



September 28, 2021

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

**Subject: 2020 Annual Groundwater Report  
Dogie East Pit  
3RP-312-0  
Incident # nAUTOfAB000124  
Rio Arriba County, New Mexico**

Review of the 2020 Annual Groundwater  
Report: Content satisfactory

1. Continue with future work stated within 2020 Annual Groundwater Report
2. Submit the Annual Monitoring Report to the OCD no later than March 31, 2022

Dear Mr. Hayes

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 2020. 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 was 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) 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 the NMWQCC standards. The excavation was subsequently backfilled and, in May 1998, monitoring wells MW-1, MW-2, MW-3, and MW-4 were installed (Figure 2). In December 1998, monitoring well MW-5 and a 4-inch soil vapor extraction (SVE) well were installed and a pilot test was conducted; however, SVE was never implemented 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 dehydrator 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 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 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 PSH recovery system in monitoring well MW-6.

## 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 of the pneumatic pumping 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, and MW-7.

### WATER AND PSH LEVEL MEASUREMENTS

Groundwater and PSH monitoring included recording depth to PSH and depth to groundwater measurements at all monitoring wells with an oil/water interface probe. The interface probe was decontaminated with Alconox™ soap and rinsed with de-ionized 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 2020 (Figure 2), June 2020 (Figure 3), September 2020 (Figure 4), and December 2020 (Figure 5). Contours were inferred based on groundwater elevations obtained and observations of physical characteristics at the Site (topography, proximity to irrigation ditches, etc.). Depth to groundwater ranged from 7.71 feet below top of casing (BTOC) in MW-20 in March 2020 to 19.39 feet BTOC in MW-6 in September 2020. Groundwater elevation data is summarized in Table 1.

### GROUNDWATER SAMPLING

In March 2020 and September 2020, 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 ( $^{\circ}$ ) Celsius for temperature). Purge water was containerized and disposed of on site. Copies of the field notes are presented in Appendix A.

Once each monitoring well was purged, groundwater samples were collected by filling three 40-milliliter (mL) glass vials. The laboratory-supplied vials were filled and capped with no 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 using EPA Method 8021B. Groundwater analytical results are presented in Table 2.

## PSH RECOVERY

In March 2018, WSP installed a solar powered pneumatic pumping 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 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 2020 to monitor system performance, PSH recovery, and conduct system maintenance. During each inspection PSH thickness and PSH recovery were recorded. The PSH recovery system was rotated to another site in November 2019 and re-installed at this location in March 2020. 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. PSH recovery volumes, operational data, and system maintenance data are summarized on Table 3 and 4. Throughout 2020, an estimated 1.37 gallons and 2.87 gallons of product were recovered from MW-6 and MW-7, respectively. Since installation of the product recovery system in March 2018, an estimated total of 16.31 gallons and 3.01 gallons of product have been recovered between monitoring wells MW-6 and MW07, respectively, for a total of 19.32 gallons.

## RESULTS

Depth to groundwater and depth to PSH were measured during the 2020 quarterly monitoring events. Depth to water and PSH are summarized in Table 1. Product thickness was observed in monitoring wells MW-6 and MW-7 in March 2020, June 2020, September 2020, and December 2020. Product thickness in MW-6 ranged from 0.61 feet in March to 1.79 feet in September. Product thickness in MW-7 ranged from 0.33 feet in March to 1.15 feet in September. Product thickness was also observed in monitoring wells MW-3 and MW-5 in September 2020, with thickness of 0.08 feet and 0.18 feet, respectively. Product thickness of 0.15 feet was observed in MW-5 in December 2020.

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 3, 4, 5, and 6) which is consistent with previous monitoring events.

In March 2020, laboratory analytical results indicated that benzene concentrations in monitoring wells MW-12 and MW-19 exceeded NMWQCC groundwater standards of 5 micrograms ( $\mu\text{g/L}$ ) with concentrations of 320  $\mu\text{g/L}$  and 13  $\mu\text{g/L}$  respectively. During the September 2020 monitoring event, analytical results indicate that benzene concentrations exceeded NMWQCC groundwater standard in monitoring wells MW-12 and MW-19 with concentrations of 170  $\mu\text{g/L}$  and 17  $\mu\text{g/L}$  respectively. Monitoring well MW-15 exhibited benzene concentrations of 2.1  $\mu\text{g/L}$  and 1.8  $\mu\text{g/L}$  in the March and September sampling events, respectively, but was in compliance with the applicable NMWQCC groundwater standard. Monitoring wells MW-12 and MW-19 exhibited toluene, ethylbenzene, and total xylene concentrations in the March and September sampling events that were in compliance with the applicable NMWQCC groundwater standards. Analytical results are listed in Table 2 and presented on Figures 3 and 5.

## CONCLUSION

PSH was detected in monitoring well MW-7 and continued to accumulate in monitoring well MW-6 which is cross-and downgradient of the original source area. After disassembly of the pneumatic pumping system and removal from MW-6 in November 2019, product recovery socks were installed in both monitoring wells for passive recovery of PSH. The solar pneumatic pumping system was re-installed in MW-6 in March 2020, and an additional recovery pump was added to MW-7 in August 2020. Approximately 1.37 gallons of PSH were recovered from monitoring well MW-6 and 2.87 gallons from monitoring well MW-7 through various product recovery techniques in 2020.



Measured PSH thickness in monitoring well MW-6 ranged from 0.61 feet to 1.79 feet and 0.33 feet to 1.15 feet in monitoring well MW-7. PSH was also observed in monitoring well MW-3 in September with a thickness of 0.08 feet and in MW-5 in September and December with a thickness of 0.18 feet and 0.15 feet, respectively.

Groundwater samples from MW-12 and MW-19 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 and MW-20 did not exceed NMWQCC standards. Monitoring well MW-18 was dry and was not sampled in either the March or September monitoring event.

## 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 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. 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 operation and maintenance 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,

A handwritten signature in blue ink, appearing to read 'D. Burns'.

Danny Burns  
Consultant, Geologist

A handwritten signature in blue ink, appearing to read 'Ashley L. Ager'.

Ashley Ager, PG  
Vice President, Geologist

Enclosed:

Figure 1: Site Location Map

Figure 2: Site Map

Figure 3: Groundwater Elevations and Analytical Results (March 2020)

Figure 4: Groundwater Elevations (June 2020)

Figure 5: Groundwater Elevations and Analytical Results (September 2020)

Figure 6: Groundwater Elevations (December 2020)

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: 2020 Sample Collection Forms

Enclosure B: Laboratory Analytical Reports



## FIGURES

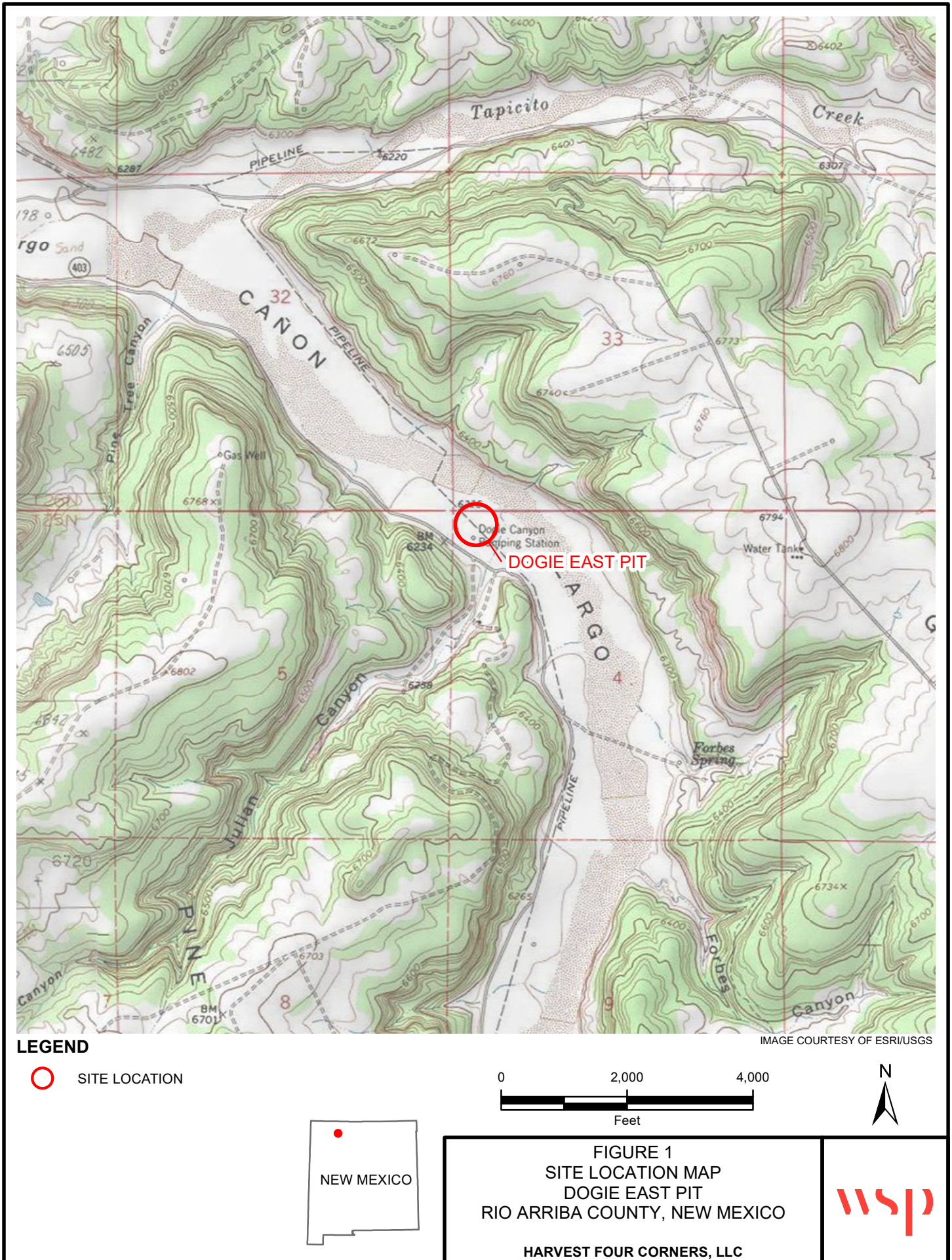






IMAGE COURTESY OF ESRI

**LEGEND**

⊗ MONITORING WELL

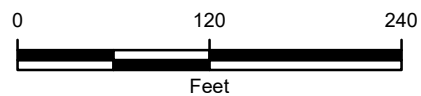


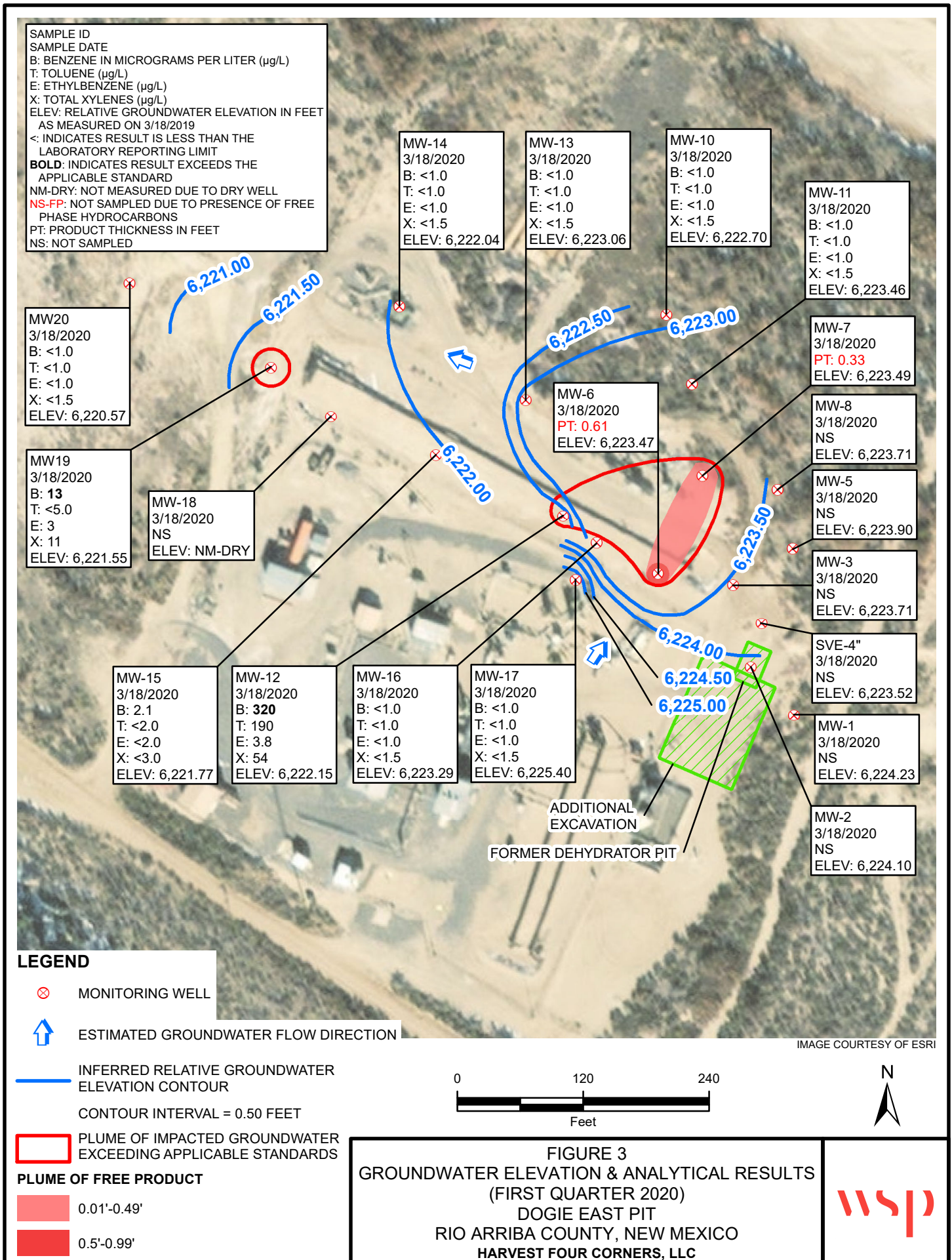
FIGURE 2  
SITE MAP  
DOGIE EAST PIT  
RIO ARriba COUNTY, NEW MEXICO

