:00 PM	R75834
Xylenes, Total	ND	4.0	DP	μg/L	2	3/9/2021 2:43:00 PM	R75834
Surr: 4-Bromofluorobenzene	89.3	80-120	DP	%Rec	2	3/9/2021 2:43:00 PM	R75834

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

Qualifiers:

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

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

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Lab Order **2103327** 

## Hall Environmental Analysis Laboratory, Inc. Date Reported: 3/12/2021

CLIENT: Harvest Client Sample ID: MW-19

 Project:
 Dogie CS
 Collection Date: 3/4/2021 2:10:00 PM

 Lab ID:
 2103327-009
 Matrix: AQUEOUS
 Received Date: 3/5/2021 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analys	t: CCM
Benzene	ND	1.0	Р	μg/L	1	3/9/2021 3:03:00 PM	R75834
Toluene	ND	1.0	Р	μg/L	1	3/9/2021 3:03:00 PM	R75834
Ethylbenzene	ND	1.0	Р	μg/L	1	3/9/2021 3:03:00 PM	R75834
Xylenes, Total	ND	2.0	Р	μg/L	1	3/9/2021 3:03:00 PM	R75834
Surr: 4-Bromofluorobenzene	91.2	80-120	Р	%Rec	1	3/9/2021 3:03:00 PM	R75834

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

Qualifiers:

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

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

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**CLIENT:** Harvest

### **Analytical Report**

Lab Order **2103327**Date Reported: **3/12/2021** 

## Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: MW-20

 Project:
 Dogie CS
 Collection Date: 3/4/2021 2:55:00 PM

 Lab ID:
 2103327-010
 Matrix: AQUEOUS
 Received Date: 3/5/2021 8:55:00 AM

Analyses	Result	RL Qı	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES					Analys	t: CCM
Benzene	ND	1.0	μg/L	1	3/9/2021 3:42:00 PM	R75834
Toluene	ND	1.0	μg/L	1	3/9/2021 3:42:00 PM	R75834
Ethylbenzene	ND	1.0	μg/L	1	3/9/2021 3:42:00 PM	R75834
Xylenes, Total	5.1	2.0	μg/L	1	3/9/2021 3:42:00 PM	R75834
Surr: 4-Bromofluorobenzene	98.5	80-120	%Rec	1	3/9/2021 3:42:00 PM	R75834

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

Qualifiers:

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

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

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### **QC SUMMARY REPORT**

### Hall Environmental Analysis Laboratory, Inc.

WO#: **2103327** 

12-Mar-21

Client: Harvest
Project: Dogie CS

Sample ID: 100ng BTEX Ics	SampT	ype: <b>LC</b>	s	Tes	estCode: EPA Method 8021B: Volatiles					
Client ID: LCSW	Batcl	n ID: <b>R7</b>	5834	F	RunNo: <b>75834</b>					
Prep Date:	Analysis Date: 3/9/2021			S	SeqNo: <b>2683106</b> U					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	18	2.5	20.00	0	91.6	80	120			
Benzene	20	1.0	20.00	0	98.8	80	120			
Toluene	20	1.0	20.00	0	98.6	80	120			
Ethylbenzene	20	1.0	20.00	0	98.3	80	120			
Xylenes, Total	58	2.0	60.00	0	97.5	80	120			
1,2,4-Trimethylbenzene	19	1.0	20.00	0	93.1	80	120			
1,3,5-Trimethylbenzene	19	1.0	20.00	0	93.9	80	120			
Surr: 4-Bromofluorobenzene	18		20.00		90.9	80	120			
Surr: 4-Bromofluorobenzene	18		20.00		90.9	80	120			

Sample ID: MB SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBW Batch ID: R75834 RunNo: 75834 Prep Date: Analysis Date: 3/9/2021 SeqNo: 2683107 Units: µg/L Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Methyl tert-butyl ether (MTBE) ND 2.5 ND Benzene 1.0 ND Toluene 1.0 Ethylbenzene ND 1.0 Xylenes, Total ND 2.0 1,2,4-Trimethylbenzene ND 1.0 1,3,5-Trimethylbenzene ND 1.0 Surr: 4-Bromofluorobenzene 20.00 93.6 19 80 120

