

**APPROVED****By Nelson Velez at 9:17 am, Jan 03, 2022**

October 6, 2021

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

1. Continue with monitoring plan as stated within 2020 Annual Groundwater Report
2. Submit annual report no later than March 31, 2022

**Subject:** 2020 Annual Groundwater Report  
**Jicarilla Contract 147-6**  
**Incident Number: nAUTOfAB000298**  
**Rio Arriba County, New Mexico**

## INTRODUCTION

WSP USA Inc. (WSP) has prepared this report on behalf of Harvest Four Corners, LLC (Harvest) detailing groundwater monitoring activities completed in June 2020 at the Jicarilla Contract 147-6 natural gas production well (Site), Administrative Environmental Order Number 3RP-325-0. The scope of work for this project is continued monitoring of the petroleum hydrocarbon impacts to groundwater resulting from a release from a former unlined dehydrator pit.

## LOCATION

The Site is located at latitude 36.433803 and longitude -107.403562 in Unit C, Section 6, Township 25 North, Range 5 West (Figure 1). The Site is adjacent to a tributary of Tapacito Creek, which drains into Largo Wash, in the San Juan Basin of Rio Arriba County, New Mexico.

## HISTORY

The source of groundwater impact is a former unlined dehydrator pit formerly operated by the Gas Company of New Mexico (GCNM/PNM). In July 1998, over 12,000 cubic yards of impacted soil were excavated from the Site. A groundwater sample collected from the open excavation at approximately 26 feet below ground surface (bgs) contained 1,400 micrograms per liter ( $\mu\text{g}/\text{L}$ ) of benzene, 4,500  $\mu\text{g}/\text{L}$  of toluene, 580  $\mu\text{g}/\text{L}$  of ethylbenzene, and 6,800  $\mu\text{g}/\text{L}$  of total xylenes. In January 1999, five monitoring wells (MW-1, MW-2, MW-3, MW-4, and MW-5) were installed. Based on the analytical results of groundwater sampling, an additional five monitoring wells (MW-6, MW-7, MW-8, MW-9, and MW-10) were installed in 1999 and 2000. Over time, three monitoring wells (MW-4, MW-5, and MW-7) located near a wash adjacent to the Site were destroyed by erosion. Records regarding these activities are in previous groundwater reports submitted to the New Mexico Oil Conservation Division (NMOCD). Williams purchased the GCNM facility from PNM in 2000 and assumed environmental liability for the former unlined dehydrator pit. Between 2000 and December 2012, Williams monitored groundwater quality in the monitoring wells at the Site. Williams installed two monitoring wells (MW-11 and MW-12) on October 21, 2013 to better understand Site conditions. Williams installed two additional monitoring wells (MW-13 and MW-14) on November 20, 2017. In 2018, Harvest purchased the facility from Williams and assumed environmental liability for the Site.

## METHODOLOGY

WSP monitored groundwater elevations and collected groundwater samples in June 2020. Groundwater monitoring consisted of measuring groundwater elevations in ten existing monitoring wells and sampling groundwater in monitoring wells MW-3, MW-6, MW-9, and MW-11. Upgradient monitoring wells MW-1, MW-2, MW-8, and

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MW-10 were not sampled due to eight previous quarters of sampling documenting benzene, toluene, ethylbenzene, and total xylenes (BTEX) concentrations were compliant with New Mexico Water Quality Control Commission (NMWQCC) standards. Monitoring well MW-12 was destroyed by erosion before the 2020 groundwater sampling event, monitoring well MW-13 was dry, and monitoring well MW-14 bailed dry at 1.5 gallons with no recharge observed in the well after an hour and a half after purging.

## **WATER LEVEL MEASUREMENTS**

WSP measured depth to groundwater in the monitoring wells and investigated the presence of phase-separated hydrocarbons (PSH) with a Keck® oil/water interface probe. The interface probe was decontaminated with Alconox™ soap and rinsed with de-ionized water prior to each measurement. These data are summarized in Table 1.

## **GROUNDWATER SAMPLING**

Prior to sampling groundwater, WSP measured depth to groundwater and total depth of monitoring wells with a Keck® oil/water interface probe. The volume of groundwater in each monitoring well was calculated and a minimum of three well casing volumes of groundwater was purged from each well using a new, disposable polyvinyl chloride (PVC) bailer. As water was removed from the monitoring well, pH, electrical conductivity (EC), and temperature were measured. Monitoring wells were purged until these properties stabilized, indicating the purge water was representative of aquifer conditions, or until the well was purged dry. Purge water was containerized and disposed of at a facility designated by Harvest. Copies of the 2020 groundwater collection field forms are presented in Enclosure A.

Once each monitoring well was properly purged, groundwater samples were collected by filling three 40-milliliter (ml) glass vials. The laboratory-supplied vials were filled and capped with zero headspace to prevent degradation of the sample. Samples were labeled and immediately sealed, packed on ice, and transferred to Hall Environmental Analysis Laboratory (HEAL) under chain-of-custody (COC) procedures for analysis of BTEX using United States Environmental Protection Agency (EPA) Method 8021. COC forms were completed documenting the date and time sampled, sample number, type of sample, sampler's name, preservative used (if any), analyses required, and sampler's signature. Laboratory analytical reports are included as Enclosure B.

## **GROUNDWATER CONTOUR MAPS**

WSP used existing top-of-casing well elevations and measured groundwater elevations to generate groundwater potentiometric surfaces and determine groundwater flow direction for the June 2020 monitoring event (Figure 2). All existing monitoring wells were surveyed by Williams personnel on January 3, 2018 and top-of-casing elevations for that surveying event were used for the groundwater contour map. Monitoring well MW-12 was damaged due to erosion and the top-of-casing has not been resurveyed. Potentiometric surfaces were inferred based on groundwater elevations obtained and observations of physical characteristics at the Site, such as topography and proximity to irrigation ditches.

## **RESULTS**

Depth to groundwater measurements from 2020 are summarized in Table 1. PSH was not observed in 2020. Groundwater flow direction was determined to be to the north-northwest at the Site, which is consistent with previous monitoring events (Figure 2).

In June 2020, monitoring well MW-3 contained benzene concentrations of 570 µg/L, and total xylene concentrations of 2,000 µg/L. Monitoring well MW-6 contained benzene concentrations of 3,800 µg/L. Both samples exceed the NMWQCC groundwater standard of 5 µg/L benzene and the sample from MW-6 exceeds the standard of 620 µg/L

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total xylenes. Table 2 summarizes the groundwater analytical results and complete copies of the laboratory analytical reports are included in Enclosure B.

## CONCLUSIONS

Laboratory analytical results indicate that groundwater samples collected from monitoring well MW-3 contain concentrations of benzene and total xylenes that exceed the NMWQCC groundwater standards, and MW-6 contain concentrations of benzene that also exceed the NMWQCC groundwater standards. The impacted groundwater plume remains stable, with similar gradient and flow direction. Detectable concentrations of benzene and total xylenes are within range of historic sampling results. Sample results from downgradient wells MW-9 and MW-14 contained no detectable concentrations of BTEX, suggesting the dissolved phase impacts are not migrating.

## MONITORING PLAN

Harvest will continue to monitor groundwater elevations and for the presence of PSH in the existing monitoring wells annually. Harvest will continue to collect groundwater samples from monitoring wells MW-3, MW-6, and MW-14 to monitor impacts to groundwater, as well as monitoring wells MW-9, MW-11, and MW-13 to confirm the groundwater plume has not migrated.

Kind regards,

A handwritten signature in black ink that reads "Eric Carroll".