HARVEST FOUR CORNERS, LLC

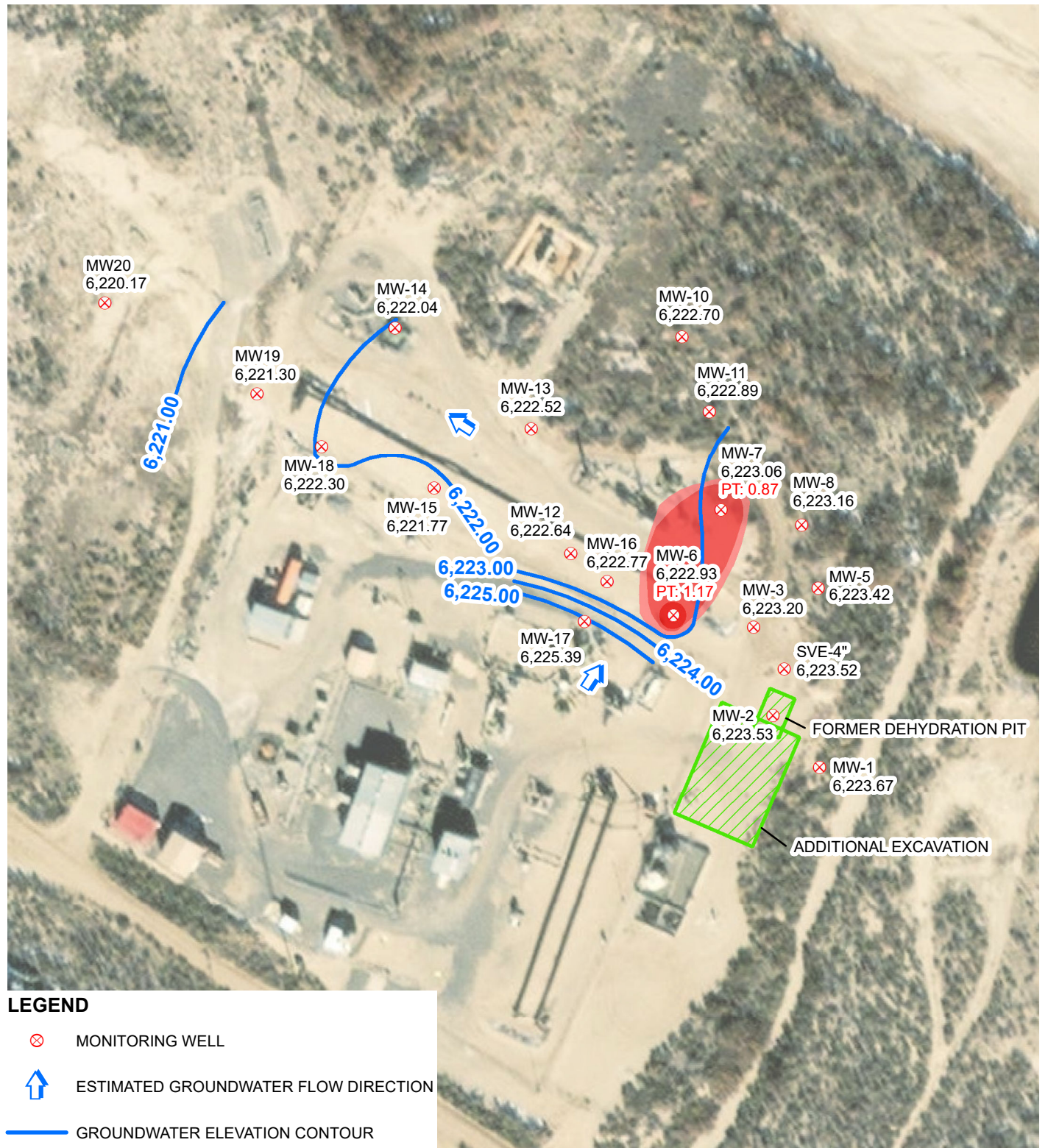


P:\Harvest Four Corners\GIS\MXD\090319013\_DOGIE EAST PIT\090319013\_DOGIES\_FIG02\_SITE\_2019.mxd







**LEGEND**

MONITORING WELL



ESTIMATED GROUNDWATER FLOW DIRECTION

GROUNDWATER ELEVATION CONTOUR

CONTOUR INTERVAL = 1.00 FEET

**PLUME OF FREE PRODUCT**

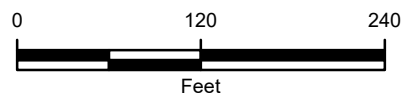
0.01'-0.49'

0.5'-0.99'

&gt;1.0'

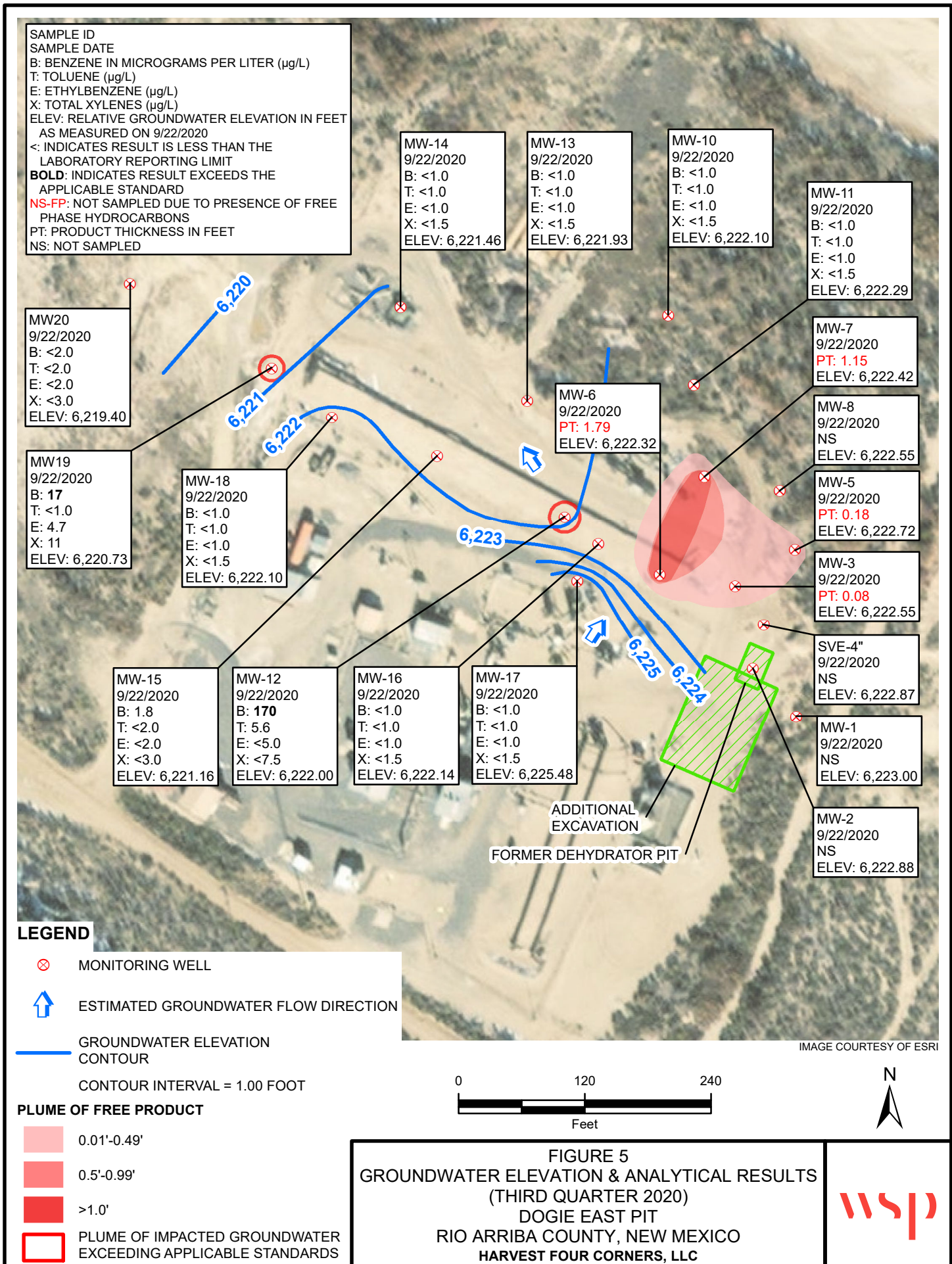
GROUNDWATER ELEVATION MEASUREMENTS  
IN FEET ABOVE MEAN SEA LEVEL ON JUNE 11, 2020.

PT: PRODUCT THICKNESS IN FEET



**FIGURE 4**  
**GROUNDWATER ELEVATION CONTOUR MAP**  
 (SECOND QUARTER 2020)  
 DOGIE EAST PIT  
 RIO ARRIBA COUNTY, NEW MEXICO  
 HARVEST FOUR CORNERS, LLC







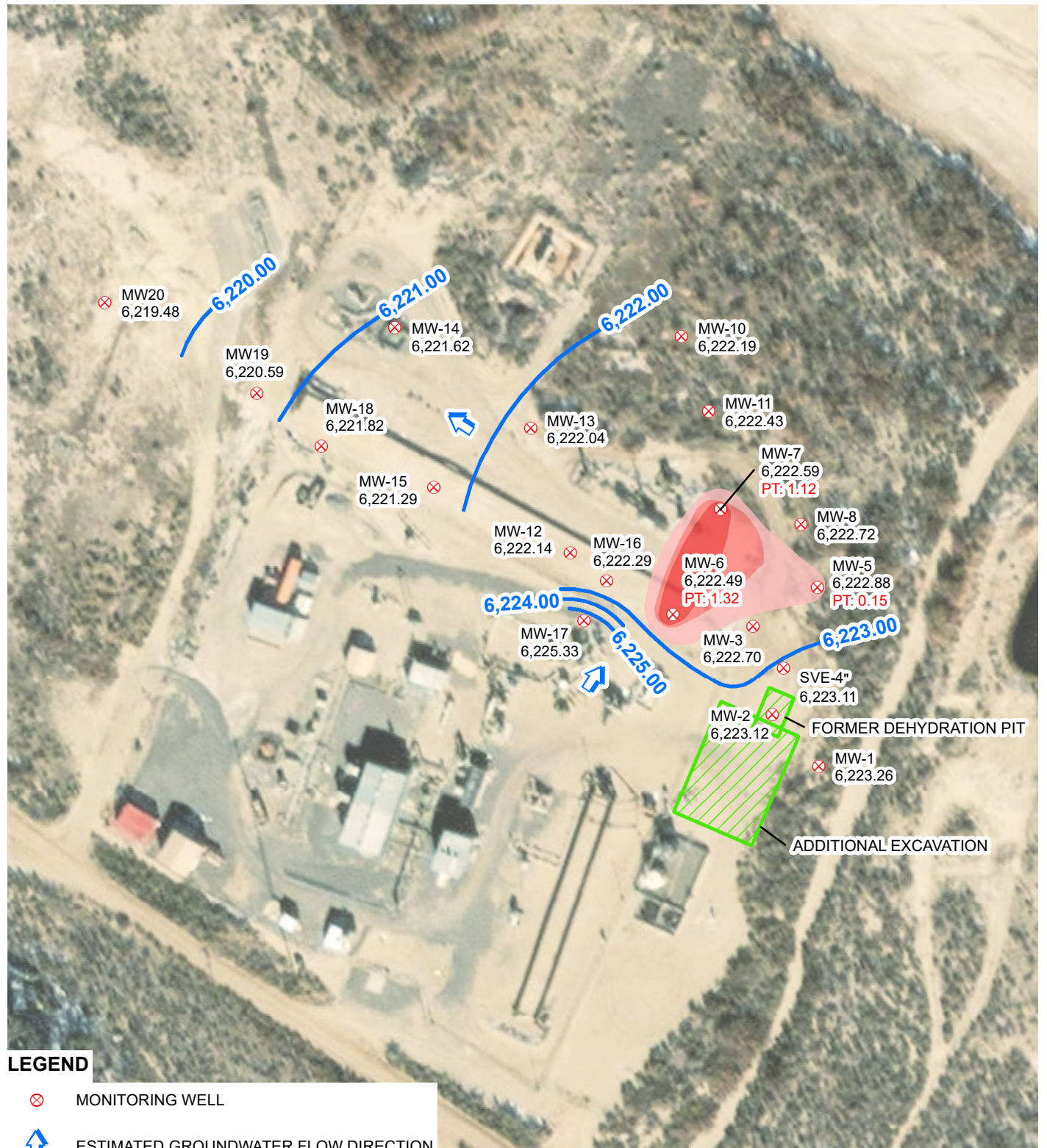


IMAGE COURTESY OF ESRI

**LEGEND**

MONITORING WELL



ESTIMATED GROUNDWATER FLOW DIRECTION

GROUNDWATER ELEVATION CONTOUR  
CONTOUR INTERVAL = 1.00 FOOT

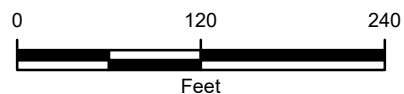
0.01'-0.49'

0.5'-0.99'

&gt;1.0'

GROUNDWATER ELEVATION MEASUREMENTS  
IN FEET ABOVE MEAN SEA LEVEL ON DECEMBER 18, 2020.

PT: PRODUCT THICKNESS IN FEET



**FIGURE 6**  
**GROUNDWATER ELEVATION CONTOUR MAP**  
(FOURTH QUARTER 2020)  
**DOGIE EAST PIT**  
**RIO ARRIBA COUNTY, NEW MEXICO**  
**HARVEST FOUR CORNERS, LLC**

## TABLES



TABLE 1

**GROUNDWATER ELEVATION SUMMARY**  
**DOGIE EAST PIT**  
**RIO ARriba COUNTY, NEW MEXICO**

| Well ID | Date       | Top of Casing<br>Elevation<br>(feet) | Depth to<br>Groundwater<br>(feet BTOC) | Depth to<br>Product<br>(feet BTOC) | Product<br>Thickness (feet) | Groundwater<br>Elevation<br>(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-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                                |
| 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                                |

TABLE 1

**GROUNDWATER ELEVATION SUMMARY**  
**DOGIE EAST PIT**  
**RIO ARriba COUNTY, NEW MEXICO**

| Well ID | Date       | Top of Casing<br>Elevation<br>(feet) | Depth to<br>Groundwater<br>(feet BTOC) | Depth to<br>Product<br>(feet BTOC) | Product<br>Thickness (feet) | Groundwater<br>Elevation<br>(feet AMSL) |
|---------|------------|--------------------------------------|----------------------------------------|------------------------------------|-----------------------------|-----------------------------------------|
| 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-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                                |
| 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                                |



TABLE 1

**GROUNDWATER ELEVATION SUMMARY  
DOGIE EAST PIT  
RIO ARriba COUNTY, NEW MEXICO**

| Well ID | Date       | Top of Casing<br>Elevation<br>(feet) | Depth to<br>Groundwater<br>(feet BTOC) | Depth to<br>Product<br>(feet BTOC) | Product<br>Thickness (feet) | Groundwater<br>Elevation<br>(feet AMSL) |
|---------|------------|--------------------------------------|----------------------------------------|------------------------------------|-----------------------------|-----------------------------------------|
| MW-3    | 12/18/2020 | 6,238.79                             | 16.09                                  | NP                                 | NP                          | 6,222.70                                |
| 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                                |
| 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-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                                |

TABLE 1

**GROUNDWATER ELEVATION SUMMARY**  
**DOGIE EAST PIT**  
**RIO ARriba COUNTY, NEW MEXICO**

| Well ID | Date       | Top of Casing<br>Elevation<br>(feet) | Depth to<br>Groundwater<br>(feet BTOC) | Depth to<br>Product<br>(feet BTOC) | Product<br>Thickness (feet) | Groundwater<br>Elevation<br>(feet AMSL) |
|---------|------------|--------------------------------------|----------------------------------------|------------------------------------|-----------------------------|-----------------------------------------|
| 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                                |
| 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-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                                |



TABLE 1

**GROUNDWATER ELEVATION SUMMARY**  
**DOGIE EAST PIT**  
**RIO ARriba COUNTY, NEW MEXICO**

| Well ID | Date       | Top of Casing<br>Elevation<br>(feet) | Depth to<br>Groundwater<br>(feet BTOC) | Depth to<br>Product<br>(feet BTOC) | Product<br>Thickness (feet) | Groundwater<br>Elevation<br>(feet AMSL) |
|---------|------------|--------------------------------------|----------------------------------------|------------------------------------|-----------------------------|-----------------------------------------|
| 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-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-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                                      |
| MW-9    | 12/5/2013  | P/A                                  | P/A                                    | P/A                                | P/A                         | P/A                                     |