Sample ID: 2103327-001ams	SampT	ype: <b>MS</b>	<b>;</b>	TestCode: EPA Method 8021B: Volatiles						
Client ID: MW-10	Batch	1D: <b>R7</b>	5834	F	RunNo: <b>7</b>					
Prep Date:	Analysis D	Analysis Date: <b>3/9/2021</b> SeqNo: <b>2683119</b> Un								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	91.4	80	120			
Toluene	18	1.0	20.00	0	91.9	80	120			
Ethylbenzene	18	1.0	20.00	0	91.0	80	120			
Xylenes, Total	54	2.0	60.00	0	89.8	80	120			
Surr: 4-Bromofluorobenzene	18		20.00		92.1	80	120			

Sample ID: 2103327-001amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles Client ID: MW-10 Batch ID: R75834 RunNo: 75834 Prep Date: Analysis Date: 3/9/2021 SeqNo: 2683120 Units: µg/L Analyte Result SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 80 20 17 1.0 20.00 0 85.9 120 6.29 Benzene

#### Qualifiers:

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

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

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## **QC SUMMARY REPORT**

## Hall Environmental Analysis Laboratory, Inc.

WO#: **2103327** 

12-Mar-21

Client: Harvest
Project: Dogie CS

Sample ID: 2103327-001amsd	SampT	ype: <b>MS</b>	SD .	Tes	tCode: <b>EF</b>					
Client ID: MW-10	Batch	1D: <b>R7</b>	5834	F	RunNo: <b>7</b>	5834				
Prep Date:	Analysis D	ate: 3/9	9/2021	8	SeqNo: 20	683120	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Toluene	17	1.0	20.00	0	86.1	80	120	6.48	20	
Ethylbenzene	17	1.0	20.00	0	85.5	80	120	6.22	20	
Xylenes, Total	51	2.0	60.00	0	84.6	80	120	5.95	20	
Surr: 4-Bromofluorobenzene	18		20.00		88.8	80	120	0	0	

Sample ID: MB-1 MDL Aq	SampT	уре: МЕ	BLK	Tes	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBW	Batcl	Batch ID: R75834			RunNo: <b>7</b>	5834							
Prep Date:	Analysis D	Analysis Date: 3/9/2021			SeqNo: <b>2683121</b> Units:				nits: μg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Methyl tert-butyl ether (MTBE)	ND	2.5											
Benzene	ND	1.0											
Toluene	ND	1.0											
Ethylbenzene	ND	1.0											
Xylenes, Total	ND	2.0											
1,2,4-Trimethylbenzene	ND	1.0											
1,3,5-Trimethylbenzene	ND	1.0											
Surr: 4-Bromofluorobenzene	18		20.00		92.3	80	120						

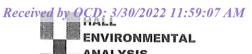
Sample ID: MB-2 MDL Aq	Samp1	уре: <b>МЕ</b>	BLK	Tes	TestCode: EPA Method 8021B: Volatiles						
Client ID: PBW	Batcl	h ID: <b>R7</b>	5834	F	RunNo: <b>7</b>	5834					
Prep Date:	Analysis D	Analysis Date: 3/9/2021			SeqNo: <b>2683122</b> Unit			Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Methyl tert-butyl ether (MTBE)	ND	2.5									
Benzene	ND	1.0									
Toluene	ND	1.0									
Ethylbenzene	ND	1.0									
Xylenes, Total	ND	2.0									
1,2,4-Trimethylbenzene	ND	1.0									
1,3,5-Trimethylbenzene	ND	1.0									
Surr: 4-Bromofluorobenzene	19		20.00		93.0	80	120				