Eric Carroll  
Associate Geologist

A handwritten signature in black ink that reads "Ashley L. Ager".

Ashley Ager, PG  
Managing Director

cc:  
Encl.

Figure 1: Site Location Map

Figure 2: Groundwater Elevations and Analytical Results (June 2020)

Table 1: Groundwater Elevation Summary

Table 2: Groundwater Analytical Results

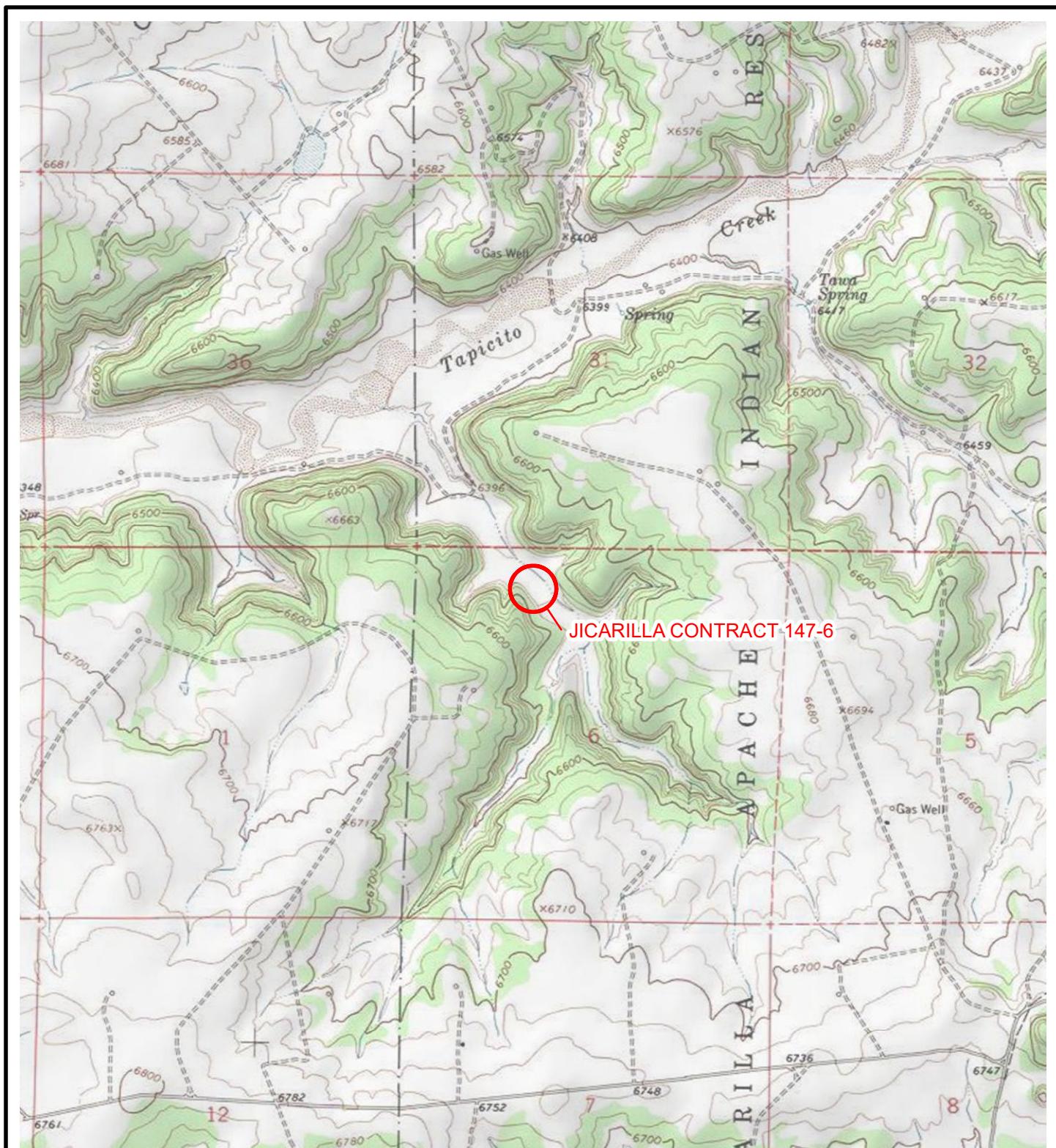
Enclosure A: 2020 Sample Collection Forms