TABLE 1

**GROUNDWATER ELEVATION SUMMARY**  
**DOGIE EAST PIT**  
**RIO ARriba COUNTY, NEW MEXICO**

| Well ID   | Date       | Top of Casing<br>Elevation<br>(feet) | Depth to<br>Groundwater<br>(feet BTOC) | Depth to<br>Product<br>(feet BTOC) | Product<br>Thickness (feet) | Groundwater<br>Elevation<br>(feet AMSL) |
|-----------|------------|--------------------------------------|----------------------------------------|------------------------------------|-----------------------------|-----------------------------------------|
| 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                                |
|           |            |                                      |                                        |                                    |                             |                                         |
| 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                                |
| 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                                |

TABLE 1

**GROUNDWATER ELEVATION SUMMARY**  
**DOGIE EAST PIT**  
**RIO ARriba COUNTY, NEW MEXICO**

| Well ID  | Date       | Top of Casing<br>Elevation<br>(feet) | Depth to<br>Groundwater<br>(feet BTOC) | Depth to<br>Product<br>(feet BTOC) | Product<br>Thickness (feet) | Groundwater<br>Elevation<br>(feet AMSL) |
|----------|------------|--------------------------------------|----------------------------------------|------------------------------------|-----------------------------|-----------------------------------------|
| 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-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                                |
| 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-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                                |



TABLE 1

**GROUNDWATER ELEVATION SUMMARY**  
**DOGIE EAST PIT**  
**RIO ARriba COUNTY, NEW MEXICO**

| Well ID  | Date       | Top of Casing<br>Elevation<br>(feet) | Depth to<br>Groundwater<br>(feet BTOC) | Depth to<br>Product<br>(feet BTOC) | Product<br>Thickness (feet) | Groundwater<br>Elevation<br>(feet AMSL) |
|----------|------------|--------------------------------------|----------------------------------------|------------------------------------|-----------------------------|-----------------------------------------|
| 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                                |
|          |            |                                      |                                        |                                    |                             |                                         |
| 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                                |

**TABLE 1**  
**GROUNDWATER ELEVATION SUMMARY**  
**DOGIE EAST PIT**  
**RIO ARRIBA COUNTY, NEW MEXICO**

| Well ID  | Date       | Top of Casing<br>Elevation<br>(feet) | Depth to<br>Groundwater<br>(feet BTOC) | Depth to<br>Product<br>(feet BTOC) | Product<br>Thickness (feet) | Groundwater<br>Elevation<br>(feet AMSL) |
|----------|------------|--------------------------------------|----------------------------------------|------------------------------------|-----------------------------|-----------------------------------------|
| 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-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                                |
| 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-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-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                                |
| 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                                |

TABLE 1

**GROUNDWATER ELEVATION SUMMARY  
DOGIE EAST PIT  
RIO ARriba COUNTY, NEW MEXICO**

| Well ID  | Date       | Top of Casing<br>Elevation<br>(feet) | Depth to<br>Groundwater<br>(feet BTOC) | Depth to<br>Product<br>(feet BTOC) | Product<br>Thickness (feet) | Groundwater<br>Elevation<br>(feet AMSL) |
|----------|------------|--------------------------------------|----------------------------------------|------------------------------------|-----------------------------|-----------------------------------------|
| MW-16    | 12/18/2020 | 6,237.73                             | 15.44                                  | NP                                 | NP                          | 6,222.29                                |
| 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-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-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                                |
| 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                                |

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

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

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

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

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

AMSL - above mean sea level



TABLE 1

**GROUNDWATER ELEVATION SUMMARY  
DOGIE EAST PIT  
RIO ARriba COUNTY, NEW MEXICO**

| Well ID | Date | Top of Casing<br>Elevation<br>(feet) | Depth to<br>Groundwater<br>(feet BTOC) | Depth to<br>Product<br>(feet BTOC) | Product<br>Thickness (feet) | Groundwater<br>Elevation<br>(feet AMSL) |
|---------|------|--------------------------------------|----------------------------------------|------------------------------------|-----------------------------|-----------------------------------------|
|---------|------|--------------------------------------|----------------------------------------|------------------------------------|-----------------------------|-----------------------------------------|

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

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) |
|-------------------------------|-------------|----------------|----------------|---------------------|----------------------|
| <b>NMWQCC Standard (µg/L)</b> |             | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| MW-1                          | 6/4/1998    | 2.8            | 1.3            | <0.5                | 2.3                  |
|                               | 8/11/1998   | <2.5           | 6.3            | <0.5                | <1.5                 |
|                               | 12/9/1998   | <1             | <1             | <1                  | <3                   |
|                               | 2/10/1999   | <0.5           | <0.5           | <0.5                | <1.5                 |
|                               | 3/30/2010   | NS             | NS             | NS                  | NS                   |
|                               | 6/22/2010   | NS             | NS             | NS                  | NS                   |
|                               | 9/16/2010   | NS             | NS             | NS                  | NS                   |
|                               | 12/9/2010   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 3/10/2011   | NS             | NS             | NS                  | NS                   |
|                               | 6/15/2011   | NS             | NS             | NS                  | NS                   |
|                               | 9/13/2011   | NS             | NS             | NS                  | NS                   |
|                               | 1/6/2012    | NS             | NS             | NS                  | NS                   |
|                               | 4/6/2012    | NS             | NS             | NS                  | NS                   |
|                               | 6/12/2012   | NS             | NS             | NS                  | NS                   |
|                               | 9/27/2012   | NS             | NS             | NS                  | NS                   |
|                               | 12/7/2012   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 3/6/2013    | <1.0           | <1.0           | <1.0                | <2.0                 |
|                               |             |                |                |                     |                      |
| MW-2                          | 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                  |
|                               | 5/10/2000   | <0.5           | <0.5           | 1                   | <1.5                 |
|                               | 11/2/2000   | 16.8           | <1             | 2.07                | <1                   |
|                               | 2/16/2001   | 2.97           | 6.91           | <1                  | <1                   |
|                               | 5/10/2001   | 3.76           | 4.46           | <1                  | <1                   |
|                               | 10/31/2001  | 5.9            | <2.0           | <2.0                | <2.0                 |
|                               | 9/23/2003   | 7.7            | <2.0           | <2.0                | <5.0                 |
|                               | 12/17/2003  | <2.0           | <2.0           | <2.0                | <5.0                 |
|                               | 9/18/2004   | 7.1            | <2.0           | <2.0                | <5.0                 |
|                               | 3/11/2005   | 4.6            | <2.0           | <2.0                | <5.0                 |
|                               | 6/16/2005   | <2.0           | <2.0           | <2.0                | <5.0                 |
|                               | 9/19/2005   | 2.2            | <2.0           | <2.0                | <5.0                 |
|                               | 12/1/2005   | <2.0           | <2.0           | <2.0                | <5.0                 |

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) |
|-------------------------------|-------------|----------------|----------------|---------------------|----------------------|
| <b>NMWQCC Standard (µg/L)</b> |             | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| MW-2                          | 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                 |
|                               | 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                 |
|                               |             |                |                |                     |                      |
| MW-3                          | 6/4/1998    | <b>470</b>     | <b>3,800</b>   | 680                 | <b>6,200</b>         |
|                               | 8/11/1998   | <b>500</b>     | <b>5,200</b>   | <b>730</b>          | <b>5,550</b>         |
|                               | 12/9/1998   | <b>90</b>      | 350            | 540                 | <b>4,240</b>         |
|                               | 2/10/1999   | <b>130</b>     | 810            | 610                 | <b>4,830</b>         |
|                               | 4/27/1999   | <b>220</b>     | <b>1,300</b>   | 520                 | <b>4,140</b>         |
|                               | 9/21/1999   | <b>110</b>     | 920            | 470                 | <b>2,930</b>         |
|                               | 11/16/1999  | <b>180</b>     | <b>1,600</b>   | 440                 | <b>2,620</b>         |
|                               | 2/15/2000   | <b>120</b>     | <b>1,900</b>   | 640                 | <b>5,120</b>         |
|                               | 5/10/2000   | <b>140</b>     | <b>1,500</b>   | 370                 | <b>3,650</b>         |
|                               | 11/3/2000   | <b>277</b>     | <b>3,270</b>   | 552                 | <b>4,350</b>         |
|                               | 2/16/2001   | <b>148</b>     | <b>2,470</b>   | 328                 | <b>2,580</b>         |
|                               | 5/10/2001   | <b>205</b>     | <b>3,080</b>   | 593                 | <b>5,820</b>         |
|                               | 9/23/2003   | <b>230</b>     | 530            | 19                  | <b>1,600</b>         |
|                               | 12/17/2003  | <b>260</b>     | 290            | 24                  | <b>800</b>           |
|                               | 9/18/2004   | <b>170</b>     | 990            | 530                 | <b>2,300</b>         |
|                               | 12/7/2004   | <b>130</b>     | 400            | 530                 | <b>2,500</b>         |
|                               | 3/11/2005   | <b>130</b>     | 12             | 200                 | 540                  |
|                               | 6/16/2005   | <b>330</b>     | 770            | <b>2,300</b>        | <b>3,900</b>         |
|                               | 9/19/2005   | <b>160</b>     | <1.0           | 470                 | <b>1,500</b>         |
|                               | 12/1/2005   | <b>106</b>     | 270            | <b>1,140</b>        | <b>3,260</b>         |



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) |
|-------------------------------|-------------|----------------|----------------|---------------------|----------------------|
| <b>NMWQCC Standard (µg/L)</b> |             | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| MW-3                          | 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                  |
|                               | 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                  |
| MW-4                          | 6/4/1998    | 3,400          | 3,600          | 110                 | 910                  |
|                               | 8/11/1998   | 320            | 1,600          | 60                  | 680                  |
|                               | 12/9/1998   | 7,400          | 12,000         | 130                 | 3,260                |
|                               | 2/10/1999   | 2,700          | 4,400          | 120                 | 1,360                |
|                               | 4/27/1999   | 5,100          | 6,200          | 130                 | 1,600                |
|                               | 9/21/1999   | 3,200          | 3,800          | 130                 | 1,340                |
|                               | 2/15/2000   | 320            | 540            | 26                  | 314                  |
|                               | 5/10/2000   | 4,300          | 2,300          | 130                 | 1,270                |
|                               | 11/2/2000   | 257            | 332            | 19.0                | 196                  |

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) |
|-------------------------------|-------------|----------------|----------------|---------------------|----------------------|
| <b>NMWQCC Standard (µg/L)</b> |             | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| MW-4                          | 2/16/2001   | <b>54</b>      | 17.8           | 1.01                | 19.8                 |
|                               | 5/10/2001   | <b>2,660</b>   | <b>2,130</b>   | 34.6                | <b>792</b>           |
|                               | 10/31/2001  | <b>210</b>     | 420            | 10                  | 260                  |
|                               | 9/23/2003   | <b>23</b>      | 6              | 130                 | 59                   |
|                               | 12/17/2003  | <2.0           | <2.0           | <2.0                | 5.1                  |
|                               | 11/16/2004  | <b>3,200</b>   | <b>1,100</b>   | <10                 | 520                  |
|                               | 9/18/2004   | <b>80</b>      | 170            | 6.7                 | 66                   |
|                               | 3/11/2005   | <2.0           | 2.8            | <2.0                | 10                   |
|                               | 6/16/2005   | <b>310</b>     | <100           | 130                 | 550                  |
|                               | 2/27/2006   | <b>16.7</b>    | 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                 |
|                               |             |                |                |                     |                      |
| MW-5                          | 12/9/1998   | < <b>20</b>    | <b>2,300</b>   | 300                 | <b>2,720</b>         |
|                               | 2/10/1999   | <5             | 860            | 150                 | <b>1,170</b>         |
|                               | 4/27/1999   | <10            | <b>1,000</b>   | 130                 | <b>1,150</b>         |
|                               | 9/21/1999   | 3.2            | 450            | 97                  | <b>780</b>           |
|                               | 11/16/1999  | <b>5.3</b>     | <b>1,200</b>   | 170                 | <b>1,520</b>         |
|                               | 2/15/2000   | <5             | 280            | 56                  | 462                  |
|                               | 5/10/2000   | 5.8            | <b>1,400</b>   | 220                 | <b>1,860</b>         |
|                               | 11/2/2000   | <b>30.9</b>    | 92.2           | 37.3                | 225                  |
|                               | 2/16/2001   | <b>39.4</b>    | 210            | 83.0                | 509                  |
|                               | 5/10/2001   | <1             | 439            | 218                 | <b>1,180</b>         |
|                               | 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   | <b>12</b>      | 41             | 43                  | 140                  |
|                               | 6/16/2005   | < <b>100</b>   | 180            | 270                 | <b>1,000</b>         |

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) |
|-------------------------------|-------------|----------------|----------------|---------------------|----------------------|
| <b>NMWQCC Standard (µg/L)</b> |             | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| MW-5                          | 9/19/2005   | <1.0           | 400            | 170                 | <b>1,700</b>         |
|                               | 12/1/2005   | <b>12.6</b>    | 176            | 187                 | <b>961</b>           |
|                               | 2/27/2006   | <1.0           | 23             | 78                  | 346                  |
|                               | 7/14/2006   | <5.0           | 52.3           | 110                 | 403                  |
|                               | 7/16/2006   | <1.0           | <1.0           | 11.4                | 79                   |
|                               | 3/30/2010   | <1.0           | 5.1            | 21.1                | 84.5                 |
|                               | 6/22/2010   | 1.0            | 9.4            | 99.4                | 270                  |
|                               | 9/16/2010   | NS             | NS             | NS                  | NS                   |
|                               | 12/9/2010   | NS             | NS             | NS                  | NS                   |
|                               | 3/10/2011   | NS             | NS             | NS                  | NS                   |
|                               | 6/15/2011   | NS             | NS             | NS                  | NS                   |
|                               | 9/13/2011   | NS             | NS             | NS                  | NS                   |
|                               | 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   | <b>21</b>      | 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   | <b>12</b>      | 34             | 110                 | 460                  |
|                               | 9/10/2014   | <2.0           | 2.5            | 7.4                 | 29                   |
|                               | 12/3/2014   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 3/5/2015    | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 9/23/2015   | <1.0           | 3.0            | 25                  | 89                   |
|                               | 9/12/2016   | <2.0           | <2.0           | 32                  | 110                  |
|                               | 10/30/2017  | <1.0           | 1.0            | 13                  | 37                   |
|                               | 9/13/2018   | <1.1           | 1.0            | 9.6                 | 27                   |
|                               |             |                |                |                     |                      |
| MW-6                          | 2/10/1999   | <b>29</b>      | <0.5           | 7                   | 4.6                  |
|                               | 9/21/1999   | <b>690</b>     | 330            | 240                 | <b>1,930</b>         |
|                               | 11/16/1999  | <b>370</b>     | 48             | 130                 | <b>694</b>           |
|                               | 2/15/2000   | <b>9.9</b>     | 0.6            | 5.7                 | 22.7                 |
|                               | 5/10/2000   | <b>390</b>     | 2.6            | 25                  | 400                  |
|                               | 11/3/2000   | <b>2,570</b>   | 109            | 226                 | <b>1,690</b>         |
|                               | 2/16/2001   | <b>171</b>     | 11.0           | 12.5                | 33.5                 |