#### Qualifiers:

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

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

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

## Sample Log-In Check List

ANALYSIS LABORATORY

Client Name: Harvest			Work Order Number: 2103327							RcptNo: 1		
Re	ceived By:	Sean Livi	ngeton	3/5/202	1 8:55:00 4	M		<	/	,		
								-L,	got-			
Completed By: Sean Livingston 3/5/2021 10:41:49 A						AIVI		S	_L,	John		
		012 31	2/5/									
Cha	ain of Cust	tody										
1.	1. Is Chain of Custody complete?						<b>V</b>	No		Not Present		
2.	2. How was the sample delivered?						ier					
Lo	g In											
3. Was an attempt made to cool the samples?						Yes	<b>✓</b>	No		NA $\square$		
4 1					NOT THE WOODS			A.L.				
4. Were all samples received at a temperature of >0° C to 6.0°C							<b>V</b>	No		NA 🗌		
5. Sample(s) in proper container(s)?						Yes	<b>✓</b>	No				
6.8	Sufficient samı	ole volume fo	or indicated te	et(e)?		Yes	<b>V</b>	No				
<ul><li>6. Sufficient sample volume for indicated test(s)?</li><li>7. Are samples (except VOA and ONG) properly preserved?</li></ul>							<b>V</b>	No				
8. Was preservative added to bottles?						Yes		No	<b>V</b>	NA 🗆		
9 R	Received at lea	ast 1 vial witl	n headenace	<1/4" for AO V	ΟΛ2	Yes	•	No		na 🗆		
<ol> <li>Received at least 1 vial with headspace &lt;1/4" for AQ VOA?</li> <li>Were any sample containers received broken?</li> </ol>							Yes		<b>V</b>	NA 🗆		
	,					103		110		# of preserved bottles checked	/	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)						Yes	<b>V</b>	No		for pH:	>12 unless noted)	
12. Are matrices correctly identified on Chain of Custody?						Yes	<b>V</b>	No		Adjusted?	>12 dilless floted)	
13. Is it clear what analyses were requested?							<b>✓</b>	No				
14. Were all holding times able to be met? (If no, notify customer for authorization.)						Yes	<b>V</b>	No		Checked by: D	AD 03/05/21	
	<i>cial Handli</i>			with this order?		V		N				
13.1			screpancies	with this order?		Yes		No		NA 🗹		
	Person I By Who	,		ACTIVITIES AND ASSESSED TO SEE ASSESSED.	Date Via:	:	a C	Phone	Eov	□ In Doroon		
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16.	Additional ren	narks:										
17.	Cooler Inform	nation										
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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

April 22, 2021

**Brooke Herb** 

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX:

RE: Dogie CS OrderNo.: 2104813

### Dear Brooke Herb:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/17/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

# Analytical Report Lab Order 2104813

Date Reported: 4/22/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: SVE-4

 Project:
 Dogie CS
 Collection Date: 4/16/2021 11:45:00 AM

 Lab ID:
 2104813-001
 Matrix: GROUNDWA
 Received Date: 4/17/2021 8:00:00 AM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES					Analys	t: CCM
Benzene	ND	1.0	μg/L	1	4/20/2021 12:36:00 PM	M B76833
Toluene	ND	1.0	μg/L	1	4/20/2021 12:36:00 PM	M B76833
Ethylbenzene	ND	1.0	μg/L	1	4/20/2021 12:36:00 PM	M B76833
Xylenes, Total	ND	2.0	μg/L	1	4/20/2021 12:36:00 PM	M B76833
Surr: 4-Bromofluorobenzene	85.4	70-130	%Rec	1	4/20/2021 12:36:00 PM	M B76833

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

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

Page 1 of 2

## **QC SUMMARY REPORT**

## Hall Environmental Analysis Laboratory, Inc.

WO#: **2104813** 

22-Apr-21

Client: Harvest
Project: Dogie CS

Sample ID: 2104813-001ams	SampT	уре: МS	3	TestCode: EPA Method 8021B: Volatiles								
Client ID: SVE-4	Batch	n ID: <b>B7</b>	6833	R	RunNo: 7	6833						
Prep Date:	Analysis D	Date: 4/	20/2021	S	SeqNo: 2	723298	Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	18	1.0	20.00	0	90.6	80	120					
Toluene	18	1.0	20.00	0	91.0	80	120					
Ethylbenzene	19	1.0	20.00	0	93.3	80	120					
Xylenes, Total	55	2.0	60.00	0	91.5	80	120					
Surr: 4-Bromofluorobenzene	16		20.00		82.1	70	130					