Enclosure B: Laboratory Analytical Results

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## FIGURES

**LEGEND**

SITE LOCATION

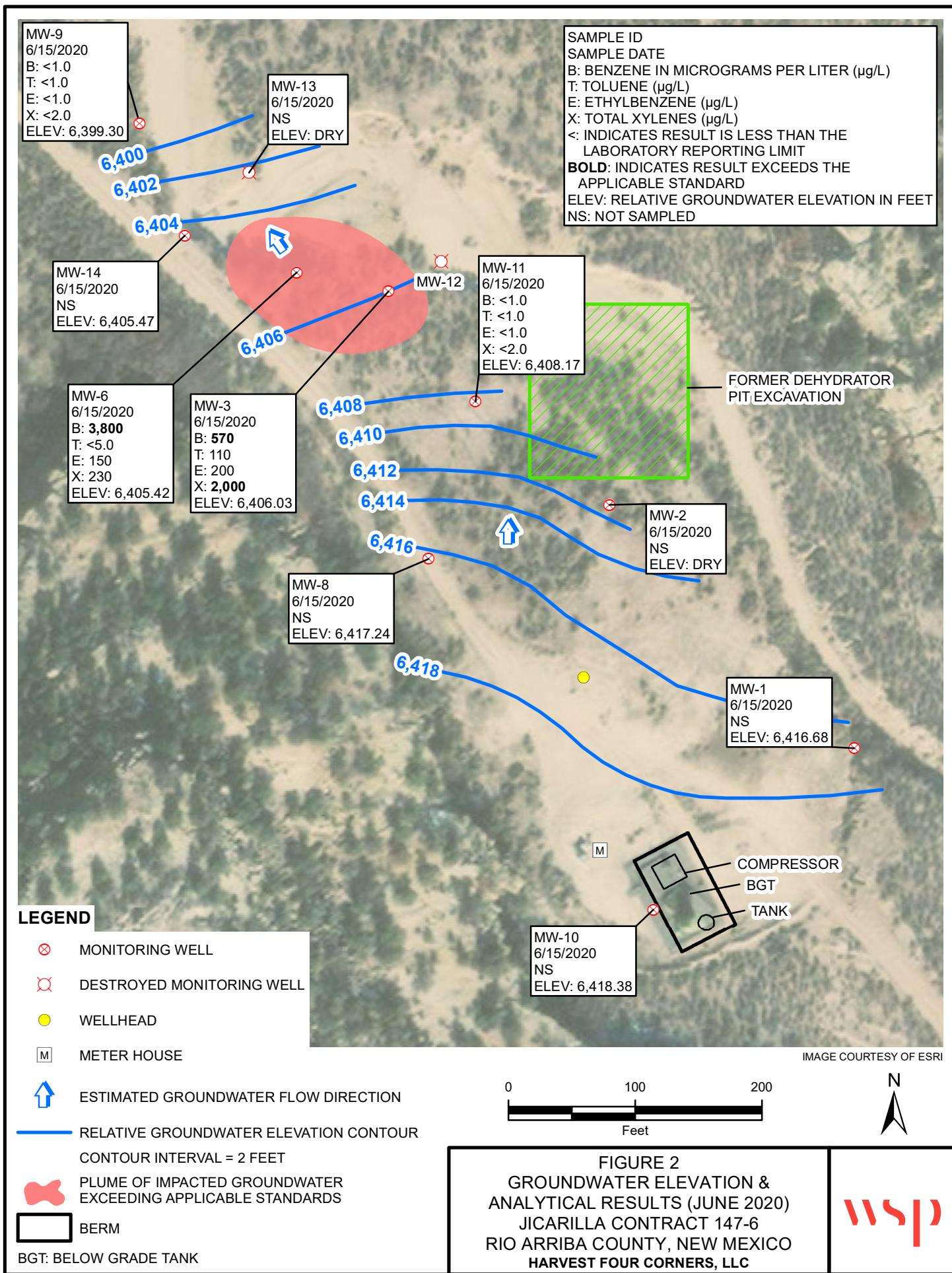
0 2,000 4,000  
Feet



**FIGURE 1**  
**SITE LOCATION MAP**  
**JICARILLA CONTRACT 147-6**  
**RIO ARRIBA COUNTY, NEW MEXICO**

HARVEST FOUR CORNERS, LLC

**WSP**



## TABLES

TABLE 1

**GROUNDWATER ELEVATIONS SUMMARY**  
**JICARILLA CONTRACT 147-6**  
**RIO ARRIBA COUNTY, NEW MEXICO**

Well ID	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
<b>MW-1</b>	3/4/2013	6,435.75	21.85	NP	NP	6,413.90
<b>MW-1**</b>	6/25/2013	6,440.95	22.51	NP	NP	6,418.44
<b>MW-1</b>	12/2/2013	6,440.95	21.11	NP	NP	6,419.84
<b>MW-1</b>	6/16/2014	6,440.95	21.82	NP	NP	6,419.13
<b>MW-1</b>	12/2/2014	6,440.95	21.76	NP	NP	6,419.19
<b>MW-1</b>	6/18/2015	6,440.95	21.90	NP	NP	6,419.05
<b>MW-1</b>	9/25/2015	6,440.95	21.72	NP	NP	6,419.23
<b>MW-1</b>	12/18/2015	6,440.95	21.61	NP	NP	6,419.34
<b>MW-1</b>	6/14/2016	6,440.95	21.99	NP	NP	6,418.96
<b>MW-1</b>	6/27/2017	6,440.95	22.90	NP	NP	6,418.05
<b>MW-1</b>	6/26/2018	6,440.95	23.19	NP	NP	6,417.76
<b>MW-1</b>	6/26/2019	6,440.95	23.12	NP	NP	6,417.83
<b>MW-1</b>	6/15/2020	6,440.95	24.27	NP	NP	6,416.68
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<b>MW-2*</b>	3/4/2013	6,432.70	22.34	22.33	0.01	6,411.17
<b>MW-2**</b>	6/25/2013	6,437.27	22.90	NP	NP	6,414.37
<b>MW-2</b>	12/2/2013	6,437.27	21.76	NP	NP	6,415.51
<b>MW-2</b>	6/16/2014	6,437.27	22.39	NP	NP	6,414.88
<b>MW-2</b>	12/2/2014	6,437.27	22.33	NP	NP	6,414.94
<b>MW-2</b>	6/18/2015	6,437.27	22.41	NP	NP	6,414.86
<b>MW-2</b>	9/25/2015	6,437.27	22.76	NP	NP	6,414.51
<b>MW-2</b>	12/18/2015	6,437.27	22.31	NP	NP	6,414.96
<b>MW-2</b>	6/14/2016	6,437.27	22.46	NP	NP	6,414.81
<b>MW-2</b>	6/27/2017	6,437.27	23.06	NP	NP	6,414.21
<b>MW-2</b>	6/26/2018	6,437.27	DRY	NP	NP	DRY
<b>MW-2</b>	6/26/2019	6,437.27	DRY	NP	NP	DRY
<b>MW-2</b>	6/15/2020	6,437.27	DRY	NP	NP	DRY
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<b>MW-3</b>	3/4/2013	6,422.80	21.26	NP	NP	6,401.54
<b>MW-3**</b>	6/25/2013	6,427.87	21.37	NP	NP	6,406.50
<b>MW-3</b>	12/2/2013	6,427.87	21.44	NP	NP	6,406.43
<b>MW-3</b>	6/16/2014	6,427.87	20.73	NP	NP	6,407.14
<b>MW-3</b>	12/9/2014	6,427.87	21.59	NP	NP	6,406.28
<b>MW-3</b>	6/18/2015	6,427.87	20.58	NP	NP	6,407.29
<b>MW-3</b>	9/25/2015	6,427.87	21.61	NP	NP	6,406.26
<b>MW-3</b>	12/18/2015	6,427.87	21.38	NP	NP	6,406.49
<b>MW-3</b>	6/14/2016	6,427.87	20.57	NP	NP	6,407.30
<b>MW-3</b>	6/27/2017	6,427.87	21.04	NP	NP	6,406.83
<b>MW-3***</b>	12/1/2017	6,427.63	21.72	21.70	0.02	6,405.93
<b>MW-3</b>	6/26/2018	6,427.63	21.28	NP	NP	6,406.35
<b>MW-3</b>	6/26/2019	6,427.63	21.08	NP	NP	6,406.55

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**RIO ARRIBA COUNTY, NEW MEXICO**

Well ID	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
<b>MW-3</b>	6/15/2020	6,427.63	21.60	NP	NP	6,406.03
<b>MW-4</b>	3/4/2013	DEST	DEST	DEST	DEST	DEST
<b>MW-5</b>	3/4/2013	DEST	DEST	DEST	DEST	DEST
<b>MW-6</b>	3/4/2013	6,426.77	25.61	NP	NP	6,401.16
<b>MW-6**</b>	6/25/2013	6,431.94	26.14	NP	NP	6,405.80
<b>MW-6</b>	12/2/2013	6,431.94	26.08	NP	NP	6,405.86
<b>MW-6</b>	6/16/2014	6,431.94	25.39	NP	NP	6,406.55
<b>MW-6</b>	12/2/2014	6,431.94	26.31	NP	NP	6,405.63
<b>MW-6</b>	6/18/2015	6,431.94	25.21	NP	NP	6,406.73
<b>MW-6</b>	9/25/2015	6,431.94	26.47	NP	NP	6,405.47
<b>MW-6</b>	12/18/2015	6,431.94	26.09	NP	NP	6,405.85
<b>MW-6</b>	6/14/2016	6,431.94	25.26	NP	NP	6,406.68
<b>MW-6</b>	6/27/2017	6,431.94	25.80	NP	NP	6,406.14
<b>MW-6***</b>	12/1/2017	6,431.71	26.34	26.32	0.02	6,405.39
<b>MW-6</b>	6/26/2018	6,431.71	26.27	NP	NP	6,405.44
<b>MW-6</b>	6/26/2019	6,431.71	25.85	NP	NP	6,405.86
<b>MW-6</b>	6/15/2020	6,431.71	26.29	NP	NP	6,405.42
<b>MW-7</b>	3/4/2013	DEST	DEST	DEST	DEST	DEST
<b>MW-8</b>	3/4/2013	6,430.33	16.36	NP	NP	6,413.97
<b>MW-8**</b>	6/25/2013	6,435.14	17.31	NP	NP	6,417.83
<b>MW-8</b>	12/2/2013	6,435.14	17.65	NP	NP	6,417.49
<b>MW-8</b>	6/16/2014	6,435.14	16.82	NP	NP	6,418.32
<b>MW-8</b>	12/2/2014	6,435.14	16.79	NP	NP	6,418.35
<b>MW-8</b>	6/18/2015	6,435.14	16.62	NP	NP	6,418.52
<b>MW-8</b>	9/25/2015	6,435.14	17.35	NP	NP	6,417.79
<b>MW-8</b>	12/18/2015	6,435.14	16.58	NP	NP	6,418.56
<b>MW-8</b>	6/14/2016	6,435.14	16.80	NP	NP	6,418.34
<b>MW-8</b>	6/27/2017	6,435.14	17.33	NP	NP	6,417.81
<b>MW-8</b>	6/26/2018	6,435.14	17.61	NP	NP	6,417.53
<b>MW-8</b>	6/26/2019	6,435.14	17.37	NP	NP	6,417.77
<b>MW-8</b>	6/15/2020	6,435.14	17.90	NP	NP	6,417.24
<b>MW-9</b>	3/4/2013	6,423.04	28.55	NP	NP	6,394.49
<b>MW-9**</b>	6/25/2013	6,428.08	28.83	NP	NP	6,399.25
<b>MW-9</b>	12/2/2013	6,428.08	28.65	NP	NP	6,399.43
<b>MW-9</b>	6/16/2014	6,428.08	28.08	NP	NP	6,400.00