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) |
|-------------------------------|-------------|----------------|----------------|---------------------|----------------------|
| <b>NMWQCC Standard (µg/L)</b> |             | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| MW-6                          | 5/10/2001   | 506            | 23.2           | 122                 | 384                  |
|                               | 10/31/2001  | 1,900          | 120            | 160                 | 480                  |
|                               | 12/12/2006  | 281            | 727            | 152                 | 1,350                |
|                               | 3/30/2010   | 1,160          | 46.1           | 487                 | 2,530                |
|                               | 6/22/2010   | 3,430          | 102            | 460                 | 3,410                |
|                               | 9/16/2010   | 2,940          | 144            | 370                 | 2,760                |
|                               | 12/9/2010   | 2,580          | <20            | 457                 | 2,270                |
|                               | 3/10/2011   | 1,450          | <20            | 369                 | 1,800                |
|                               | 6/15/2011   | 726            | <1             | 108                 | 380                  |
|                               | 9/13/2011   | NS             | NS             | NS                  | NS                   |
|                               | 1/6/2012    | NS             | NS             | NS                  | NS                   |
|                               | 4/6/2012    | NS             | NS             | NS                  | NS                   |
|                               | 6/12/2012   | NS             | NS             | NS                  | NS                   |
|                               | 9/27/2012   | NS             | NS             | NS                  | NS                   |
|                               | 12/7/2012   | NS             | NS             | NS                  | NS                   |
|                               | 3/6/2013    | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 6/25/2013   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 9/24/2013   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 12/5/2013   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 3/18/2014   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 6/16/2014   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 9/10/2014   | 2,100          | 110            | 850                 | 8,700                |
|                               | 12/3/2014   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 9/23/2015   | 1,100          | <100           | 670                 | 6,600                |
|                               | 3/30/2018   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 9/13/2018   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 9/23/2019   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 3/18/2020   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 9/22/2020   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
| MW-7                          | 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                 |



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) |
|-------------------------------|-------------|----------------|----------------|---------------------|----------------------|
| <b>NMWQCC Standard (µg/L)</b> |             | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| MW-7                          | 9/23/2003   | 5.4            | <2.0           | <2.0                | <5.0                 |
|                               | 12/17/2003  | 28             | <2.0           | <2.0                | <5.0                 |
|                               | 9/18/2004   | 100            | 18             | 6.1                 | 29                   |
|                               | 12/7/2004   | 35             | 11             | <2.0                | 7.3                  |
|                               | 3/11/2005   | 40             | <2.0           | <2.0                | <5.0                 |
|                               | 6/16/2005   | 27             | <2.0           | <2.0                | <5.0                 |
|                               | 9/19/2005   | 110            | 21             | 9.0                 | 43                   |
|                               | 12/1/2005   | 22.6           | <2.0           | <2.0                | <5.0                 |
|                               | 2/27/2006   | 55.2           | <1.0           | <1.0                | <3.0                 |
|                               | 7/14/2006   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 10/6/2006   | 460            | <5.0           | 8.3                 | <15.0                |
|                               | 12/12/2006  | 202            | <1.0           | 1.3                 | <3.0                 |
|                               | 3/30/2010   | 137            | <1.0           | <1.0                | <3.0                 |
|                               | 6/22/2010   | 131            | <1.0           | <1.0                | <3.0                 |
|                               | 9/16/2010   | 47.7           | <1.0           | <1.0                | <3.0                 |
|                               | 12/9/2010   | 20.9           | <1.0           | <1.0                | <3.0                 |
|                               | 3/10/2011   | 73.7           | <1.0           | <1.0                | <3.0                 |
|                               | 6/15/2011   | 72.6           | <1.0           | <1.0                | <3.0                 |
|                               | 9/13/2011   | 13             | <1.0           | <1.0                | <3.0                 |
|                               | 1/6/2012    | 27.7           | 2.2            | <1.0                | <3.0                 |
|                               | 4/6/2012    | 88.8           | 3.7            | <1.0                | 4.4                  |
|                               | 6/12/2012   | 22.0           | <1.0           | 4.1                 | <3.0                 |
|                               | 9/27/2012   | 37.7           | 2.5            | 21.0                | 11.8                 |
|                               | 12/7/2012   | 64.0           | 3.4            | 12.6                | 18.2                 |
|                               | 3/6/2013    | 110            | 770            | 67                  | 1,200                |
|                               | 6/25/2013   | 95             | 180            | 28                  | 510                  |
|                               | 9/24/2013   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 12/5/2013   | 170            | 730            | 300                 | 2,300                |
|                               | 9/10/2014   | 86             | 190            | 140                 | 740                  |
|                               | 9/23/2015   | 43             | 48             | 94                  | 390                  |
|                               | 9/12/2016   | 98             | 170            | 74                  | 340                  |
|                               | 10/30/2017  | 60             | 110            | 13                  | 83                   |
|                               | 9/13/2018   | 1.8            | 3.3            | <1.0                | <1.5                 |
|                               | 3/28/2019   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 9/23/2019   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 3/18/2020   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 9/22/2020   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |

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) |
|-------------------------------|-------------|----------------|----------------|---------------------|----------------------|
| <b>NMWQCC Standard (µg/L)</b> |             | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| MW-8                          | 9/21/1999   | 0.5            | 1              | 0.8                 | <1.5                 |
|                               | 2/15/2000   | 0.6            | 1.4            | 0.6                 | <1.5                 |
|                               | 5/10/2000   | <0.5           | 0.6            | <0.5                | <1.5                 |
|                               | 11/2/2000   | <1             | <1             | <1                  | <1                   |
|                               | 11/16/2004  | <0.5           | 0.6            | 0.5                 | <1.5                 |
|                               | 2/16/2001   | <1             | <1             | <1                  | <1                   |
|                               | 5/10/2001   | <1             | <1             | <1                  | <1                   |
|                               | 10/31/2001  | <1.0           | <2.0           | <2.0                | <2.0                 |
|                               | 9/23/2003   | <2.0           | <2.0           | <2.0                | <5.0                 |
|                               | 12/17/2003  | <2.0           | <2.0           | <2.0                | <5.0                 |
|                               | 9/18/2004   | <2.0           | <2.0           | <2.0                | <5.0                 |
|                               | 12/7/2004   | <2.0           | <2.0           | <2.0                | <5.0                 |
|                               | 3/11/2005   | <2.0           | <2.0           | <2.0                | <5.0                 |
|                               | 6/16/2005   | <2.0           | <2.0           | <2.0                | <5.0                 |
|                               | 9/19/2005   | <2.0           | <2.0           | <2.0                | <5.0                 |
|                               | 12/1/2005   | <2.0           | <2.0           | <2.0                | <5.0                 |
|                               | 2/27/2006   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 7/14/2006   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 3/30/2010   | NS             | NS             | NS                  | NS                   |
|                               | 6/22/2010   | NS             | NS             | NS                  | NS                   |
|                               | 9/16/2010   | NS             | NS             | NS                  | NS                   |
|                               | 12/9/2010   | NS             | NS             | NS                  | NS                   |
|                               | 3/10/2011   | NS             | NS             | NS                  | NS                   |
|                               | 6/15/2011   | NS             | NS             | NS                  | NS                   |
|                               | 9/13/2011   | NS             | NS             | NS                  | NS                   |
|                               | 1/6/2012    | NS             | NS             | NS                  | NS                   |
|                               | 4/6/2012    | NS             | NS             | NS                  | NS                   |
|                               | 6/12/2012   | NS             | NS             | NS                  | NS                   |
|                               | 9/27/2012   | NS             | NS             | NS                  | NS                   |
|                               | 12/7/2012   | NS             | NS             | NS                  | NS                   |
|                               | 3/6/2013    | <2.0           | <2.0           | <2.0                | <4.0                 |
|                               | 6/25/2013   | <2.0           | <2.0           | <2.0                | <4.0                 |
| MW-9                          | 9/21/1999   | 3.7            | 550            | 110                 | <b>920</b>           |
|                               | 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                 |

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) |
|-------------------------------|-------------|----------------|----------------|---------------------|----------------------|
| <b>NMWQCC Standard (µg/L)</b> |             | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| MW-9                          | 6/16/2005   | <2.0           | <2.0           | <2.0                | <5.0                 |
|                               | 7/14/2006   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 12/12/2006  | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 3/30/2010   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 6/22/2010   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 9/16/2010   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 12/9/2010   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 3/10/2011   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 6/15/2011   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 9/13/2011   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 1/6/2012    | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 4/6/2012    | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 6/12/2012   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 9/27/2012   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 12/7/2012   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 3/6/2013    | <2.0           | <2.0           | <2.0                | <4.0                 |
|                               |             |                |                |                     |                      |
| SVE-4"                        | 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   | <b>5.6</b>     | <2.0           | <2.0                | <5.0                 |
|                               | 9/19/2005   | <2.0           | <2.0           | <2.0                | <5.0                 |
|                               | 12/1/2005   | <2.0           | 2.8            | <2.0                | <5.0                 |
|                               | 3/30/2010   | NS             | NS             | NS                  | NS                   |
|                               | 6/22/2010   | NS             | NS             | NS                  | NS                   |
|                               | 9/16/2010   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 12/9/2010   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 3/10/2011   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 6/15/2011   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 9/13/2011   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 1/6/2012    | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 4/6/2012    | NS             | NS             | NS                  | NS                   |
|                               | 6/12/2012   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 9/27/2012   | <1.0           | <1.0           | <1.0                | <3.0                 |
|                               | 4/16/2021   | <1.0           | <1.0           | <1.0                | <2.0                 |

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) |
|-------------------------------|-------------|----------------|----------------|---------------------|----------------------|
| <b>NMWQCC Standard (µg/L)</b> |             | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| MW-10                         | 12/7/2012   | NS             | NS             | NS                  | NS                   |
|                               | 3/6/2013    | <1.0           | <1.0           | <1.0                | <2.0                 |
|                               | 12/5/2013   | <5.0           | <5.0           | <5.0                | <10                  |
|                               | 9/10/2014   | <1.0           | <1.0           | <1.0                | <2.0                 |
|                               | 9/23/2015   | <1.0           | <1.0           | <1.0                | <2.0                 |
|                               | 9/12/2016   | <2.0           | <2.0           | <2.0                | <4.0                 |
|                               | 3/28/2017   | <2.0           | <2.0           | <2.0                | <3.0                 |
|                               | 10/30/2017  | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               | 3/28/2018   | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               | 9/13/2018   | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               | 3/28/2019   | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               | 9/23/2019   | <2.0           | <2.0           | <2.0                | <4.0                 |
|                               | 3/18/2020   | <2.0           | <2.0           | <2.0                | <3.0                 |
|                               | 9/22/2020   | <1.0           | <1.0           | <1.0                | <1.5                 |
| MW-11                         | 12/5/2013   | <b>510</b>     | 32             | 570                 | <b>2,400</b>         |
|                               | 9/10/2014   | <b>9.2</b>     | <5.0           | 29                  | 180                  |
|                               | 9/23/2015   | <2.0           | <2.0           | 7.2                 | 30                   |
|                               | 9/12/2016   | <b>5.2</b>     | <2.0           | 17                  | 72                   |
|                               | 3/28/2017   | <b>13</b>      | <2.0           | 34                  | 160                  |
|                               | 10/30/2017  | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               | 3/28/2018   | <b>24</b>      | <1.0           | 11                  | 25                   |
|                               | 9/13/2018   | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               | 3/28/2019   | <b>5.6</b>     | <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                 |
| MW-12                         | 12/5/2013   | NS-FP          | NS-FP          | NS-FP               | NS-FP                |
|                               | 9/10/2014   | <b>740</b>     | 360            | 46                  | 200                  |
|                               | 9/23/2015   | <b>540</b>     | 76             | <1.0                | 190                  |
|                               | 9/12/2016   | <b>1,700</b>   | 300            | 29                  | 110                  |
|                               | 3/28/2017   | <b>760</b>     | 110            | 10                  | 45                   |
|                               | 10/30/2017  | <b>190</b>     | 39             | 4.9                 | 17                   |
|                               | 3/30/2018   | <b>390</b>     | 10             | 9.1                 | 15                   |
|                               | 9/14/2018   | <b>3,200</b>   | 190            | 62                  | 160                  |
|                               | 3/28/2019   | <b>1,800</b>   | 410            | 29                  | 170                  |
|                               | 9/23/2019   | <b>340</b>     | 53             | 9.1                 | 35                   |



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) |
|-------------------------------|-------------|----------------|----------------|---------------------|----------------------|
| <b>NMWQCC Standard (µg/L)</b> |             | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| MW-12                         | 3/18/2020   | <b>320</b>     | 190            | 3.8                 | 54                   |
|                               | 9/22/2020   | <b>170</b>     | 5.6            | <5.0                | <7.5                 |
|                               |             |                |                |                     |                      |
| 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   | <b>20</b>      | <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                | <b>16</b>            |
|                               | 3/18/2020   | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               | 9/22/2020   | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               |             |                |                |                     |                      |
| 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                 |
|                               |             |                |                |                     |                      |
| MW-15                         | 10/30/2017  | <b>38</b>      | 310            | 52                  | 340                  |
|                               | 3/30/2018   | 4.4            | <1.0           | 1.9                 | 1.7                  |
|                               | 9/14/2018   | <b>28</b>      | <1.0           | <1.0                | <1.5                 |
|                               | 3/28/2019   | 4.8            | <1.0           | <1.0                | <1.5                 |
|                               | 9/23/2019   | <b>180</b>     | <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                 |
|                               |             |                |                |                     |                      |
| MW-16                         | 10/30/2017  | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               | 3/30/2018   | 1.6            | <1.0           | <1.0                | <1.5                 |
|                               | 9/14/2018   | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               | 3/28/2019   | <1.0           | 1.6            | <1.0                | 2.6                  |
|                               | 9/23/2019   | <1.0           | <1.0           | <1.0                | <2.0                 |
|                               | 3/18/2020   | <1.0           | <1.0           | <1.0                | <1.5                 |

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) |
|-------------------------------|-------------|----------------|----------------|---------------------|----------------------|
| <b>NMWQCC Standard (µg/L)</b> |             | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| MW-16                         | 9/22/2020   | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               |             |                |                |                     |                      |
| MW-17                         | 8/13/2019   | <1.0           | <1.0           | <1.0                | <2.0                 |
|                               | 3/18/2020   | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               | 9/22/2020   | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               |             |                |                |                     |                      |
| MW-18                         | 8/13/2019   | <2.0           | <2.0           | <2.0                | <4.0                 |
|                               | 9/22/2020   | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               |             |                |                |                     |                      |
| MW-19                         | 9/6/2019    | <b>71</b>      | 160            | <5                  | <b>930</b>           |
|                               | 3/18/2020   | <b>13</b>      | <5.0           | 3                   | 11                   |
|                               | 9/22/2020   | <b>17</b>      | <1.0           | 4.7                 | 11                   |
|                               |             |                |                |                     |                      |
| MW-20                         | 9/6/2019    | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               | 3/18/2020   | <1.0           | <1.0           | <1.0                | <1.5                 |
|                               | 9/22/2020   | <2.0           | <2.0           | <2.0                | <3.0                 |

**Notes:****Bold** - indicates sample exceeds NMWQCC standard

&lt; - indicates result is less than laboratory reporting detection limit

µg/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

**PNEUMATIC PRODUCT RECOVERY SYSTEM DATA - MW-6  
DOGIE EAST PIT  
RIO ARriba COUNTY, NEW MEXICO**

| 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.                                                                                                                                                                                |
| <b>2019 Data</b> |         |        |           |                   |           |                                      |                              |                            |                      |                 |               |            |                                                                                                                                                                                                                                    |
| 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.                                                                                                                                               |
| 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.                                                                                                                                                           |