Sample ID: 2104813-001ams	<b>d</b> SampT	ype: MS	SD	Tes	tCode: El	PA Method	8021B: Volati	les		
Client ID: SVE-4	Batcl	n ID: <b>B7</b>	6833	F	RunNo: 7	6833				
Prep Date:	Analysis D	Date: 4/	20/2021	5	SeqNo: 2	723299	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	87.6	80	120	3.38	20	
Toluene	18	1.0	20.00	0	87.8	80	120	3.54	20	
Ethylbenzene	18	1.0	20.00	0	89.9	80	120	3.73	20	
Xylenes, Total	53	2.0	60.00	0	88.3	80	120	3.65	20	
Surr: 4-Bromofluorobenzene	16		20.00		79.6	70	130	0	0	

Sample ID: MB	SampT	ype: <b>ME</b>	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBW	Batch	n ID: <b>B7</b>	6833	F	RunNo: 7	6833				
Prep Date:	Analysis D	ate: 4/	20/2021	S	SeqNo: 2	723300	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	17		20.00		84.1	70	130			

Sample ID: 100ng btex Ics	SampT	ype: <b>LC</b>	s	Tes	tCode: El	PA Method	8021B: Volati	iles		
Client ID: LCSW	Batch	1D: <b>B7</b>	6833	F	RunNo: 7	6833				
Prep Date:	Analysis D	ate: 4/	20/2021	9	SeqNo: 2	723343	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	93.3	80	120			
Toluene	19	1.0	20.00	0	92.7	80	120			
Ethylbenzene	19	1.0	20.00	0	95.3	80	120			
Xylenes, Total	56	2.0	60.00	0	93.6	80	120			
Surr: 4-Bromofluorobenzene	17		20.00		86.6	70	130			

### Qualifiers:

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

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

Page 2 of 2



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

87109 Sample Log-In Check List

Client Name:	Harvest		Work	Order Num	ber: <b>21048</b>	13		RcptNo	o: 1
Received By:	Cheyenne	Cason	4/17/20	21 8:00:00	AM		Cheml		
Completed By:	Desiree D	ominguez	4/19/20	21 8:21:52	АМ		T		
Reviewed By:	JK u	119/21							
Chain of Cus	stody								
1. Is Chain of C	ustody comp	lete?			Yes 1		No 🗌	Not Present	
2. How was the	sample deliv	ered?			Courie	<u>.</u>			
Log In									
3. Was an atten	npt made to o	ool the samp	les?		Yes 🛭	•	No 🗌	NA 🗌	
4. Were all sam	ples received	at a tempera	ture of >0° C	to 6.0°C	Yes 🖢		No 🗌	na 🗆	
5. Sample(s) in	proper contai	iner(s)?			Yes 🖢		No 🗌		
6. Sufficient san	nple volume f	or indicated te	est(s)?		Yes 🛂	•	No 🗌		
7. Are samples	(except VOA	and ONG) pro	perly preserve	d?	Yes 🗸	•	No 🗆		
8. Was preserva	ative added to	bottles?			Yes 🗆	]	No 🗸	NA 🗌	
9. Received at le	east 1 vial wit	h headspace	<1/4" for AQ V	OA?	Yes 🛂	]	No 🗌	NA 🗀	
10, Were any sar	mple containe	ers received b	roken?		Yes 🗆		No 🔽	# of processed	
44 -						_		# of preserved bottles checked	Malzi
11. Does paperwo (Note discrepa			1		Yes 🗹	<u>'</u>	No 📙	for pH:	r >12 unless noted)
12. Are matrices		-			Yes 🗹	1	No 🗌	Adjusted?	- 12 dilicos fiotod)
· – · 13 _. Is it clear wha			_		Yes 🛂	_	No 🗆		
14. Were all holdi (If no, notify c					Yes 🗹	]	No 🗆	Checked by:	
Special Handl									
15. Was client no			vith this order?	•	Yes	]	No 🗌	NA 🗹	
Person	Notified:		Company and the company of the compa	Date	T	(AC)	· · · · · · · · · · · · · · · · · · ·		]
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17. Cooler Infor	rmation								
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HALL FNVTRONMENTAL		www. hallanvironmental com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis	†O	PO4, S	\$808\cdot \$208\cdot \$208\cdot \$200\cdot \$200\c	ides 103 103	etic 88 / 9M 7 , 7 -ime	8081 Pe PAHs by RCRA 8 Cl, F, B 8260 (Vo 8270 (Se Total Co										, ,	Vleate CCI evic. cornil @ was com		iffes. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
		t	4	Г							^{&gt;} \Ж́∃Т8 ≀08:НЧТ	) >	ľ	·-				_	_	-	Kemarks:			ossibility.
Turn-Around Time:	⊠ Standard □ Rush	Project Name:	Degre CS	Project #:		Project Manager:	Brooke Herb - WSP	Sampler: E. Cerroll On Ice: MY Yes D No	18: 1 3.6+0=3.6	(C), (C)	HEAL NO.	100-				1.8				Vice.	at the lime	Via: Date	Let's	iited laborait
hain-of-Custody Record	Client: Havest Four Corners		Mailing Address:		Phone #:	email or Fax#:	QA/QC Package: ☑ Standard □ Level 4 (Full Validation)	☐ Az Compliance ☐ Other	(ed/		Date Time Matrix Sample Name T	4/16 1145 6W SVE-4								Date: Times: Deliceuished by: D	1435 Ett north	Time: Relinquished by.	11/1/2 11/1/3 ( J. 1/2 ) YC	If necessary, samples submitted to Hall Environmental may be subcontracted to other accred