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<b>MW-9</b>	12/2/2014	6,428.08	28.45	NP	NP	6,399.63
<b>MW-9</b>	6/18/2015	6,428.08	27.83	NP	NP	6,400.25
<b>MW-9</b>	9/25/2015	6,428.08	28.86	NP	NP	6,399.22
<b>MW-9</b>	12/18/2015	6,428.08	28.52	NP	NP	6,399.56
<b>MW-9</b>	6/14/2016	6,428.08	28.64	NP	NP	6,399.44
<b>MW-9</b>	6/27/2017	6,428.08	28.29	NP	NP	6,399.79
<b>MW-9</b>	6/26/2018	6,428.08	28.45	NP	NP	6,399.63
<b>MW-9</b>	6/26/2019	6,428.08	28.11	NP	NP	6,399.97
<b>MW-9</b>	6/15/2020	6,428.08	28.78	NP	NP	6,399.30
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<b>MW-10*</b>	3/4/2013	6,435.38	20.90	20.89	0.01	6,415.29
<b>MW-10**</b>	6/25/2013	6,440.48	21.59	NP	NP	6,418.89
<b>MW-10</b>	12/2/2013	6,440.48	20.93	NP	NP	6,419.55
<b>MW-10</b>	6/16/2014	6,440.48	21.14	NP	NP	6,419.34
<b>MW-10</b>	12/2/2014	6,440.48	21.17	NP	NP	6,419.31
<b>MW-10</b>	6/18/2015	6,440.48	21.01	NP	NP	6,419.47
<b>MW-10</b>	9/25/2015	6,440.48	21.56	NP	NP	6,418.92
<b>MW-10</b>	12/18/2015	6,440.48	21.01	NP	NP	6,419.47
<b>MW-10</b>	6/14/2016	6,440.48	21.12	NP	NP	6,419.36
<b>MW-10</b>	6/27/2017	6,440.48	21.63	NP	NP	6,418.85
<b>MW-10</b>	6/26/2018	6,440.48	21.76	NP	NP	6,418.72
<b>MW-10</b>	6/26/2019	6,440.48	21.56	NP	NP	6,418.92
<b>MW-10</b>	6/15/2020	6,440.48	22.10	NP	NP	6,418.38
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<b>MW-11</b>	12/2/2013	6,433.46	24.38	NP	NP	6,409.08
<b>MW-11</b>	6/16/2014	6,433.46	24.35	NP	NP	6,409.11
<b>MW-11</b>	12/2/2014	6,433.46	24.46	NP	NP	6,409.00
<b>MW-11</b>	6/18/2015	6,433.46	24.30	NP	NP	6,409.16
<b>MW-11</b>	9/25/2015	6,433.46	24.68	NP	NP	6,408.78
<b>MW-11</b>	12/18/2015	6,433.46	24.32	NP	NP	6,409.14
<b>MW-11</b>	6/14/2016	6,433.46	24.30	NP	NP	6,409.16
<b>MW-11</b>	6/27/2017	6,433.46	24.36	NP	NP	6,409.10
<b>MW-11***</b>	12/1/2017	6,432.86	24.35	NP	NP	6,408.51
<b>MW-11</b>	6/26/2018	6,432.86	24.43	NP	NP	6,408.43
<b>MW-11</b>	6/26/2019	6,432.86	24.22	NP	NP	6,408.64
<b>MW-11</b>	6/15/2020	6,432.86	24.69	NP	NP	6,408.17
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<b>MW-12</b>	12/2/2013	6,429.62	21.87	NP	NP	6,407.75
<b>MW-12</b>	6/16/2014	6,429.62	21.65	NP	NP	6,407.97
<b>MW-12</b>	12/2/2014	6,429.62	22.20	NP	NP	6,407.42

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**RIO ARRIBA COUNTY, NEW MEXICO**

Well ID	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
<b>MW-12</b>	6/18/2015	6,429.62	21.50	NP	NP	6,408.12
<b>MW-12</b>	9/25/2015	6,429.62	22.38	NP	NP	6,407.24
<b>MW-12</b>	12/18/2015	6,429.62	22.03	NP	NP	6,407.59
<b>MW-12</b>	6/14/2016	6,429.62	21.49	NP	NP	6,408.13
<b>MW-12</b>	6/27/2017	6,429.62	21.98	NP	NP	6,407.64
<b>MW-12***</b>	12/1/2017	6,428.74	22.25	NP	NP	6,406.49
<b>MW-12</b>	6/26/2018	6,428.74	22.21	NP	NP	6,406.53
<b>MW-12</b>	6/26/2019	6,428.74	15.29	NP	NP	UNK
<b>MW-12</b>	6/15/2020	DEST	DEST	DEST	DEST	DEST
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<b>MW-13</b>	12/1/2017	6,422.01	13.10	NP	NP	6,408.91
<b>MW-13</b>	6/26/2018	6,422.01	DRY	NP	NP	DRY
<b>MW-13</b>	6/26/2019	6,422.01	DRY	NP	NP	DRY
<b>MW-13</b>	6/15/2020	6,422.01	DRY	NP	NP	DRY
<hr/>						
<b>MW-14</b>	12/1/2017	6,428.45	23.28	NP	NP	6,405.17
<b>MW-14</b>	6/26/2018	6,428.45	23.50	NP	NP	6,404.95
<b>MW-14</b>	6/26/2019	6,428.45	22.50	NP	NP	6,405.95
<b>MW-14</b>	6/15/2020	6,428.45	22.98	NP	NP	6,405.47