TABLE 3

**PNEUMATIC PRODUCT RECOVERY SYSTEM DATA - MW-6  
DOGIE EAST PIT  
RIO ARriba COUNTY, NEW MEXICO**

| 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                                                                                                  |
|------------------|---------|--------|-----------|-------------------|-------------|--------------------------------------|------------------------------|----------------------------|----------------------|-----------------|---------------|------------|------------------------------------------------------------------------------------------------------------------------------|
| 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.                                |
| <b>2020 Data</b> |         |        |           |                   |             |                                      |                              |                            |                      |                 |               |            |                                                                                                                              |
| 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.                                      |
| 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.                                                                               |



**TABLE 3**  
**PNEUMATIC PRODUCT RECOVERY SYSTEM DATA - MW-6**  
**DOGIE EAST PIT**  
**RIO ARRIBA COUNTY, NEW MEXICO**

| Date       | Well-ID | Cycles | Run Time | Cycles<br>(Lifetime) | Lifetime | Estimated<br>Product<br>Recovered<br>(gallon) | Depth to<br>Product<br>(feet BTOC) | Depth to<br>Water<br>(feet BTOC) | PSH<br>Thickness<br>(feet) | Battery<br>Voltage | System<br>ON/OFF | Any Faults | Notes/Maintenance Completed                                      |
|------------|---------|--------|----------|----------------------|----------|-----------------------------------------------|------------------------------------|----------------------------------|----------------------------|--------------------|------------------|------------|------------------------------------------------------------------|
| 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. |

**Notes:**

PSH - phase-separated hydrocarbons

O&amp;M - operations and maintenance

BTOC - below top of casing

NA - not applicable

NM - not measured

NP - no product observed

**TABLE 4**  
**PNEUMATIC PRODUCT RECOVERY SYSTEM DATA - MW-7**  
**DOGIE EAST PIT**  
**RIO ARriba COUNTY, NEW MEXICO**

| 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.                                      |

**Notes:**

PSH - phase-separated hydrocarbons

O&amp;M - operations and maintenance

BTOC - below top of casing

NA - not applicable

NM - not measured

NP - no product observed

ENCLOSURE A – 2020 SAMPLE COLLECTION FORMS



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Total Depth of Well: 8-38  
Depth to Product: \_\_\_\_\_

**Method of Sampling:** Dedicated PVC Bailer

[illegible]

Date: 3/18/20 ~~7/17/2019~~



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Sampler: Eric Carroll

Matrix: Groundwater  
Sample Time: 1029  
Shipping Method: Hand Delivery

Total Depth of Well: 15.10'  
Depth to Product: —

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

the color

Describe Deviations from SOP: Didn't bail full 2.9 before sampling.

Date: 3-18-20 7/17/2019





848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

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

Date: 3/18/20 7/17/2019

## *Groundwater Sample Collection Form*



**LT Environmental, Inc.**

848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Project Name: Groundwater Monitoring  
Project Number: 90329021

Project Location: Dogie Compressor  
 Sampler: Eric Carroll

Sample ID: MW-14  
Sample Date: 3/18/2020  
Laboratory: Hall Environmental  
Analyses: BTEX 8021

Matrix: Groundwater  
Sample Time: 1006  
Shipping Method: Hand Delivery

Depth to Water: 12.01  
Time: 0942

Total Depth of Well: 19.44  
Depth to Product: NA

Vol. of Water to Purge: 3.6

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

**Method of Purging:** Dedicated PVC Bailer

**Method of Sampling:** Dedicated PVC Bailer

[illegible]**Comments:**

**Describe Deviations from SOP:**

Signature: *Edwin Carroll*

Date: 3/18/20 ← ~~7/17/2019~~



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Date: 3-18-20 7/17/2019





848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Vol. of Water to Purge: 19 gallons (height of water column \* 0.1631 for 2" well or 0.6524 for 4" well) \* 3 well vols

Method of Purging: Dedicated PVC Bailer

Method of Sampling: Dedicated PVC Bailer

[illegible]

**Describe Deviations from SOP:**

**Date:** 7/17/2019





848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

## ***Groundwater Sample Collection Form***



**LT Environmental, Inc.**

848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Project Name: Groundwater Monitoring  
Project Number: 90329021

Project Location: Dogie Compressor  
 Sampler: Eric Carroll

Sample ID: MW-18  
 Sample Date: 3/18/2020  
 Laboratory: Hall Environmental  
 Analyses: BTEX 8021

Matrix: Groundwater  
Sample Time: DRV  
Shipping Method: Hand Delivery

Depth to Water: DRy  
Time:

Total Depth of Well: \_\_\_\_\_  
Depth to Product: \_\_\_\_\_

Vol. of Water to Purge:

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

**Method of Purging:** Dedicated PVC Bailer

**Method of Sampling:** Dedicated PVC Bailer

[illegible]**Comments:**

1 Dry

**Describe Deviations from SOP:**

**Signature:**

Edna Carroll

**Date:**

3/18/20

~~7/17/2019~~



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Vol. of Water to Purge: 2-6 (height of water column \* 0.1631 for 2" well or 0.6524 for 4" well) \* 3 well vols  
Method of Purging: Dedicated PVC Bailer  
Method of Sampling: Dedicated PVC Bailer

[illegible]

Comments: Dry @ 1.5 gallons

**Describe Deviations from SOP:**

Date: 3/18/20 ~~7/17/2019~~



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

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

Date: 3-18-20 7/17/2019



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Released to Imaging: 1/3/2022 10:44:43 AM





848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Total Depth of Well: \_\_\_\_\_  
Depth to Product: 15.89

**Method of Sampling:** Dedicated PVC Bailer

Comments: NS-FP Bailed 3oz of product from well install  
SACK

**Describe Deviations from SOP:**

Date: \_\_\_\_\_



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Project Location: Dogie CS

Sampler: ~~Eric Carroll~~ SA

Matrix: Groundwater

Sample Time: ND

Shipping Method: Hand Delivery

[illegible]

Total Depth of Well: NM

Depth to Product: 14.06

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

**Method of Sampling:** Dedicated PVC Bailer

Comments: NS-EP reinstall PP pump

NS-FP, reinstall PR pump.  
 $\approx 0.5^{\text{th}}$  of product in bbl

**Signature:** 

Date: 9-22-20



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

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

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096





848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Date: 9/22/2020



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Sampler: ~~Eric Carroll~~ JA

Sample Time: 1230

Shipping Method: Hand Delivery

\_\_\_\_\_

Total Depth of Well: 21.10

Depth to Product: AD

(height of water column \* 0.163 l for 2" well or 0.6524 for 4" well) \* 3 well vols

**Method of Sampling:** Dedicated PVC Bailer

Comments: sampled @ 1230

reacted w/ HCl, used  $HgCl_2$

Date: 11-22-20



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096





848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Project Location: Dogie CS

Sampler: Eric Carroll

Matrix: Groundwater

Sample Time: 1255

Shipping Method: Hand Delivery

\_\_\_\_\_

Total Depth of Well: 11.86

Depth to Product:

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

**Method of Sampling:** Dedicated PVC Bailer

Comments: Grab sample

Signature: Emil Weiss

Date: 9/22/2020





848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Project Location: Dogie CS  
 Sampler: Eric Carroll Josh Adams

Matrix: Groundwater  
Sample Time: 1200  
Shipping Method: Hand Delivery

Total Depth of Well: 15.35  
Depth to Product: 10

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

**Method of Sampling:** Dedicated PVC Bailer

Comments: no parameter IW, sampled brown cloudy  
H<sub>2</sub>O w/ no sheen or odor @ 1200

**Describe Deviations from SOP:** grab sample due to insufficient  $H_2O$ , no parameters

Date: 9-22-20



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Date: 9/22/2080



848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Project Location: Dogie CS

Sampler: Eric Carroll

Matrix: Groundwater

Sample Time: 1441

Shipping Method: Hand Delivery

Shipping Method: Hand Delivery

Total Depth of Well: 10.43

Depth to Product: 1/2

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

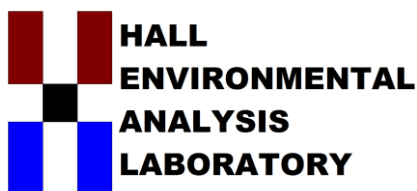
**Method of Sampling:** Dedicated PVC Bailer

Comments: Black Turbid Grab Sample

Signature: Eva Carmona

Date: 9/22/2020

## ENCLOSURE B – LABORATORY ANALYTICAL REPORTS



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

March 26, 2020

Kijun Hong

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX

RE: Dogie CS

OrderNo.: 2003893

Dear Kijun Hong:

Hall Environmental Analysis Laboratory received 10 sample(s) on 3/19/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109



## Analytical Report

Lab Order: 2003893

Date Reported: 3/26/2020

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Harvest  
**Project:** Dogie CS

**Lab Order:** 2003893

**Lab ID:** 2003893-001

**Collection Date:** 3/18/2020 10:15:00 AM

**Client Sample ID:** MW-10

**Matrix:** GROUNDWATER

| Analyses                                     | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID     |
|----------------------------------------------|--------|--------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 8260: VOLATILES SHORT LIST</b> |        |        |      |       |    |                       | Analyst: JMR |
| Benzene                                      | ND     | 2.0    |      | µg/L  | 2  | 3/24/2020 12:23:46 AM | R67514       |
| Toluene                                      | ND     | 2.0    |      | µg/L  | 2  | 3/24/2020 12:23:46 AM | R67514       |
| Ethylbenzene                                 | ND     | 2.0    |      | µg/L  | 2  | 3/24/2020 12:23:46 AM | R67514       |
| Xylenes, Total                               | ND     | 3.0    |      | µg/L  | 2  | 3/24/2020 12:23:46 AM | R67514       |
| Surr: 1,2-Dichloroethane-d4                  | 93.3   | 70-130 |      | %Rec  | 2  | 3/24/2020 12:23:46 AM | R67514       |
| Surr: 4-Bromofluorobenzene                   | 99.2   | 70-130 |      | %Rec  | 2  | 3/24/2020 12:23:46 AM | R67514       |
| Surr: Dibromofluoromethane                   | 101    | 70-130 |      | %Rec  | 2  | 3/24/2020 12:23:46 AM | R67514       |
| Surr: Toluene-d8                             | 99.7   | 70-130 |      | %Rec  | 2  | 3/24/2020 12:23:46 AM | R67514       |

**Lab ID:** 2003893-002

**Collection Date:** 3/18/2020 10:29:00 AM

**Client Sample ID:** MW-11

**Matrix:** GROUNDWATER

| Analyses                                     | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID     |
|----------------------------------------------|--------|--------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 8260: VOLATILES SHORT LIST</b> |        |        |      |       |    |                       | Analyst: JMR |
| Benzene                                      | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 12:52:32 AM | R67514       |
| Toluene                                      | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 12:52:32 AM | R67514       |
| Ethylbenzene                                 | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 12:52:32 AM | R67514       |
| Xylenes, Total                               | ND     | 1.5    |      | µg/L  | 1  | 3/24/2020 12:52:32 AM | R67514       |
| Surr: 1,2-Dichloroethane-d4                  | 89.3   | 70-130 |      | %Rec  | 1  | 3/24/2020 12:52:32 AM | R67514       |
| Surr: 4-Bromofluorobenzene                   | 93.3   | 70-130 |      | %Rec  | 1  | 3/24/2020 12:52:32 AM | R67514       |
| Surr: Dibromofluoromethane                   | 99.3   | 70-130 |      | %Rec  | 1  | 3/24/2020 12:52:32 AM | R67514       |
| Surr: Toluene-d8                             | 102    | 70-130 |      | %Rec  | 1  | 3/24/2020 12:52:32 AM | R67514       |

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

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

## Analytical Report

Lab Order: 2003893

Date Reported: 3/26/2020

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Harvest  
**Project:** Dogie CS

**Lab Order:** 2003893

**Lab ID:** 2003893-003

**Collection Date:** 3/18/2020 11:05:00 AM

**Client Sample ID:** MW-12

**Matrix:** GROUNDWATER

| Analyses                                     | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID     |
|----------------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| <b>EPA METHOD 8260: VOLATILES SHORT LIST</b> |        |        |      |       |    |                      | Analyst: JMR |
| Benzene                                      | 320    | 5.0    |      | µg/L  | 5  | 3/24/2020 1:21:14 AM | R67514       |
| Toluene                                      | 190    | 5.0    |      | µg/L  | 5  | 3/24/2020 1:21:14 AM | R67514       |
| Ethylbenzene                                 | 3.8    | 2.5    |      | µg/L  | 5  | 3/24/2020 1:21:14 AM | R67514       |
| Xylenes, Total                               | 54     | 7.5    |      | µg/L  | 5  | 3/24/2020 1:21:14 AM | R67514       |
| Surr: 1,2-Dichloroethane-d4                  | 95.1   | 70-130 |      | %Rec  | 5  | 3/24/2020 1:21:14 AM | R67514       |
| Surr: 4-Bromofluorobenzene                   | 93.1   | 70-130 |      | %Rec  | 5  | 3/24/2020 1:21:14 AM | R67514       |
| Surr: Dibromofluoromethane                   | 99.1   | 70-130 |      | %Rec  | 5  | 3/24/2020 1:21:14 AM | R67514       |
| Surr: Toluene-d8                             | 103    | 70-130 |      | %Rec  | 5  | 3/24/2020 1:21:14 AM | R67514       |

**Lab ID:** 2003893-004

**Collection Date:** 3/18/2020 10:05:00 AM

**Client Sample ID:** MW-13

**Matrix:** GROUNDWATER

| Analyses                                     | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID     |
|----------------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| <b>EPA METHOD 8260: VOLATILES SHORT LIST</b> |        |        |      |       |    |                      | Analyst: JMR |
| Benzene                                      | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 1:49:53 AM | R67514       |
| Toluene                                      | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 1:49:53 AM | R67514       |
| Ethylbenzene                                 | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 1:49:53 AM | R67514       |
| Xylenes, Total                               | ND     | 1.5    |      | µg/L  | 1  | 3/24/2020 1:49:53 AM | R67514       |
| Surr: 1,2-Dichloroethane-d4                  | 91.9   | 70-130 |      | %Rec  | 1  | 3/24/2020 1:49:53 AM | R67514       |
| Surr: 4-Bromofluorobenzene                   | 99.7   | 70-130 |      | %Rec  | 1  | 3/24/2020 1:49:53 AM | R67514       |
| Surr: Dibromofluoromethane                   | 100    | 70-130 |      | %Rec  | 1  | 3/24/2020 1:49:53 AM | R67514       |
| Surr: Toluene-d8                             | 102    | 70-130 |      | %Rec  | 1  | 3/24/2020 1:49:53 AM | R67514       |

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

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

## Analytical Report

Lab Order: 2003893

Date Reported: 3/26/2020

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Harvest  
**Project:** Dogie CS

**Lab Order:** 2003893

**Lab ID:** 2003893-005

**Collection Date:** 3/18/2020 10:00:00 AM

**Client Sample ID:** MW-14

**Matrix:** GROUNDWATER

| Analyses                                     | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID     |
|----------------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| <b>EPA METHOD 8260: VOLATILES SHORT LIST</b> |        |        |      |       |    |                      | Analyst: JMR |
| Benzene                                      | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 2:18:32 AM | R67514       |
| Toluene                                      | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 2:18:32 AM | R67514       |
| Ethylbenzene                                 | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 2:18:32 AM | R67514       |
| Xylenes, Total                               | ND     | 1.5    |      | µg/L  | 1  | 3/24/2020 2:18:32 AM | R67514       |
| Surr: 1,2-Dichloroethane-d4                  | 92.9   | 70-130 |      | %Rec  | 1  | 3/24/2020 2:18:32 AM | R67514       |
| Surr: 4-Bromofluorobenzene                   | 94.0   | 70-130 |      | %Rec  | 1  | 3/24/2020 2:18:32 AM | R67514       |
| Surr: Dibromofluoromethane                   | 98.8   | 70-130 |      | %Rec  | 1  | 3/24/2020 2:18:32 AM | R67514       |
| Surr: Toluene-d8                             | 106    | 70-130 |      | %Rec  | 1  | 3/24/2020 2:18:32 AM | R67514       |