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

August 31, 2021

Monica Sandoval

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX:

RE: Dogie CS OrderNo.: 2108E81

### Dear Monica Sandoval:

Hall Environmental Analysis Laboratory received 10 sample(s) on 8/26/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 8/31/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-14

 Project:
 Dogie CS
 Collection Date: 8/24/2021 11:15:00 AM

 Lab ID:
 2108E81-001
 Matrix: GROUNDWA
 Received Date: 8/26/2021 6:45:00 AM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES					Analys	t: RAA
Benzene	ND	1.0	μg/L	1	8/27/2021 10:17:00 AM	1 R80869
Toluene	ND	1.0	μg/L	1	8/27/2021 10:17:00 AM	1 R80869
Ethylbenzene	ND	1.0	μg/L	1	8/27/2021 10:17:00 AM	1 R80869
Xylenes, Total	ND	2.0	μg/L	1	8/27/2021 10:17:00 AM	1 R80869
Surr: 4-Bromofluorobenzene	90.2	70-130	%Rec	1	8/27/2021 10:17:00 AM	1 R80869

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

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

Page 1 of 11

Date Reported: 8/31/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-13

 Project:
 Dogie CS
 Collection Date: 8/24/2021 11:30:00 AM

 Lab ID:
 2108E81-002
 Matrix: GROUNDWA
 Received Date: 8/26/2021 6:45:00 AM

Analyses	Result	RL Qı	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES					Analyst	: RAA
Benzene	3.5	1.0	μg/L	1	8/27/2021 9:57:00 AM	R80869
Toluene	ND	1.0	μg/L	1	8/27/2021 9:57:00 AM	R80869
Ethylbenzene	ND	1.0	μg/L	1	8/27/2021 9:57:00 AM	R80869
Xylenes, Total	ND	2.0	μg/L	1	8/27/2021 9:57:00 AM	R80869
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	8/27/2021 9:57:00 AM	R80869

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

Qualifiers:

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

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

Page 2 of 11

Date Reported: 8/31/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-10

 Project:
 Dogie CS
 Collection Date: 8/24/2021 11:40:00 AM

 Lab ID:
 2108E81-003
 Matrix: GROUNDWA
 Received Date: 8/26/2021 6:45:00 AM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES					Analys	t: <b>RAA</b>
Benzene	ND	1.0	μg/L	1	8/27/2021 10:37:00 AM	1 R80869
Toluene	ND	1.0	μg/L	1	8/27/2021 10:37:00 AM	1 R80869
Ethylbenzene	ND	1.0	μg/L	1	8/27/2021 10:37:00 AM	1 R80869
Xylenes, Total	ND	2.0	μg/L	1	8/27/2021 10:37:00 AM	1 R80869
Surr: 4-Bromofluorobenzene	86.2	70-130	%Rec	1	8/27/2021 10:37:00 AM	1 R80869