**Notes:**

\*\* - Top of casing elevation was resurveyed on 6/19/13

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

AMSL - above mean sea level

BTOC - below top of casing

DEST - well has been destroyed

NP - no product

UNK - Unknown

TABLE 2

**GROUNDWATER LABORATORY ANALYTICAL RESULTS**  
**JICARILLA CONTRACT 147-6**  
**RIO ARRIBA COUNTY, NEW MEXICO**

Well Name	Sample Date	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethylbenzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )
<b>NMWQCC Standard (<math>\mu\text{g}/\text{L}</math>)</b>		<b>5</b>	<b>1,000</b>	<b>700</b>	<b>620</b>
<b>MW-1</b>	1/28/1999	<0.5	1.5	<0.5	2.6
<b>MW-1</b>	4/14/1999	<0.5	<0.5	<0.5	<1.5
<b>MW-1</b>	9/27/1999	<0.5	<0.5	<0.5	<1.5
<b>MW-1</b>	11/15/1999	<0.5	<0.5	<0.5	<1.5
<b>MW-1</b>	2/13/2001	<1.0	<1.0	<1.0	<1.0
<b>MW-1</b>	5/9/2001	<1.0	<1.0	<1.0	<1.0
<b>MW-1</b>	11/2/2001	<1.0	3.1	<2.0	<2.0
<b>MW-1</b>	3/20/2010	<1.0	<1.0	<1.0	<3.0
<b>MW-1</b>	6/22/2010	<1.0	<1.0	<1.0	<3.0
<b>MW-1</b>	9/16/2010	<1.0	<1.0	<1.0	<3.0
<b>MW-1</b>	12/8/2010	<1.0	<1.0	<1.0	<3.0
<b>MW-1</b>	3/10/2011	<1.0	<1.0	<1.0	<3.0
<b>MW-1</b>	6/15/2011	<1.0	<1.0	<1.0	<3.0
<b>MW-1</b>	9/13/2011	<1.0	<1.0	<1.0	<3.0
<b>MW-1</b>	1/6/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-1</b>	4/6/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-1</b>	6/12/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-1</b>	9/27/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-1</b>	12/7/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-1</b>	3/4/2013	<1.0	<1.0	<1.0	<2.0
<b>MW-1</b>	6/25/2013	<2.0	<2.0	<2.0	<4.0
<b>MW-2</b>	1/28/1999*	<b>490</b>	38	<5	<b>1,700</b>
<b>MW-2</b>	4/14/1999*	<b>230</b>	<5	<5	<b>671</b>
<b>MW-2</b>	10/14/1999	<b>55</b>	<0.5	2.6	196.5
<b>MW-2</b>	11/15/1999	<b>130</b>	<0.5	15	272
<b>MW-2</b>	3/20/2000	<b>140</b>	5.3	120	440*
<b>MW-2</b>	6/6/2000	<b>52</b>	<0.5	48	46
<b>MW-2</b>	2/13/2001	<b>124</b>	14.8	72.3	<b>681</b>
<b>MW-2</b>	5/9/2001	<b>35.4</b>	15.1	27	23
<b>MW-2</b>	11/2/2001	<b>150</b>	3.4	120	<b>1,200</b>
<b>MW-2</b>	9/24/2003	2.8	5.1	2.8	<5.0
<b>MW-2</b>	12/17/2003	2.5	5.9	<2.0	<5.0
<b>MW-2</b>	9/19/2004	<2.0	3.2	<2.0	<5.0
<b>MW-2</b>	12/4/2004	<2.0	2.4	<2.0	<5.0
<b>MW-2</b>	3/9/2005*	<b>23</b>	13	<10	<25
<b>MW-2</b>	9/17/2005	<2.0	<2.0	4.3	<5.0
<b>MW-2</b>	12/1/2005	<2.0	2.8	<2.0	<5.0
<b>MW-2</b>	3/20/2010	<1.0	<1.0	<1.0	<3.0

TABLE 2

**GROUNDWATER LABORATORY ANALYTICAL RESULTS**  
**JICARILLA CONTRACT 147-6**  
**RIO ARRIBA COUNTY, NEW MEXICO**

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		<b>5</b>	<b>1,000</b>	<b>700</b>	<b>620</b>
<b>MW-2</b>	6/22/2010	<1.0	<1.0	<1.0	<3.0
<b>MW-2</b>	9/16/2010	<1.0	<1.0	<1.0	4.8
<b>MW-2</b>	12/8/2010	<1.0	<1.0	<1.0	<3.0
<b>MW-2</b>	3/10/2011	<1.0	<1.0	<1.0	<3.0
<b>MW-2</b>	6/15/2011	<1.0	<1.0	<1.0	<3.0
<b>MW-2</b>	9/13/2011	<1.0	<1.0	<1.0	17.8
<b>MW-2</b>	1/6/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-2</b>	4/6/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-2</b>	6/12/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-2</b>	9/27/2012	<1.0	<1.0	<1.0	18.5
<b>MW-2</b>	12/7/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-2</b>	3/4/2013	NS	NS	NS	NS
<b>MW-2</b>	6/25/2013	<2.0	<2.0	8.1	19
<b>MW-3</b>	1/28/1999	<b>7,100</b>	<b>5,900</b>	260	<b>4,130</b>
<b>MW-3</b>	4/14/1999	<b>6,700</b>	<b>3,100</b>	220	<b>3,360</b>
<b>MW-3</b>	9/27/1999*	<b>5,800</b>	<b>2,800</b>	260	<b>3,560</b>
<b>MW-3</b>	11/15/1999*	<b>5,200</b>	<b>1,800</b>	200	<b>2,970</b>
<b>MW-3</b>	3/20/2000*	<b>3,900</b>	460	230	<b>1,710</b>
<b>MW-3</b>	6/7/2000*	<b>4,400</b>	64	190	<b>1,232</b>
<b>MW-3</b>	2/13/2001	<b>7,250</b>	<b>1,660</b>	305	<b>5,800</b>
<b>MW-3</b>	5/9/2001	<b>7,810</b>	<b>1,860</b>	531	<b>7,610</b>
<b>MW-3</b>	11/2/2001	<b>6,700</b>	<b>7,400</b>	420	<b>7,900</b>
<b>MW-3</b>	9/24/2003*	<b>5,800</b>	<b>7,300</b>	320	<b>5,700</b>
<b>MW-3</b>	12/17/2003	<b>4,900</b>	<b>5,300</b>	280	<b>5,200</b>
<b>MW-3</b>	9/19/2004*	<b>5,400</b>	<b>9,500</b>	310	<b>6,500</b>
<b>MW-3</b>	12/4/2004*	<b>5,700</b>	<b>11,000</b>	330	<b>7,100</b>
<b>MW-3</b>	3/9/2005*	<b>4,700</b>	<b>7,900</b>	280	<b>5,600</b>
<b>MW-3</b>	6/16/2005*	<b>6,100</b>	<b>9,800</b>	380	<b>6,600</b>
<b>MW-3</b>	9/17/2005	<b>4,500</b>	<b>10,000</b>	260	<b>5,900</b>
<b>MW-3</b>	12/1/2005*	<b>5,570</b>	<b>9,970</b>	324	<b>6,760</b>
<b>MW-3</b>	3/20/2010	<b>3,590</b>	<b>1,990</b>	252	<b>2,310</b>
<b>MW-3</b>	6/22/2010	<b>2,710</b>	<b>1,080</b>	191	<b>1,170</b>
<b>MW-3</b>	9/16/2010	<b>3,240</b>	<b>3,630</b>	219	<b>2,210</b>
<b>MW-3</b>	12/8/2010	<b>2,950</b>	<b>3,380</b>	229	<b>1,900</b>
<b>MW-3</b>	3/10/2011	<b>1,800</b>	729	122	<b>1,900</b>
<b>MW-3</b>	6/15/2011	<b>2,150</b>	<b>1,710</b>	124	<b>1,000</b>
<b>MW-3</b>	9/13/2011	<b>3,460</b>	<b>4,500</b>	330	<b>4,670</b>
<b>MW-3</b>	1/6/2012	<b>1,790</b>	<b>1,970</b>	144	<b>1,400</b>