**Lab ID:** 2003893-006

**Collection Date:** 3/18/2020 11:45:00 AM

**Client Sample ID:** MW-15

**Matrix:** GROUNDWATER

| Analyses                                     | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID     |
|----------------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| <b>EPA METHOD 8260: VOLATILES SHORT LIST</b> |        |        |      |       |    |                      | Analyst: JMR |
| Benzene                                      | 2.1    | 2.0    |      | µg/L  | 2  | 3/24/2020 2:47:11 AM | R67514       |
| Toluene                                      | ND     | 2.0    |      | µg/L  | 2  | 3/24/2020 2:47:11 AM | R67514       |
| Ethylbenzene                                 | ND     | 2.0    |      | µg/L  | 2  | 3/24/2020 2:47:11 AM | R67514       |
| Xylenes, Total                               | ND     | 3.0    |      | µg/L  | 2  | 3/24/2020 2:47:11 AM | R67514       |
| Surr: 1,2-Dichloroethane-d4                  | 87.6   | 70-130 |      | %Rec  | 2  | 3/24/2020 2:47:11 AM | R67514       |
| Surr: 4-Bromofluorobenzene                   | 97.4   | 70-130 |      | %Rec  | 2  | 3/24/2020 2:47:11 AM | R67514       |
| Surr: Dibromofluoromethane                   | 102    | 70-130 |      | %Rec  | 2  | 3/24/2020 2:47:11 AM | R67514       |
| Surr: Toluene-d8                             | 97.2   | 70-130 |      | %Rec  | 2  | 3/24/2020 2:47:11 AM | R67514       |

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

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

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## Analytical Report

Lab Order: 2003893

Date Reported: 3/26/2020

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Harvest  
**Project:** Dogie CS

**Lab Order:** 2003893**Lab ID:** 2003893-007**Collection Date:** 3/18/2020 11:03:00 AM**Client Sample ID:** MW-16**Matrix:** GROUNDWATER

| Analyses                                     | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID     |
|----------------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| <b>EPA METHOD 8260: VOLATILES SHORT LIST</b> |        |        |      |       |    |                      | Analyst: JMR |
| Benzene                                      | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 3:15:54 AM | R67514       |
| Toluene                                      | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 3:15:54 AM | R67514       |
| Ethylbenzene                                 | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 3:15:54 AM | R67514       |
| Xylenes, Total                               | ND     | 1.5    |      | µg/L  | 1  | 3/24/2020 3:15:54 AM | R67514       |
| Surr: 1,2-Dichloroethane-d4                  | 90.1   | 70-130 |      | %Rec  | 1  | 3/24/2020 3:15:54 AM | R67514       |
| Surr: 4-Bromofluorobenzene                   | 93.4   | 70-130 |      | %Rec  | 1  | 3/24/2020 3:15:54 AM | R67514       |
| Surr: Dibromofluoromethane                   | 102    | 70-130 |      | %Rec  | 1  | 3/24/2020 3:15:54 AM | R67514       |
| Surr: Toluene-d8                             | 98.0   | 70-130 |      | %Rec  | 1  | 3/24/2020 3:15:54 AM | R67514       |

**Lab ID:** 2003893-008**Collection Date:** 3/18/2020 10:40:00 AM**Client Sample ID:** MW-17**Matrix:** GROUNDWATER

| Analyses                                     | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID     |
|----------------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| <b>EPA METHOD 8260: VOLATILES SHORT LIST</b> |        |        |      |       |    |                      | Analyst: JMR |
| Benzene                                      | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 3:44:34 AM | R67514       |
| Toluene                                      | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 3:44:34 AM | R67514       |
| Ethylbenzene                                 | ND     | 1.0    |      | µg/L  | 1  | 3/24/2020 3:44:34 AM | R67514       |
| Xylenes, Total                               | ND     | 1.5    |      | µg/L  | 1  | 3/24/2020 3:44:34 AM | R67514       |
| Surr: 1,2-Dichloroethane-d4                  | 93.3   | 70-130 |      | %Rec  | 1  | 3/24/2020 3:44:34 AM | R67514       |
| Surr: 4-Bromofluorobenzene                   | 99.0   | 70-130 |      | %Rec  | 1  | 3/24/2020 3:44:34 AM | R67514       |
| Surr: Dibromofluoromethane                   | 101    | 70-130 |      | %Rec  | 1  | 3/24/2020 3:44:34 AM | R67514       |
| Surr: Toluene-d8                             | 101    | 70-130 |      | %Rec  | 1  | 3/24/2020 3:44:34 AM | R67514       |

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

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

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## Analytical Report

Lab Order: 2003893

Date Reported: 3/26/2020

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Harvest  
**Project:** Dogie CS

**Lab Order:** 2003893

**Lab ID:** 2003893-009

**Collection Date:** 3/18/2020 11:41:00 AM

**Client Sample ID:** MW-19

**Matrix:** GROUNDWATER

| Analyses                                     | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID     |
|----------------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| <b>EPA METHOD 8260: VOLATILES SHORT LIST</b> |        |        |      |       |    |                      | Analyst: JMR |
| Benzene                                      | 13     | 5.0    |      | µg/L  | 5  | 3/24/2020 4:13:13 AM | R67514       |
| Toluene                                      | ND     | 5.0    |      | µg/L  | 5  | 3/24/2020 4:13:13 AM | R67514       |
| Ethylbenzene                                 | 3.0    | 2.5    |      | µg/L  | 5  | 3/24/2020 4:13:13 AM | R67514       |
| Xylenes, Total                               | 11     | 7.5    |      | µg/L  | 5  | 3/24/2020 4:13:13 AM | R67514       |
| Surr: 1,2-Dichloroethane-d4                  | 89.2   | 70-130 |      | %Rec  | 5  | 3/24/2020 4:13:13 AM | R67514       |
| Surr: 4-Bromofluorobenzene                   | 108    | 70-130 |      | %Rec  | 5  | 3/24/2020 4:13:13 AM | R67514       |
| Surr: Dibromofluoromethane                   | 98.4   | 70-130 |      | %Rec  | 5  | 3/24/2020 4:13:13 AM | R67514       |
| Surr: Toluene-d8                             | 99.0   | 70-130 |      | %Rec  | 5  | 3/24/2020 4:13:13 AM | R67514       |

**Lab ID:** 2003893-010

**Collection Date:** 3/18/2020 12:42:00 PM

**Client Sample ID:** MW-20

**Matrix:** GROUNDWATER

| Analyses                                     | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID     |
|----------------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| <b>EPA METHOD 8260: VOLATILES SHORT LIST</b> |        |        |      |       |    |                      | Analyst: JMR |
| Benzene                                      | ND     | 1.0    | P    | µg/L  | 1  | 3/24/2020 4:41:51 AM | R67514       |
| Toluene                                      | ND     | 1.0    | P    | µg/L  | 1  | 3/24/2020 4:41:51 AM | R67514       |
| Ethylbenzene                                 | ND     | 1.0    | P    | µg/L  | 1  | 3/24/2020 4:41:51 AM | R67514       |
| Xylenes, Total                               | ND     | 1.5    | P    | µg/L  | 1  | 3/24/2020 4:41:51 AM | R67514       |
| Surr: 1,2-Dichloroethane-d4                  | 90.0   | 70-130 | P    | %Rec  | 1  | 3/24/2020 4:41:51 AM | R67514       |
| Surr: 4-Bromofluorobenzene                   | 95.4   | 70-130 | P    | %Rec  | 1  | 3/24/2020 4:41:51 AM | R67514       |
| Surr: Dibromofluoromethane                   | 98.3   | 70-130 | P    | %Rec  | 1  | 3/24/2020 4:41:51 AM | R67514       |
| Surr: Toluene-d8                             | 98.4   | 70-130 | P    | %Rec  | 1  | 3/24/2020 4:41:51 AM | R67514       |

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

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

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

WO#: 2003893

26-Mar-20

**Client:** Harvest  
**Project:** Dogie CS

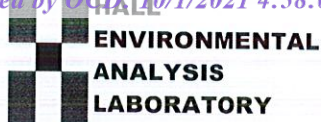
| Sample ID: <b>100ng btex lcs</b> | SampType: <b>LCS</b>            |     |           | TestCode: <b>EPA Method 8260: Volatiles Short List</b> |      |                    |           |      |          |      |
|----------------------------------|---------------------------------|-----|-----------|--------------------------------------------------------|------|--------------------|-----------|------|----------|------|
| Client ID: <b>LCSW</b>           | Batch ID: <b>R67514</b>         |     |           | RunNo: <b>67514</b>                                    |      |                    |           |      |          |      |
| Prep Date:                       | Analysis Date: <b>3/23/2020</b> |     |           | SeqNo: <b>2330424</b>                                  |      | Units: <b>µg/L</b> |           |      |          |      |
| Analyte                          | Result                          | PQL | SPK value | SPK Ref Val                                            | %REC | LowLimit           | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                          | 19                              | 1.0 | 20.00     | 0                                                      | 94.8 | 70                 | 130       |      |          |      |
| Toluene                          | 21                              | 1.0 | 20.00     | 0                                                      | 103  | 70                 | 130       |      |          |      |
| Ethylbenzene                     | 21                              | 1.0 | 20.00     | 0                                                      | 105  | 70                 | 130       |      |          |      |
| Xylenes, Total                   | 63                              | 1.5 | 60.00     | 0                                                      | 104  | 70                 | 130       |      |          |      |
| Surr: 1,2-Dichloroethane-d4      | 8.8                             |     | 10.00     |                                                        | 88.1 | 70                 | 130       |      |          |      |
| Surr: 4-Bromofluorobenzene       | 9.7                             |     | 10.00     |                                                        | 97.1 | 70                 | 130       |      |          |      |
| Surr: Dibromofluoromethane       | 9.8                             |     | 10.00     |                                                        | 98.3 | 70                 | 130       |      |          |      |
| Surr: Toluene-d8                 | 10                              |     | 10.00     |                                                        | 99.7 | 70                 | 130       |      |          |      |

| Sample ID: <b>mb</b>        | SampType: <b>MBLK</b>           |     |           | TestCode: <b>EPA Method 8260: Volatiles Short List</b> |      |                    |           |      |          |      |
|-----------------------------|---------------------------------|-----|-----------|--------------------------------------------------------|------|--------------------|-----------|------|----------|------|
| Client ID: <b>PBW</b>       | Batch ID: <b>R67514</b>         |     |           | RunNo: <b>67514</b>                                    |      |                    |           |      |          |      |
| Prep Date:                  | Analysis Date: <b>3/23/2020</b> |     |           | SeqNo: <b>2330442</b>                                  |      | Units: <b>µg/L</b> |           |      |          |      |
| Analyte                     | Result                          | PQL | SPK value | SPK Ref Val                                            | %REC | LowLimit           | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                     | ND                              | 1.0 |           |                                                        |      |                    |           |      |          |      |
| Toluene                     | ND                              | 1.0 |           |                                                        |      |                    |           |      |          |      |
| Ethylbenzene                | ND                              | 1.0 |           |                                                        |      |                    |           |      |          |      |
| Xylenes, Total              | ND                              | 1.5 |           |                                                        |      |                    |           |      |          |      |
| Surr: 1,2-Dichloroethane-d4 | 8.5                             |     | 10.00     |                                                        | 85.2 | 70                 | 130       |      |          |      |
| Surr: 4-Bromofluorobenzene  | 9.7                             |     | 10.00     |                                                        | 97.3 | 70                 | 130       |      |          |      |
| Surr: Dibromofluoromethane  | 9.6                             |     | 10.00     |                                                        | 95.8 | 70                 | 130       |      |          |      |
| Surr: Toluene-d8            | 9.7                             |     | 10.00     |                                                        | 97.2 | 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 Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

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



## Sample Log-In Check List

Client Name: Harvest

Work Order Number: 2003893

RcptNo: 1

Received By: Yazmine Garduno

3/19/2020 8:00:00 AM

*Yazmine Garduno*

Completed By: Juan Rojas

3/19/2020 11:11:01 AM

*Juan Rojas*Reviewed By: *JO**3/19/20*Chain of Custody

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

Log In

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

# of preserved  
bottles checked  
for pH:

(&lt;2 or &gt;12 unless noted)

Adjusted? \_\_\_\_\_

Checked by: *JR 3/19/20*Special Handling (if applicable)

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

Person Notified: \_\_\_\_\_

Date: \_\_\_\_\_

By Whom: \_\_\_\_\_

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: \_\_\_\_\_

Client Instructions: \_\_\_\_\_

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1         | 2.0                     | Good      |             |         |           |           |



## Chain-of-Custody Record

Client: Harvest Four Corners  
Kidjun Hong  
 Mailing Address: 1755 Arroyo Dr.  
Bloomfield, NM  
 Phone #: \_\_\_\_\_

email or Fax#: khong@harvestfourcorners.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other \_\_\_\_\_

☒ EDD (Type) \_\_\_\_\_

Turn-Around Time: ☒ Standard ☐ Rush  
 Project Name: Dogie CS  
 Project #: \_\_\_\_\_

Project Manager:

Brooke Herb

Sampler: E. Carroll

On Ice: ☒ Yes ☐ No

# of Coolers: 2

Cooler Temp (including CF): 23-23-20

Container Type and # 3 VQA

Preservative Type HCl or H<sub>2</sub>O<sub>2</sub>

HEAL No. 2003893

-001

-002

-003

-004

-005

-006

-007

-008

-009

-010

Date: 3/18 Time: 1505 Relinquished by: Edie Carroll  
 Date: 3/18/20 Time: 1910 Relinquished by: Christina Winters  
 Received by: Alfred Wae Date: 3/18/20 Time: 1505  
 Received by: W. Carey Date: 3/18/20 Time: 0900

Remarks:

Please CC: ecarroll@henv.com

## Analysis Request

BTEX / MTBE / TMB's (8021) ☒  
 TPH:8015D(GRO / DRO / MRO) ☐  
 8081 Pesticides/8082 PCB's ☐  
 EDB (Method 504.1) ☐  
 PAHs by 8310 or 8270SIMS ☐  
 RCRA 8 Metals ☐  
 Cl, F, Br, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub> ☐  
 8260 (VOA) ☐  
 8270 (Semi-VOA) ☐  
 Total Coliform (Present/Absent) ☐

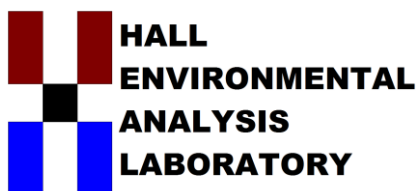


**HALL ENVIRONMENTAL  
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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



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

September 30, 2020

Kijun Hong

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX

RE: Dogie CS

OrderNo.: 2009D41

Dear Kijun Hong:

Hall Environmental Analysis Laboratory received 11 sample(s) on 9/23/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