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

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

pie pH Not in Range
Page 3 of 11

Date Reported: 8/31/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-11

 Project:
 Dogie CS
 Collection Date: 8/24/2021 12:00:00 PM

 Lab ID:
 2108E81-004
 Matrix: GROUNDWA
 Received Date: 8/26/2021 6:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES					Analys	t: RAA
Benzene	ND	1.0	μg/L	1	8/27/2021 10:57:00 AM	1 R80869
Toluene	ND	1.0	μg/L	1	8/27/2021 10:57:00 AM	1 R80869
Ethylbenzene	ND	1.0	μg/L	1	8/27/2021 10:57:00 AM	1 R80869
Xylenes, Total	ND	2.0	μg/L	1	8/27/2021 10:57:00 AM	1 R80869
Surr: 4-Bromofluorobenzene	85.5	70-130	%Rec	1	8/27/2021 10:57:00 AM	1 R80869

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

Qualifiers:

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

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

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Date Reported: 8/31/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-8

 Project:
 Dogie CS
 Collection Date: 8/24/2021 12:05:00 PM

 Lab ID:
 2108E81-005
 Matrix: GROUNDWA
 Received Date: 8/26/2021 6:45:00 AM

Analyses	Result RL Qual U				DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analys	t: RAA
Benzene	ND	1.0	Р	μg/L	1	8/27/2021 11:16:00 AM	M R80869
Toluene	ND	1.0	Р	μg/L	1	8/27/2021 11:16:00 AM	M R80869
Ethylbenzene	ND	1.0	Р	μg/L	1	8/27/2021 11:16:00 AM	/I R80869
Xylenes, Total	ND	2.0	Р	μg/L	1	8/27/2021 11:16:00 AM	/I R80869
Surr: 4-Bromofluorobenzene	85.5	70-130	Р	%Rec	1	8/27/2021 11:16:00 AM	M R80869

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

Qualifiers:

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

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

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Date Reported: 8/31/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: SVE-4

 Project:
 Dogie CS
 Collection Date: 8/24/2021 12:12:00 PM

 Lab ID:
 2108E81-006
 Matrix: GROUNDWA
 Received Date: 8/26/2021 6:45:00 AM

**Analyses** Result **RL Oual Units DF** Date Analyzed **Batch EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 1.0 μg/L 8/27/2021 11:36:00 AM R80869 Toluene ND 1.0 μg/L 8/27/2021 11:36:00 AM R80869 1 Ethylbenzene ND 1.0 μg/L 8/27/2021 11:36:00 AM R80869 Xylenes, Total ND 2.0 μg/L 8/27/2021 11:36:00 AM R80869 Surr: 4-Bromofluorobenzene 83.8 70-130 %Rec 8/27/2021 11:36:00 AM R80869

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

Qualifiers:

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

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

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Date Reported: 8/31/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-16

 Project:
 Dogie CS
 Collection Date: 8/24/2021 12:50:00 PM

 Lab ID:
 2108E81-007
 Matrix: GROUNDWA
 Received Date: 8/26/2021 6:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES					Analys	t: <b>RAA</b>
Benzene	110	10	μg/L	10	8/27/2021 11:36:00 PM	1 R80869
Toluene	ND	2.0	μg/L	2	8/27/2021 11:56:00 AM	1 R80869
Ethylbenzene	ND	2.0	μg/L	2	8/27/2021 11:56:00 AM	1 R80869
Xylenes, Total	ND	4.0	μg/L	2	8/27/2021 11:56:00 AM	1 R80869
Surr: 4-Bromofluorobenzene	86.6	70-130	%Rec	2	8/27/2021 11:56:00 AM	1 R80869

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

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

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Date Reported: 8/31/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-15

 Project:
 Dogie CS
 Collection Date: 8/24/2021 1:10:00 PM

 Lab ID:
 2108E81-008
 Matrix: GROUNDWA
 Received Date: 8/26/2021 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Batch	
EPA METHOD 8021B: VOLATILES						Analys	t: <b>RAA</b>
Benzene	14	1.0	Р	μg/L	1	8/27/2021 12:16:00 PN	1 R80869
Toluene	ND	1.0	Р	μg/L	1	8/27/2021 12:16:00 PM	1 R80869
Ethylbenzene	ND	1.0	Р	μg/L	1	8/27/2021 12:16:00 PM	1 R80869
Xylenes, Total	ND	2.0	Р	μg/L	1	8/27/2021 12:16:00 PM	1 R80869
Surr: 4-Bromofluorobenzene	98.6	70-130	Р	%Rec	1	8/27/2021 12:16:00 PM	1 R80869