TABLE 2

**GROUNDWATER LABORATORY ANALYTICAL RESULTS**  
**JICARILLA CONTRACT 147-6**  
**RIO ARRIBA COUNTY, NEW MEXICO**

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		5	1,000	700	620
<b>MW-3</b>	4/6/2012	<b>1,900</b>	127	<b>955</b>	<b>1,040</b>
<b>MW-3</b>	6/12/2012	<b>2,700</b>	203	<b>4,990</b>	<b>2,890</b>
<b>MW-3</b>	9/27/2012	<b>2,070</b>	194	<b>4,380</b>	<b>2,690</b>
<b>MW-3</b>	12/7/2012	<b>1,650</b>	145	<b>1,810</b>	<b>1,630</b>
<b>MW-3</b>	3/4/2013	<b>1,200</b>	720	88	<b>680</b>
<b>MW-3</b>	6/25/2013	<b>2,300</b>	<b>3,300</b>	250	<b>4,000</b>
<b>MW-3</b>	12/2/2013	<b>2,900</b>	<b>7,700</b>	350	<b>5,700</b>
<b>MW-3</b>	6/16/2014	<b>1,700</b>	<b>1,400</b>	120	<b>3,100</b>
<b>MW-3</b>	12/2/2014	<b>910</b>	600	110	<b>1,500</b>
<b>MW-3</b>	6/18/2015	<b>2,300</b>	<b>7,300</b>	300	<b>6,000</b>
<b>MW-3</b>	6/14/2016	<b>930</b>	820	130	<b>2,200</b>
<b>MW-3</b>	6/27/2017	<b>1,500</b>	<b>1,700</b>	280	<b>4,700</b>
<b>MW-3</b>	6/26/2018	<b>540</b>	<50	<50	<b>2,100</b>
<b>MW-3</b>	6/26/2019	<b>100</b>	13	15	310
<b>MW-3</b>	6/15/2020	<b>570</b>	110	200	<b>2,000</b>
<b>MW-4</b>	1/28/1999*	<b>1,500</b>	<b>10,000</b>	<b>810</b>	<b>9,300</b>
<b>MW-4</b>	4/14/1999*	<b>280</b>	30	5.0	500
<b>MW-4</b>	9/27/1999	<b>56</b>	<0.5	3.6	22
<b>MW-4</b>	11/15/1999	<b>120</b>	<0.5	8.1	41.5
<b>MW-4</b>	3/20/2000	<b>250</b>	<0.5	45	47
<b>MW-4</b>	6/7/2000	<b>270</b>	1.6	5.6	10.2
<b>MW-4</b>	2/13/2001	<b>353</b>	3.85	69.5	59.8
<b>MW-4</b>	5/9/2001	<b>684</b>	6.10	110	97.2
<b>MW-4</b>	11/2/2001	<b>480</b>	7.9	84	34
<b>MW-4</b>	9/24/2003	<b>190</b>	45	57	60
<b>MW-4</b>	12/17/2003	<b>200</b>	2.9	58	<5.0
<b>MW-4</b>	12/4/2004	<b>170</b>	<2.0	49	<5.0
<b>MW-4</b>	9/19/2004	<b>55</b>	<2.0	14	<5.0
<b>MW-4</b>	3/9/2005	<b>68</b>	<2.0	22	18
<b>MW-4</b>	6/16/2005	<b>130</b>	<2.0	40	<5.0
<b>MW-4</b>	9/17/2005	<b>100</b>	<2.0	38	55
<b>MW-4</b>	12/6/2005	<b>100</b>	<2.0	36.6	<5.0
<b>MW-4</b>	4/6/2012	NS	NS	NS	NS
<b>MW-4</b>	6/12/2012	NS	NS	NS	NS
<b>MW-4</b>	9/27/2012	NS	NS	NS	NS
<b>MW-4</b>	12/7/2012	NS	NS	NS	NS
<b>MW-4**</b>	3/4/2013	<2.0	<2.0	<2.0	<4.0
<b>MW-4**</b>	6/25/2013	DEST	DEST	DEST	DEST

TABLE 2

**GROUNDWATER LABORATORY ANALYTICAL RESULTS**  
**JICARILLA CONTRACT 147-6**  
**RIO ARRIBA COUNTY, NEW MEXICO**

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		5	1,000	700	620
<b>MW-5</b>	1/28/1999*	<b>1,600</b>	<b>10,000</b>	<b>820</b>	<b>9,500</b>
<b>MW-5</b>	4/14/1999*	<b>310</b>	<b>26</b>	<b>3.6</b>	<b>479</b>
<b>MW-5</b>	9/27/1999	<0.5	<0.5	1.5	2.0
<b>MW-5</b>	11/15/1999*	<2.5	6	39.0	<3.0
<b>MW-5</b>	3/20/2000	<b>5.1</b>	<0.5	210.0	8.0
<b>MW-5</b>	6/7/2000	1.5	<0.5	3.3	2.9
<b>MW-5</b>	2/13/2001	3.49	<1	222	31.5
<b>MW-5</b>	5/9/2001	4.68	20.8	244	28.7
<b>MW-5</b>	11/2/2001	2.8	<2.0	200	13
<b>MW-5</b>	3/4/2013	DEST	DEST	DEST	DEST
<b>MW-6</b>	9/27/1999*	<b>16,000</b>	460	280	<b>1,299</b>
<b>MW-6</b>	11/15/1999*	<b>20,000</b>	940	330	<b>1,640</b>
<b>MW-6</b>	3/20/2000*	<b>18,000</b>	630	380	<b>1,530</b>
<b>MW-6</b>	6/7/2000*	<b>19,000</b>	820	370	<b>1,960</b>
<b>MW-6</b>	2/13/2001	<b>22,300</b>	60	358	<b>1,560</b>
<b>MW-6</b>	5/9/2001	<b>33,900</b>	<b>2,310</b>	577	<b>3,820</b>
<b>MW-6</b>	11/2/2001	<b>31,000</b>	<b>2,200</b>	<b>730</b>	<b>4,500</b>
<b>MW-6</b>	9/24/2003*	<b>18,000</b>	<b>1,200</b>	370	<b>2,000</b>
<b>MW-6</b>	12/17/2003*	<b>21,000</b>	<400	500	<b>2,200</b>
<b>MW-6</b>	12/4/2004*	<b>16,000</b>	120	360	<b>1,800</b>
<b>MW-6</b>	9/19/2004*	<b>18,000</b>	<b>1,900</b>	380	<b>2,300</b>
<b>MW-6</b>	3/9/2005*	<b>19,000</b>	810	410	<b>2,100</b>
<b>MW-6</b>	6/16/2005*	<b>24,000</b>	<400	620	<b>2,500</b>
<b>MW-6</b>	9/17/2005	<b>15,000</b>	370	380	<b>1,400</b>
<b>MW-6</b>	12/1/2005*	<b>15,600</b>	957	460	<b>2,580</b>
<b>MW-6</b>	3/20/2010	<b>19,400</b>	<b>10,900</b>	570	<b>3,330</b>
<b>MW-6</b>	6/22/2010	<b>13,500</b>	<100	411	<b>16,740</b>
<b>MW-6</b>	9/16/2010	<b>10,200</b>	<b>2,190</b>	280	<b>1,410</b>
<b>MW-6</b>	12/8/2010	<b>10,000</b>	495	380	<b>1,510</b>
<b>MW-6</b>	3/10/2011	<b>13,000</b>	<b>4,260</b>	380	<b>1,740</b>
<b>MW-6</b>	6/15/2011	<b>14,400</b>	518	364	<b>1,450</b>
<b>MW-6</b>	9/13/2011	<b>12,300</b>	<b>2,570</b>	498	<b>2,730</b>
<b>MW-6</b>	1/6/2012	<b>11,600</b>	730	339	<b>1,660</b>
<b>MW-6</b>	4/6/2012	<b>13,800</b>	333	<b>3,070</b>	<b>1,590</b>
<b>MW-6</b>	6/12/2012	<b>13,000</b>	406	<b>1,010</b>	<b>1,560</b>
<b>MW-6</b>	9/27/2012	<b>10,300</b>	360	<b>3,430</b>	<b>2,070</b>
<b>MW-6</b>	12/7/2012	<b>10,200</b>	315	<b>1,540</b>	<b>1,760</b>
<b>MW-6</b>	3/4/2013	<b>7,900</b>	180	5.4	300