## Analytical Report

Lab Order 2009D41

Date Reported: 9/30/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW10

Project: Dogie CS

Collection Date: 9/22/2020 11:58:00 AM

Lab ID: 2009D41-001

Matrix: GROUNDWA

Received Date: 9/23/2020 8:00:00 AM

| Analyses                              | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch        |
|---------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST |        |        |      |       |    |                      | Analyst: DJF |
| Benzene                               | ND     | 1.0    |      | µg/L  | 1  | 9/27/2020 4:17:47 AM | C72174       |
| Toluene                               | ND     | 1.0    |      | µg/L  | 1  | 9/27/2020 4:17:47 AM | C72174       |
| Ethylbenzene                          | ND     | 1.0    |      | µg/L  | 1  | 9/27/2020 4:17:47 AM | C72174       |
| Xylenes, Total                        | ND     | 1.5    |      | µg/L  | 1  | 9/27/2020 4:17:47 AM | C72174       |
| Surr: 1,2-Dichloroethane-d4           | 94.8   | 70-130 |      | %Rec  | 1  | 9/27/2020 4:17:47 AM | C72174       |
| Surr: Dibromofluoromethane            | 111    | 70-130 |      | %Rec  | 1  | 9/27/2020 4:17:47 AM | C72174       |
| Surr: Toluene-d8                      | 105    | 70-130 |      | %Rec  | 1  | 9/27/2020 4:17:47 AM | C72174       |

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

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

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## Analytical Report

Lab Order 2009D41

Date Reported: 9/30/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW17

Project: Dogie CS

Collection Date: 9/22/2020 12:55:00 PM

Lab ID: 2009D41-002

Matrix: GROUNDWA

Received Date: 9/23/2020 8:00:00 AM

| Analyses                              | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch        |
|---------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST |        |        |      |       |    |                      | Analyst: DJF |
| Benzene                               | ND     | 1.0    | P    | µg/L  | 1  | 9/27/2020 4:46:22 AM | C72174       |
| Toluene                               | ND     | 1.0    | P    | µg/L  | 1  | 9/27/2020 4:46:22 AM | C72174       |
| Ethylbenzene                          | ND     | 1.0    | P    | µg/L  | 1  | 9/27/2020 4:46:22 AM | C72174       |
| Xylenes, Total                        | ND     | 1.5    | P    | µg/L  | 1  | 9/27/2020 4:46:22 AM | C72174       |
| Surr: 1,2-Dichloroethane-d4           | 102    | 70-130 | P    | %Rec  | 1  | 9/27/2020 4:46:22 AM | C72174       |
| Surr: Dibromofluoromethane            | 114    | 70-130 | P    | %Rec  | 1  | 9/27/2020 4:46:22 AM | C72174       |
| Surr: Toluene-d8                      | 101    | 70-130 | P    | %Rec  | 1  | 9/27/2020 4:46:22 AM | C72174       |

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

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

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## Analytical Report

Lab Order 2009D41

Date Reported: 9/30/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW12

Project: Dogie CS

Collection Date: 9/22/2020 12:40:00 PM

Lab ID: 2009D41-003

Matrix: GROUNDWA

Received Date: 9/23/2020 8:00:00 AM

| Analyses                              | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch        |
|---------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST |        |        |      |       |    |                      | Analyst: DJF |
| Benzene                               | 170    | 5.0    |      | µg/L  | 5  | 9/27/2020 5:14:59 AM | C72174       |
| Toluene                               | 5.6    | 5.0    |      | µg/L  | 5  | 9/27/2020 5:14:59 AM | C72174       |
| Ethylbenzene                          | ND     | 5.0    |      | µg/L  | 5  | 9/27/2020 5:14:59 AM | C72174       |
| Xylenes, Total                        | ND     | 7.5    |      | µg/L  | 5  | 9/27/2020 5:14:59 AM | C72174       |
| Surr: 1,2-Dichloroethane-d4           | 91.4   | 70-130 |      | %Rec  | 5  | 9/27/2020 5:14:59 AM | C72174       |
| Surr: Dibromofluoromethane            | 108    | 70-130 |      | %Rec  | 5  | 9/27/2020 5:14:59 AM | C72174       |
| Surr: Toluene-d8                      | 103    | 70-130 |      | %Rec  | 5  | 9/27/2020 5:14:59 AM | C72174       |

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

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

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## Analytical Report

Lab Order 2009D41

Date Reported: 9/30/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW13

Project: Dogie CS

Collection Date: 9/22/2020 11:32:00 AM

Lab ID: 2009D41-004

Matrix: GROUNDWA

Received Date: 9/23/2020 8:00:00 AM

| Analyses                              | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch        |
|---------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST |        |        |      |       |    |                      | Analyst: DJF |
| Benzene                               | ND     | 1.0    | P    | µg/L  | 1  | 9/27/2020 5:43:39 AM | C72174       |
| Toluene                               | ND     | 1.0    | P    | µg/L  | 1  | 9/27/2020 5:43:39 AM | C72174       |
| Ethylbenzene                          | ND     | 1.0    | P    | µg/L  | 1  | 9/27/2020 5:43:39 AM | C72174       |
| Xylenes, Total                        | ND     | 1.5    | P    | µg/L  | 1  | 9/27/2020 5:43:39 AM | C72174       |
| Surr: 1,2-Dichloroethane-d4           | 99.4   | 70-130 | P    | %Rec  | 1  | 9/27/2020 5:43:39 AM | C72174       |
| Surr: Dibromofluoromethane            | 111    | 70-130 | P    | %Rec  | 1  | 9/27/2020 5:43:39 AM | C72174       |
| Surr: Toluene-d8                      | 99.6   | 70-130 | P    | %Rec  | 1  | 9/27/2020 5:43:39 AM | C72174       |

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

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

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## Analytical Report

Lab Order 2009D41

Date Reported: 9/30/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW14

Project: Dogie CS

Collection Date: 9/22/2020 11:40:00 AM

Lab ID: 2009D41-005

Matrix: GROUNDWA

Received Date: 9/23/2020 8:00:00 AM

| Analyses                              | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch        |
|---------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST |        |        |      |       |    |                      | Analyst: DJF |
| Benzene                               | ND     | 1.0    |      | µg/L  | 1  | 9/27/2020 6:12:09 AM | C72174       |
| Toluene                               | ND     | 1.0    |      | µg/L  | 1  | 9/27/2020 6:12:09 AM | C72174       |
| Ethylbenzene                          | ND     | 1.0    |      | µg/L  | 1  | 9/27/2020 6:12:09 AM | C72174       |
| Xylenes, Total                        | ND     | 1.5    |      | µg/L  | 1  | 9/27/2020 6:12:09 AM | C72174       |
| Surr: 1,2-Dichloroethane-d4           | 97.0   | 70-130 |      | %Rec  | 1  | 9/27/2020 6:12:09 AM | C72174       |
| Surr: Dibromofluoromethane            | 112    | 70-130 |      | %Rec  | 1  | 9/27/2020 6:12:09 AM | C72174       |
| Surr: Toluene-d8                      | 106    | 70-130 |      | %Rec  | 1  | 9/27/2020 6:12:09 AM | C72174       |

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

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

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## Analytical Report

Lab Order 2009D41

Date Reported: 9/30/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW15

Project: Dogie CS

Collection Date: 9/22/2020 12:30:00 PM

Lab ID: 2009D41-006

Matrix: GROUNDWA

Received Date: 9/23/2020 8:00:00 AM

| Analyses                              | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch        |
|---------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST |        |        |      |       |    |                      | Analyst: DJF |
| Benzene                               | 1.8    | 1.0    | D    | µg/L  | 2  | 9/27/2020 6:40:45 AM | C72174       |
| Toluene                               | ND     | 2.0    | D    | µg/L  | 2  | 9/27/2020 6:40:45 AM | C72174       |
| Ethylbenzene                          | ND     | 2.0    | D    | µg/L  | 2  | 9/27/2020 6:40:45 AM | C72174       |
| Xylenes, Total                        | ND     | 3.0    | D    | µg/L  | 2  | 9/27/2020 6:40:45 AM | C72174       |
| Surr: 1,2-Dichloroethane-d4           | 96.3   | 70-130 | D    | %Rec  | 2  | 9/27/2020 6:40:45 AM | C72174       |
| Surr: Dibromofluoromethane            | 112    | 70-130 | D    | %Rec  | 2  | 9/27/2020 6:40:45 AM | C72174       |
| Surr: Toluene-d8                      | 102    | 70-130 | D    | %Rec  | 2  | 9/27/2020 6:40:45 AM | C72174       |

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

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

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## Analytical Report

Lab Order 2009D41

Date Reported: 9/30/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW16

Project: Dogie CS

Collection Date: 9/22/2020 12:55:00 PM

Lab ID: 2009D41-007

Matrix: GROUNDWA

Received Date: 9/23/2020 8:00:00 AM

| Analyses                              | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch        |
|---------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST |        |        |      |       |    |                      | Analyst: DJF |
| Benzene                               | ND     | 1.0    |      | µg/L  | 1  | 9/27/2020 7:09:20 AM | C72174       |
| Toluene                               | ND     | 1.0    |      | µg/L  | 1  | 9/27/2020 7:09:20 AM | C72174       |
| Ethylbenzene                          | ND     | 1.0    |      | µg/L  | 1  | 9/27/2020 7:09:20 AM | C72174       |
| Xylenes, Total                        | ND     | 1.5    |      | µg/L  | 1  | 9/27/2020 7:09:20 AM | C72174       |
| Surr: 1,2-Dichloroethane-d4           | 98.2   | 70-130 |      | %Rec  | 1  | 9/27/2020 7:09:20 AM | C72174       |
| Surr: Dibromofluoromethane            | 103    | 70-130 |      | %Rec  | 1  | 9/27/2020 7:09:20 AM | C72174       |
| Surr: Toluene-d8                      | 102    | 70-130 |      | %Rec  | 1  | 9/27/2020 7:09:20 AM | C72174       |

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

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

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## Analytical Report

Lab Order 2009D41

Date Reported: 9/30/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW11

Project: Dogie CS

Collection Date: 9/22/2020 1:40:00 PM

Lab ID: 2009D41-008

Matrix: GROUNDWA

Received Date: 9/23/2020 8:00:00 AM

| Analyses                              | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch        |
|---------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST |        |        |      |       |    |                      | Analyst: DJF |
| Benzene                               | ND     | 1.0    | P    | µg/L  | 1  | 9/27/2020 7:37:56 AM | C72174       |
| Toluene                               | ND     | 1.0    | P    | µg/L  | 1  | 9/27/2020 7:37:56 AM | C72174       |
| Ethylbenzene                          | ND     | 1.0    | P    | µg/L  | 1  | 9/27/2020 7:37:56 AM | C72174       |
| Xylenes, Total                        | ND     | 1.5    | P    | µg/L  | 1  | 9/27/2020 7:37:56 AM | C72174       |
| Surr: 1,2-Dichloroethane-d4           | 99.0   | 70-130 | P    | %Rec  | 1  | 9/27/2020 7:37:56 AM | C72174       |
| Surr: Dibromofluoromethane            | 108    | 70-130 | P    | %Rec  | 1  | 9/27/2020 7:37:56 AM | C72174       |
| Surr: Toluene-d8                      | 104    | 70-130 | P    | %Rec  | 1  | 9/27/2020 7:37:56 AM | C72174       |

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

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

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## Analytical Report

Lab Order 2009D41

Date Reported: 9/30/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW18

Project: Dogie CS

Collection Date: 9/22/2020 12:00:00 PM

Lab ID: 2009D41-009

Matrix: GROUNDWA

Received Date: 9/23/2020 8:00:00 AM

| Analyses                              | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch  |
|---------------------------------------|--------|--------|------|-------|----|----------------------|--------|
| EPA METHOD 8260: VOLATILES SHORT LIST |        |        |      |       |    | Analyst: DJF         |        |
| Benzene                               | ND     | 1.0    |      | µg/L  | 1  | 9/27/2020 8:06:32 AM | C72174 |
| Toluene                               | ND     | 1.0    |      | µg/L  | 1  | 9/27/2020 8:06:32 AM | C72174 |
| Ethylbenzene                          | ND     | 1.0    |      | µg/L  | 1  | 9/27/2020 8:06:32 AM | C72174 |
| Xylenes, Total                        | ND     | 1.5    |      | µg/L  | 1  | 9/27/2020 8:06:32 AM | C72174 |
| Surr: 1,2-Dichloroethane-d4           | 103    | 70-130 |      | %Rec  | 1  | 9/27/2020 8:06:32 AM | C72174 |
| Surr: Dibromofluoromethane            | 108    | 70-130 |      | %Rec  | 1  | 9/27/2020 8:06:32 AM | C72174 |
| Surr: Toluene-d8                      | 101    | 70-130 |      | %Rec  | 1  | 9/27/2020 8:06:32 AM | C72174 |

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

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

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## Analytical Report

Lab Order 2009D41

Date Reported: 9/30/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW19

Project: Dogie CS

Collection Date: 9/22/2020 12:16:00 PM

Lab ID: 2009D41-010

Matrix: GROUNDWA

Received Date: 9/23/2020 8:00:00 AM

| Analyses                              | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch        |
|---------------------------------------|--------|--------|------|-------|----|-----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST |        |        |      |       |    |                       | Analyst: JMR |
| Benzene                               | 17     | 1.0    | P    | µg/L  | 1  | 9/27/2020 12:19:20 PM | R72182       |
| Toluene                               | ND     | 1.0    | P    | µg/L  | 1  | 9/27/2020 12:19:20 PM | R72182       |
| Ethylbenzene                          | 4.7    | 1.0    | P    | µg/L  | 1  | 9/27/2020 12:19:20 PM | R72182       |
| Xylenes, Total                        | 11     | 1.5    | P    | µg/L  | 1  | 9/27/2020 12:19:20 PM | R72182       |
| Surr: 1,2-Dichloroethane-d4           | 97.4   | 70-130 | P    | %Rec  | 1  | 9/27/2020 12:19:20 PM | R72182       |
| Surr: Dibromofluoromethane            | 106    | 70-130 | P    | %Rec  | 1  | 9/27/2020 12:19:20 PM | R72182       |
| Surr: Toluene-d8                      | 106    | 70-130 | P    | %Rec  | 1  | 9/27/2020 12:19:20 PM | R72182       |

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

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

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## Analytical Report

Lab Order 2009D41

Date Reported: 9/30/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW20

Project: Dogie CS

Collection Date: 9/22/2020 2:43:00 PM

Lab ID: 2009D41-011

Matrix: GROUNDWA

Received Date: 9/23/2020 8:00:00 AM

| Analyses                              | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch        |
|---------------------------------------|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST |        |        |      |       |    |                      | Analyst: JMR |
| Benzene                               | ND     | 2.0    | D    | µg/L  | 2  | 9/27/2020 1:44:43 PM | R72182       |
| Toluene                               | ND     | 2.0    | D    | µg/L  | 2  | 9/27/2020 1:44:43 PM | R72182       |
| Ethylbenzene                          | ND     | 2.0    | D    | µg/L  | 2  | 9/27/2020 1:44:43 PM | R72182       |
| Xylenes, Total                        | ND     | 3.0    | D    | µg/L  | 2  | 9/27/2020 1:44:43 PM | R72182       |
| Surr: 1,2-Dichloroethane-d4           | 94.7   | 70-130 | D    | %Rec  | 2  | 9/27/2020 1:44:43 PM | R72182       |
| Surr: Dibromofluoromethane            | 103    | 70-130 | D    | %Rec  | 2  | 9/27/2020 1:44:43 PM | R72182       |
| Surr: Toluene-d8                      | 98.8   | 70-130 | D    | %Rec  | 2  | 9/27/2020 1:44:43 PM | R72182       |