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

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

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Date Reported: 8/31/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-18

 Project:
 Dogie CS
 Collection Date: 8/24/2021 1:15:00 PM

 Lab ID:
 2108E81-009
 Matrix: GROUNDWA
 Received Date: 8/26/2021 6:45:00 AM

Analyses	Result	RL Qual Units				Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst	: RAA
Benzene	ND	1.0	Р	μg/L	1	8/27/2021 1:16:00 PM	R80869
Toluene	ND	1.0	Р	μg/L	1	8/27/2021 1:16:00 PM	R80869
Ethylbenzene	ND	1.0	Р	μg/L	1	8/27/2021 1:16:00 PM	R80869
Xylenes, Total	ND	2.0	Р	μg/L	1	8/27/2021 1:16:00 PM	R80869
Surr: 4-Bromofluorobenzene	86.5	70-130	Р	%Rec	1	8/27/2021 1:16:00 PM	R80869

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

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

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Date Reported: 8/31/2021

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: MW-19

 Project:
 Dogie CS
 Collection Date: 8/24/2021 1:30:00 PM

 Lab ID:
 2108E81-010
 Matrix: GROUNDWA
 Received Date: 8/26/2021 6:45:00 AM

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES					Analys	t: <b>RAA</b>
Benzene	3.4	1.0	μg/L	1	8/27/2021 1:36:00 PM	R80869
Toluene	ND	1.0	μg/L	1	8/27/2021 1:36:00 PM	R80869
Ethylbenzene	1.2	1.0	μg/L	1	8/27/2021 1:36:00 PM	R80869
Xylenes, Total	ND	2.0	μg/L	1	8/27/2021 1:36:00 PM	R80869
Surr: 4-Bromofluorobenzene	117	70-130	%Rec	1	8/27/2021 1:36:00 PM	R80869

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

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

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## **QC SUMMARY REPORT**

### Hall Environmental Analysis Laboratory, Inc.

2108E81 31-Aug-21

WO#:

Client: Harvest
Project: Dogie CS

Sample ID: 100ng BTEX LCS	SampT	ype: <b>LC</b>	s	TestCode: EPA Method 8021B: Volatiles									
Client ID: LCSW	Batch	n ID: <b>R8</b>	0869	F	RunNo: 8								
Prep Date:	p Date: Analysis Date: <b>8/27/2021</b> SeqNo: <b>2854016</b> Uni												
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	17	1.0	20.00	0	87.2	80	120						
Toluene	18	1.0	20.00	0	91.4	80	120						
Ethylbenzene	19	1.0	20.00	0	94.9	80	120						
Xylenes, Total	58	2.0	60.00	0	96.2	80	120						
Surr: 4-Bromofluorobenzene	18		20.00		89.6	70	130						

Sample ID: MB-Water	SampT	ype: ME	BLK	TestCode: EPA Method 8021B: Volatiles									
Client ID: PBW	Batch	n ID: <b>R8</b>	0869	F	RunNo: 80869								
Prep Date:	Analysis D	ate: 8/	27/2021	9	SeqNo: 2	854017	Units: µg/L						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	ND	1.0											
Toluene	ND	1.0											
Ethylbenzene	ND	1.0											
Xylenes, Total	ND	2.0											
Surr: 4-Bromofluorobenzene	18		20.00		87.9	70	130						