TABLE 2

**GROUNDWATER LABORATORY ANALYTICAL RESULTS**  
**JICARILLA CONTRACT 147-6**  
**RIO ARRIBA COUNTY, NEW MEXICO**

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		<b>5</b>	<b>1,000</b>	<b>700</b>	<b>620</b>
<b>MW-6</b>	6/25/2013	<b>10,000</b>	270	340	<b>920</b>
<b>MW-6</b>	12/2/2013	<b>8,400</b>	250	250	<b>930</b>
<b>MW-6</b>	6/16/2014	<b>9,300</b>	<100	270	350
<b>MW-6</b>	12/2/2014	<b>6,600</b>	120	210	<b>700</b>
<b>MW-6</b>	6/18/2015	<b>5,600</b>	<10	<10	120
<b>MW-6</b>	12/18/2015	NS	NS	NS	NS
<b>MW-6</b>	6/14/2016	<b>5,200</b>	<50	170	200
<b>MW-6</b>	6/27/2017	<b>4,400</b>	<5.0	140	130
<b>MW-6</b>	6/26/2018	<b>4,900</b>	<5.0	180	240
<b>MW-6</b>	6/26/2019	<b>4,300</b>	<5.0	150	280
<b>MW-6</b>	6/15/2020	<b>3,800</b>	<5.0	150	230
<b>MW-7</b>	10/14/1999	<b>30</b>	120	8.9	165
<b>MW-7</b>	11/15/1999	0.5	1.3	0.5	4.6
<b>MW-7</b>	3/20/2000	<b>5.5</b>	0.8	0.9	4.7
<b>MW-7</b>	6/7/2000	<0.5	<0.5	<0.5	<1.5
<b>MW-7</b>	2/13/2001	<1	<1	<1	<1
<b>MW-7</b>	5/9/2001	4.00	<1	<1	<1
<b>MW-7</b>	11/2/2001	<b>16</b>	<2.0	<2.0	2
<b>MW-7</b>	4/6/2012	NS	NS	NS	NS
<b>MW-7</b>	6/12/2012	NS	NS	NS	NS
<b>MW-7</b>	9/27/2012	NS	NS	NS	NS
<b>MW-7</b>	12/7/2012	NS	NS	NS	NS
<b>MW-7</b>	3/4/2013	DEST	DEST	DEST	DEST
<b>MW-8</b>	3/20/2000*	<b>2,400</b>	<b>2,300</b>	55.0	540
<b>MW-8</b>	6/7/2000*	<b>1,100</b>	130	27.0	106.7
<b>MW-8</b>	2/13/2001	<b>613</b>	16.2	13.0	12.4
<b>MW-8</b>	5/9/2001	<b>182</b>	3.65	6.98	2.41
<b>MW-8</b>	11/2/2001	<b>370</b>	<2.0	8.9	2.0
<b>MW-8</b>	9/24/2003	<b>78</b>	2.2	4.2	<5.0
<b>MW-8</b>	12/17/2003	<b>55</b>	<2.0	3.2	<5.0
<b>MW-8</b>	12/4/2004	<b>19</b>	<2.0	<2.0	<5.0
<b>MW-8</b>	9/19/2004	<b>81</b>	<2.0	2.8	<5.0
<b>MW-8</b>	3/9/2005	<b>210*</b>	4.6	5.2	8.6
<b>MW-8</b>	6/16/2005	<b>43</b>	<2.0	<2.0	<5.0
<b>MW-8</b>	9/17/2005	<b>38</b>	<2.0	<2.0	<5.0
<b>MW-8</b>	12/1/2005	<b>23</b>	<2.0	<2.0	<5.0
<b>MW-8</b>	3/20/2010	<b>6.3</b>	<1.0	<1.0	<3.0

TABLE 2

**GROUNDWATER LABORATORY ANALYTICAL RESULTS**  
**JICARILLA CONTRACT 147-6**  
**RIO ARRIBA COUNTY, NEW MEXICO**

Well Name	Sample Date	Benzene ( $\mu\text{g/L}$ )	Toluene ( $\mu\text{g/L}$ )	Ethylbenzene ( $\mu\text{g/L}$ )	Total Xylenes ( $\mu\text{g/L}$ )
NMWQCC Standard ( $\mu\text{g/L}$ )		<b>5</b>	<b>1,000</b>	<b>700</b>	<b>620</b>
<b>MW-8</b>	6/22/2010	3.0	<1.0	<1.0	<3.0
<b>MW-8</b>	9/16/2010	<b>22.9</b>	<1.0	<1.0	<3.0
<b>MW-8</b>	12/8/2010	<1.0	<1.0	<1.0	<3.0
<b>MW-8</b>	3/10/2011	2	<1.0	<1.0	<3.0
<b>MW-8</b>	6/15/2011	4.1	<1.0	<1.0	<3.0
<b>MW-8</b>	9/13/2011	1.9	<1.0	<1.0	<3.0
<b>MW-8</b>	1/6/2012	2.4	<1.0	<1.0	<3.0
<b>MW-8</b>	4/6/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-8</b>	6/12/2012	2.5	<1.0	<1.0	<3.0
<b>MW-8</b>	9/27/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-8</b>	12/7/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-8</b>	3/4/2013	<1.0	<1.0	<1.0	<2.0
<b>MW-9</b>	3/20/2000	<0.5	1.4	<0.5	1.5
<b>MW-9</b>	6/7/2000	<0.5	<0.5	<0.5	<1.5
<b>MW-9</b>	2/13/2001	<1.0	<1.0	<1.0	<1.0
<b>MW-9</b>	5/9/2001	<1.0	<1.0	<1.0	<1.0
<b>MW-9</b>	11/2/2001	<b>150</b>	<2.0	<2.0	<2.0
<b>MW-9</b>	9/24/2003	<b>86</b>	<2.0	<2.0	<5.0
<b>MW-9</b>	12/17/2003	<b>69</b>	<2.0	<2.0	<5.0
<b>MW-9</b>	12/4/2004	<b>5.2</b>	<2.0	<2.0	<5.0
<b>MW-9</b>	9/19/2004	<b>45</b>	<2.0	<2.0	<5.0
<b>MW-9</b>	3/9/2005	3.8	<2.0	<2.0	<5.0
<b>MW-9</b>	6/16/2005	<2.0	<2.0	<2.0	<5.0
<b>MW-9</b>	9/17/2005	<2.0	<2.0	<2.0	<5.0
<b>MW-9</b>	12/1/2005	<2.0	<2.0	<2.0	<5.0
<b>MW-9</b>	3/20/2010	<1.0	<1.0	<1.0	<3.0
<b>MW-9</b>	6/22/2010	<1.0	<1.0	<3.0	<3.0
<b>MW-9</b>	9/16/2010	<b>8.6</b>	<1.0	<1.0	<3.0
<b>MW-9</b>	12/8/2010	<b>7.8</b>	<1.0	<1.0	<3.0
<b>MW-9</b>	3/10/2011	<1.0	<1.0	<1.0	<3.0
<b>MW-9</b>	6/15/2011	<1.0	<1.0	<1.0	<3.0
<b>MW-9</b>	9/13/2011	<1.0	<1.0	<1.0	<3.0
<b>MW-9</b>	1/6/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-9</b>	4/6/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-9</b>	6/12/2012	<1.0	2.1	<1.0	<3.0
<b>MW-9</b>	9/27/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-9</b>	12/7/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-9</b>	3/4/2013	<2.0	<2.0	<2.0	<4.0