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

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

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

WO#: 2009D41

30-Sep-20

**Client:** Harvest  
**Project:** Dogie CS

| Sample ID: <b>mb2</b>       | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8260: Volatiles Short List</b> |           |             |                    |          |           |      |          |      |
|-----------------------------|---------------------------------|--------------------------------------------------------|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBW</b>       | Batch ID: <b>C72174</b>         | RunNo: <b>72174</b>                                    |           |             |                    |          |           |      |          |      |
| Prep Date:                  | Analysis Date: <b>9/26/2020</b> | SeqNo: <b>2530229</b>                                  |           |             | Units: <b>µg/L</b> |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                                    | SPK value | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                     | ND                              | 1.0                                                    |           |             |                    |          |           |      |          |      |
| Toluene                     | ND                              | 1.0                                                    |           |             |                    |          |           |      |          |      |
| Ethylbenzene                | ND                              | 1.0                                                    |           |             |                    |          |           |      |          |      |
| Xylenes, Total              | ND                              | 1.5                                                    |           |             |                    |          |           |      |          |      |
| Surr: 1,2-Dichloroethane-d4 | 9.6                             |                                                        | 10.00     |             | 95.6               | 70       | 130       |      |          |      |
| Surr: 4-Bromofluorobenzene  | 11                              |                                                        | 10.00     |             | 109                | 70       | 130       |      |          |      |
| Surr: Dibromofluoromethane  | 11                              |                                                        | 10.00     |             | 108                | 70       | 130       |      |          |      |
| Surr: Toluene-d8            | 11                              |                                                        | 10.00     |             | 109                | 70       | 130       |      |          |      |

| Sample ID: <b>100ng lcs2</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8260: Volatiles Short List</b> |           |             |                    |          |           |      |          |      |
|------------------------------|---------------------------------|--------------------------------------------------------|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSW</b>       | Batch ID: <b>C72174</b>         | RunNo: <b>72174</b>                                    |           |             |                    |          |           |      |          |      |
| Prep Date:                   | Analysis Date: <b>9/26/2020</b> | SeqNo: <b>2530230</b>                                  |           |             | Units: <b>µg/L</b> |          |           |      |          |      |
| Analyte                      | Result                          | PQL                                                    | SPK value | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                      | 18                              | 1.0                                                    | 20.00     | 0           | 87.8               | 70       | 130       |      |          |      |
| Toluene                      | 19                              | 1.0                                                    | 20.00     | 0           | 93.8               | 70       | 130       |      |          |      |
| Surr: 1,2-Dichloroethane-d4  | 9.3                             |                                                        | 10.00     |             | 93.3               | 70       | 130       |      |          |      |
| Surr: 4-Bromofluorobenzene   | 10                              |                                                        | 10.00     |             | 102                | 70       | 130       |      |          |      |
| Surr: Dibromofluoromethane   | 11                              |                                                        | 10.00     |             | 106                | 70       | 130       |      |          |      |
| Surr: Toluene-d8             | 10                              |                                                        | 10.00     |             | 101                | 70       | 130       |      |          |      |

| Sample ID: <b>100ng lcs</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8260: Volatiles Short List</b> |           |             |                    |          |           |      |          |      |
|-----------------------------|---------------------------------|--------------------------------------------------------|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSW</b>      | Batch ID: <b>R72182</b>         | RunNo: <b>72182</b>                                    |           |             |                    |          |           |      |          |      |
| Prep Date:                  | Analysis Date: <b>9/27/2020</b> | SeqNo: <b>2530705</b>                                  |           |             | Units: <b>µg/L</b> |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                                    | SPK value | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                     | 18                              | 1.0                                                    | 20.00     | 0           | 88.9               | 70       | 130       |      |          |      |
| Toluene                     | 20                              | 1.0                                                    | 20.00     | 0           | 97.6               | 70       | 130       |      |          |      |
| Surr: 1,2-Dichloroethane-d4 | 9.5                             |                                                        | 10.00     |             | 94.7               | 70       | 130       |      |          |      |
| Surr: 4-Bromofluorobenzene  | 10                              |                                                        | 10.00     |             | 101                | 70       | 130       |      |          |      |
| Surr: Dibromofluoromethane  | 11                              |                                                        | 10.00     |             | 105                | 70       | 130       |      |          |      |
| Surr: Toluene-d8            | 9.7                             |                                                        | 10.00     |             | 96.9               | 70       | 130       |      |          |      |

| Sample ID: <b>mb1</b> | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8260: Volatiles Short List</b> |           |             |                    |          |           |      |          |      |
|-----------------------|---------------------------------|--------------------------------------------------------|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBW</b> | Batch ID: <b>R72182</b>         | RunNo: <b>72182</b>                                    |           |             |                    |          |           |      |          |      |
| Prep Date:            | Analysis Date: <b>9/27/2020</b> | SeqNo: <b>2530706</b>                                  |           |             | Units: <b>µg/L</b> |          |           |      |          |      |
| Analyte               | Result                          | PQL                                                    | SPK value | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene               | ND                              | 1.0                                                    |           |             |                    |          |           |      |          |      |
| Toluene               | ND                              | 1.0                                                    |           |             |                    |          |           |      |          |      |

**Qualifiers:**

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

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

## QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2009D41

30-Sep-20

**Client:** Harvest  
**Project:** Dogie CS

| Sample ID: <b>mb1</b>       | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8260: Volatiles Short List</b> |           |                    |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--------------------------------------------------------|-----------|--------------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBW</b>       | Batch ID: <b>R72182</b>         | RunNo: <b>72182</b>                                    |           |                    |      |          |           |      |          |      |
| Prep Date:                  | Analysis Date: <b>9/27/2020</b> | SeqNo: <b>2530706</b>                                  |           | Units: <b>µg/L</b> |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                                    | SPK value | SPK Ref Val        | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Ethylbenzene                | ND                              | 1.0                                                    |           |                    |      |          |           |      |          |      |
| Xylenes, Total              | ND                              | 1.5                                                    |           |                    |      |          |           |      |          |      |
| Surr: 1,2-Dichloroethane-d4 | 9.6                             |                                                        | 10.00     |                    | 96.5 | 70       | 130       |      |          |      |
| Surr: 4-Bromofluorobenzene  | 10                              |                                                        | 10.00     |                    | 99.6 | 70       | 130       |      |          |      |
| Surr: Dibromofluoromethane  | 11                              |                                                        | 10.00     |                    | 106  | 70       | 130       |      |          |      |
| Surr: Toluene-d8            | 10                              |                                                        | 10.00     |                    | 102  | 70       | 130       |      |          |      |

| Sample ID: <b>2009d41-010a ms</b> | SampType: <b>MS</b>             | TestCode: <b>EPA Method 8260: Volatiles Short List</b> |           |                    |      |          |           |      |          |      |
|-----------------------------------|---------------------------------|--------------------------------------------------------|-----------|--------------------|------|----------|-----------|------|----------|------|
| Client ID: <b>MW19</b>            | Batch ID: <b>R72182</b>         | RunNo: <b>72182</b>                                    |           |                    |      |          |           |      |          |      |
| Prep Date:                        | Analysis Date: <b>9/27/2020</b> | SeqNo: <b>2530710</b>                                  |           | Units: <b>µg/L</b> |      |          |           |      |          |      |
| Analyte                           | Result                          | PQL                                                    | SPK value | SPK Ref Val        | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                           | 37                              | 1.0                                                    | 20.00     | 17.34              | 97.8 | 70       | 130       |      |          |      |
| Toluene                           | 21                              | 1.0                                                    | 20.00     | 0                  | 103  | 70       | 130       |      |          |      |
| Surr: 1,2-Dichloroethane-d4       | 11                              |                                                        | 10.00     |                    | 106  | 70       | 130       |      |          |      |
| Surr: 4-Bromofluorobenzene        | 14                              |                                                        | 10.00     |                    | 136  | 70       | 130       |      |          | S    |
| Surr: Dibromofluoromethane        | 11                              |                                                        | 10.00     |                    | 107  | 70       | 130       |      |          |      |
| Surr: Toluene-d8                  | 9.8                             |                                                        | 10.00     |                    | 97.6 | 70       | 130       |      |          |      |

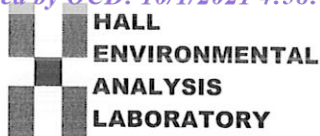
| Sample ID: <b>2009d41-010a msd</b> | SampType: <b>MSD</b>            | TestCode: <b>EPA Method 8260: Volatiles Short List</b> |           |                    |      |          |           |       |          |      |
|------------------------------------|---------------------------------|--------------------------------------------------------|-----------|--------------------|------|----------|-----------|-------|----------|------|
| Client ID: <b>MW19</b>             | Batch ID: <b>R72182</b>         | RunNo: <b>72182</b>                                    |           |                    |      |          |           |       |          |      |
| Prep Date:                         | Analysis Date: <b>9/27/2020</b> | SeqNo: <b>2530711</b>                                  |           | Units: <b>µg/L</b> |      |          |           |       |          |      |
| Analyte                            | Result                          | PQL                                                    | SPK value | SPK Ref Val        | %REC | LowLimit | HighLimit | %RPD  | RPDLimit | Qual |
| Benzene                            | 36                              | 1.0                                                    | 20.00     | 17.34              | 92.0 | 70       | 130       | 3.17  | 20       |      |
| Toluene                            | 21                              | 1.0                                                    | 20.00     | 0                  | 104  | 70       | 130       | 0.328 | 20       |      |
| Surr: 1,2-Dichloroethane-d4        | 10                              |                                                        | 10.00     |                    | 103  | 70       | 130       | 0     | 0        |      |
| Surr: 4-Bromofluorobenzene         | 14                              |                                                        | 10.00     |                    | 138  | 70       | 130       | 0     | 0        | S    |
| Surr: Dibromofluoromethane         | 11                              |                                                        | 10.00     |                    | 107  | 70       | 130       | 0     | 0        |      |
| Surr: Toluene-d8                   | 10                              |                                                        | 10.00     |                    | 102  | 70       | 130       | 0     | 0        |      |

## Qualifiers:

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

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

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

## Sample Log-In Check List

Client Name: **Harvest**Work Order Number: **2009D41**

RcptNo: 1

Received By: **Cheyenne Cason**

9/23/2020 8:00:00 AM

Completed By: **Isaiah Ortiz**

9/23/2020 8:17:15 AM

Reviewed By: *cmc**9/23/20**IOX*

### Chain of Custody

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

### Log In

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

# of preserved  
bottles checked  
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: *JR 9/23/20*

### Special Handling (if applicable)

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

Person Notified: \_\_\_\_\_

Date: \_\_\_\_\_

By Whom: \_\_\_\_\_

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: \_\_\_\_\_

Client Instructions: \_\_\_\_\_

16. Additional remarks:

### 17. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1         | 5.2     | Good      | Yes         |         |           |           |

## Chain-of-Custody Record

Client: Harvest Four Corners  
Kiyer Hong  
 Mailing Address: 1755 Arroyo Dr.  
Bloomfield, NM 87413  
 Phone #: \_\_\_\_\_  
 email or Fax#: Khong.e.harvestmids@gmail.com  
 QA/QC Package:  
☒ Standard ☐ Level 4 (Full Validation)  
 Accreditation: ☐ Az Compliance  
☐ NELAC ☐ Other \_\_\_\_\_  
☒ EDD (Type) PDF

| Date    | Time | Matrix | Sample Name |
|---------|------|--------|-------------|
| 9-22-20 | 1158 | GW     | MW10        |
|         | 1255 |        | MW17        |
|         | 1240 |        | MW12        |
|         | 1132 |        | MW13        |
|         | 1140 |        | MW14        |
|         | 1230 |        | MW15        |
|         | 1255 |        | MW16        |
|         | 1340 |        | MW11        |
|         | 1200 |        | MW18        |
|         | 1216 |        | MW19        |
|         | 1443 |        | MW20        |

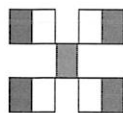
Relinquished by: [Signature]  
 Date: 9-22-20 Time: 1612  
 Relinquished by: [Signature]  
 Date: 9/22/2020 Time: 1810

Turn-Around Time: ☒ Standard ☐ Rush  
 Project Name: Doggie LG  
 Project #: 040319013

Project Manager: Brooke Herb  
 Sampler: Josh Adams / Eric Carroll  
 On Ice: ☒ Yes ☐ No  
 # of Coolers: 1

Cooler Temp (including CP): 5.3-0.1-5.2  
 Container Type and # (3) Vials  
 Preservative Type HCL  
 HEAL No. 2009041  
 BTEX / MTBE / TMS (8021) X  
 TPH:8015D(GRO / DRO / MRO) X  
 8081 Pesticides/8082 PCB's X  
 EDB (Method 504.1) X  
 PAHs by 8310 or 8270SIMS X  
 RCRA 8 Metals X  
 Cl, F, Br, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub> X  
 8260 (VOA) X  
 8270 (Semi-VOA) X  
 Total Coliform (Present/Absent) X

Received by: [Signature] Via: Car Date: 9/23/20 Time: 0800  
 Received by: [Signature] Via: Car Date: 9/23/20 Time: 0800



# HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

| BTEX / MTBE / TMS (8021) | TPH:8015D(GRO / DRO / MRO) | 8081 Pesticides/8082 PCB's | EDB (Method 504.1) | PAHs by 8310 or 8270SIMS | RCRA 8 Metals | Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) |
|--------------------------|----------------------------|----------------------------|--------------------|--------------------------|---------------|----------------------------------------------------------------------------------|------------|-----------------|---------------------------------|
| X                        | X                          | X                          | X                  | X                        | X             | X                                                                                | X          | X               | X                               |
| X                        | X                          | X                          | X                  | X                        | X             | X                                                                                | X          | X               | X                               |
| X                        | X                          | X                          | X                  | X                        | X             | X                                                                                | X          | X               | X                               |
| X                        | X                          | X                          | X                  | X                        | X             | X                                                                                | X          | X               | X                               |
| X                        | X                          | X                          | X                  | X                        | X             | X                                                                                | X          | X               | X                               |
| X                        | X                          | X                          | X                  | X                        | X             | X                                                                                | X          | X               | X                               |
| X                        | X                          | X                          | X                  | X                        | X             | X                                                                                | X          | X               | X                               |
| X                        | X                          | X                          | X                  | X                        | X             | X                                                                                | X          | X               | X                               |
| X                        | X                          | X                          | X                  | X                        | X             | X                                                                                | X          | X               | X                               |
| X                        | X                          | X                          | X                  | X                        | X             | X                                                                                | X          | X               | X                               |

Remarks: cc: bherb@henv.com  
ecarroll@henv.com  
jadamse@henv.com

**District I**

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

**District II**

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

**District III**

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

**District IV**

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

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

CONDITIONS

Action 53574

**CONDITIONS**

|                                                                                   |                                                                          |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>Harvest Four Corners, LLC<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>373888                                                         |
|                                                                                   | Action Number:<br>53574                                                  |
|                                                                                   | Action Type:<br>[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT) |

**CONDITIONS**

| Created By | Condition                                                                                                                                                                                                                   | Condition Date |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| nvelez     | Review of the 2020 Annual Groundwater Report: Content satisfactory 1. Continue with future work stated within 2020 Annual Groundwater Report 2. Submit the Annual Monitoring Report to the OCD no later than March 31, 2022 | 1/3/2022       |