#### Qualifiers:

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

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

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ABORATORY

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

## Sample Log-In Check List

Client Name: Harvest Work Order Number: 2108E81 RcptNo: 1 Received By: Cheyenne Cason 8/26/2021 6:45:00 AM Completed By: Isaiah Ortiz 8/26/2021 9:13:49 AM Reviewed By: 728/26/21 Chain of Custody 1. Is Chain of Custody complete? Yes 🗸 No 🗌 Not Present 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? No 🗌 NA 🗌 Yes 🗸 4. Were all samples received at a temperature of >0° C to 6.0°C No Yes 🗸 NA 🗌 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? No 🗌 **V** Yes 8. Was preservative added to bottles? Yes No V NA 🗌 9. Received at least 1 vial with headspace <1/4" for AQ VOA? NA 🗌 Yes 🗸 No 10. Were any sample containers received broken? Yes No V # of preserved bottles checked Yes 🗸 11. Does paperwork match bottle labels? No 🗌 for pH: (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? Yes 🗸 12. Are matrices correctly identified on Chain of Custody? No 🗌 No 🗌 13. Is it clear what analyses were requested? Yes **V** Checked by: TML 8.76.71 14. Were all holding times able to be met? Yes 🗸 No 🗌 (If no, notify customer for authorization.) Special Handling (if applicable) Yes 15. Was client notified of all discrepancies with this order? NA V No 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 2.0 Good Not Present

	HALL ENVIRONMENTAL PART ANAL STATE OF THE PART OF THE		- Abhanerale NM 87109	Fax 505-345-4107	Analysis Request	(tr		NO ₂ ,	/ΟΛ (°2)	اد, N (AO) -imə	RCRA 8 CI, F, E 8260 (V 8270 (S Total Co													Pag
			4901 Hawkins NF	Tel 505-345-3975			PCB's	0 / DRA 04.1) 04.1)	GE( q 2(	15D( etho y 83	8081 P. M) BDB PAHs b		*	*	*	*	Y	*	*	\ \ \	+	Remarks:	(	2
							WSP	/1 ON [		1-01=2.0 (°C)	HEAL NO.	(t) (t)	200	003	500	CDS	900	200			010	Time	8/25/21 1445	Date Time
Turn-Around Time:	☑ Standard □ Rush		Dogie C5	Project #:		Project Manager:	1 9	Sampler: Eric Couro	# of Coolers: /	Cooler Temp(including CF): 2.	Container Preservative Type and # Type	104	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								ō →	Received by: Via:	SA Jank	Received by: Via:
Chain-of-Custody Record				Pn		Pr	☐ Level 4 (Full Validation)	npliance		ပြ	Co Sample Name Ty	MW-14	MW-13	MW-10	MW-11	MW-8	SVE-4	MW-16	MW-15	MW-18	MW-19		1 My In	
nain-of-Cu	HOWVEST	mica Sandavol	1			-ax#:	ıckage: ard	tion:   Az Compliance  Other			Time Matrix	11:15 GW	11:30	11:40	13:00	13:05	13:12	13:56	13:16	13:15	13:36 ~	Time: Relinquished by:	14:45 En	Time: Relinquished by:
Releas	Client:	Ima	Mailing Address:	11/	:# auouc 28/2	200 Fax#:	AAQC Package: 以来 Standard	Accreditation:	□ EDD (Type)		Date	1 4018	17	1	15	13	10	16	13	1,4	(K	Date: Tir	11 50/8	Date: Tir

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

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 94355

### **CONDITIONS**

Operator:	OGRID:
Harvest Four Corners, LLC	373888
1111 Travis Street	Action Number:
Houston, TX 77002	94355
	Action Type:
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

#### CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of the 2021 Annual Groundwater Report: Content satisfactory 1. Continue with future work stated within 2021 Annual Groundwater Report. 2. Groundwater samples will be collected semi-annually and analyzed for BTEX from monitoring wells MW-10 through MW-20, and annually from MW-3, SVE-4, MW-5, MW-6, MW-7, and MW-8 if there is sufficient water and/or no PSH is present. 3. Continue operating the PSH recovery system on monitoring wells MW-6 and MW-7 without rotating the system to other locations until measurable product is not present. 4. Continue to utilize passive PSH recovery methods on any other wells where observable PSH levels is encountered. 5. Continue with PSH bailing and product absorbent sock replacement during monthly O&M visits for the solar powered pneumatic PSH recovery system. 6. Once the PSH plume has been remediated, assess options to address dissolve phase groundwater impacts. 7. Submit the next annual monitoring report no later than March 31, 2023.	11/28/2022