TABLE 2

**GROUNDWATER LABORATORY ANALYTICAL RESULTS**  
**JICARILLA CONTRACT 147-6**  
**RIO ARRIBA COUNTY, NEW MEXICO**

Well Name	Sample Date	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethylbenzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )
<b>NMWQCC Standard (<math>\mu\text{g}/\text{L}</math>)</b>		<b>5</b>	<b>1,000</b>	<b>700</b>	<b>620</b>
<b>MW-9</b>	6/25/2013	<2.0	<2.0	<2.0	<4.0
<b>MW-9</b>	6/27/2017	<1.0	<1.0	<1.0	<1.5
<b>MW-9</b>	6/26/2018	<1.0	<1.0	<1.0	<1.5
<b>MW-9</b>	6/26/2019	<1.0	<1.0	<1.0	<2.0
<b>MW-9</b>	6/15/2020	<1.0	<1.0	<1.0	<2.0
<b>MW-10</b>	3/20/2000	0.8	2.9	<0.5	1.5
<b>MW-10</b>	6/7/2000	<0.5	<0.5	<0.5	<1.5
<b>MW-10</b>	2/13/2001	<1.0	<1.0	1.5	<1.0
<b>MW-10</b>	5/9/2001	<1.0	<1.0	<1.0	<1.0
<b>MW-10</b>	11/2/2001	<1.0	<2.0	<2.0	<2.0
<b>MW-10</b>	4/6/2012	NS	NS	NS	NS
<b>MW-10</b>	6/12/2012	NS	NS	NS	NS
<b>MW-10</b>	9/27/2012	NS	NS	NS	NS
<b>MW-10</b>	12/7/2012	<1.0	<1.0	<1.0	<3.0
<b>MW-10</b>	3/4/2013	NS	NS	NS	NS
<b>MW-10</b>	6/25/2013	<2.0	<2.0	<2.0	<4.0
<b>MW-11</b>	12/2/2013	<1.0	6.5	2.7	39
<b>MW-11</b>	6/27/2017	<1.0	<1.0	<1.0	<1.5
<b>MW-11</b>	12/1/2017	<1.0	<1.0	<1.0	<2.0
<b>MW-11</b>	6/26/2018	<1.0	<1.0	<1.0	<1.5
<b>MW-11</b>	6/26/2019	<1.0	<1.0	<1.0	<2.0
<b>MW-11</b>	6/15/2020	<1.0	<1.0	<1.0	<2.0
<b>MW-12</b>	12/2/2013	<b>12</b>	<1.0	74	<2.0
<b>MW-12</b>	6/16/2014	3.0	<1.0	42	<2.0
<b>MW-12</b>	12/2/2014	2.7	<1.0	29	<2.0
<b>MW-12</b>	6/18/2015	<b>6.5</b>	<1.0	36	<1.5
<b>MW-12</b>	9/25/2015	<1.0	<1.0	16	<1.5
<b>MW-12</b>	12/18/2015	<b>11</b>	<1.0	56	<2.0
<b>MW-12</b>	6/14/2016	<b>5.2</b>	<1.0	28	<2.0
<b>MW-12</b>	6/27/2017	1.6	<1.0	22	<1.5
<b>MW-12</b>	12/1/2017	2.1	<1.0	25	<2.0
<b>MW-12</b>	6/26/2018	<1.0	<1.0	4.7	<1.5
<b>MW-12</b>	6/26/2019	2.5	<1.0	3.6	<2.0
<b>MW-12</b>	6/15/2020	DEST	DEST	DEST	DEST

TABLE 2

**GROUNDWATER LABORATORY ANALYTICAL RESULTS**  
**JICARILLA CONTRACT 147-6**  
**RIO ARRIBA COUNTY, NEW MEXICO**

Well Name	Sample Date	Benzene ( $\mu\text{g}/\text{L}$ )	Toluene ( $\mu\text{g}/\text{L}$ )	Ethylbenzene ( $\mu\text{g}/\text{L}$ )	Total Xylenes ( $\mu\text{g}/\text{L}$ )
<b>NMWQCC Standard (<math>\mu\text{g}/\text{L}</math>)</b>		<b>5</b>	<b>1,000</b>	<b>700</b>	<b>620</b>
<b>MW-13</b>	12/1/2017	<2.0	<2.0	<2.0	<4.0
<b>MW-13</b>	6/26/2019	NS-Dry	NS-Dry	NS-Dry	NS-Dry
<b>MW-13</b>	6/15/2020	NS-Dry	NS-Dry	NS-Dry	NS-Dry
<hr/>					
<b>MW-14</b>	12/1/2017	<2.0	<2.0	<2.0	<4.0
<b>MW-14</b>	6/26/2018	<b>8.1</b>	<1.0	<1.0	47
<b>MW-14</b>	6/26/2019	<b>13</b>	<1.0	<1.0	25
<b>MW-14</b>	6/15/2020	NS	NS	NS	NS

**Notes:**

DEST - monitoring well is destroyed

 $\mu\text{g}/\text{L}$  - micrograms per liter

NMWQCC - New Mexico Water Quality Control Commission

NS - not sampled

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

\* - indicates sample was diluted

\*\* Sample identified as MW-4 on laboratory reports was later determined to be an unknown well and MW-4 was determined to be destroyed

**Bold** - indicates sample exceeds NMWQCC standard

## ENCLOSURE A – GROUNDWATER SAMPLING FORMS

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



*LT Environmental, Inc.*  
848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Project Name: Groundwater Monitoring  
Project Number:

Project Location: Jicarilla 147-6  
Sampler: Eric Carroll

Sample ID: MW-3  
Sample Date: 6/15/2020  
Laboratory: Hall Environmental  
Analyses: BTEX 8021

Matrix: Groundwater  
Sample Time: 1255  
Shipping Method: Hand Delivery

Depth to Water: 21-60  
Time: 1240

Total Depth of Well: 24.45  
Depth to Product:

Vol. of Water to Purge: 1.3 (height of water column \* 0.1631 for 2" well or 0.6524 for 4" well) \* 3 well vols

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

Method of Purging: Dedicated PVC Bailer

Comments: Dry @ 1.0 gallon

#### **Describe Deviations from SOP:**

**Signature:** *Evin Corzad*

Date: 6/15/20

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



*LT Environmental, Inc.*

*848 E. 2nd Avenue*

Durango, Colorado 81301

T 970.385.1096

Project Name: Groundwater Monitoring  
Project Number:

Project Location: Jicarilla 147-6  
Sampler: Eric Carroll

Sample ID: MW-6  
Sample Date: 6/15/2020  
Laboratory: Hall Environmental  
Analyses: BTEX 8021

Matrix: Groundwater  
Sample Time: 140C  
Shipping Method: Hand Delivery

Depth to Water: 26.29  
Time: 1345

Total Depth of Well: 31.20  
Depth to Product:

Vol. of Water to Purge: 2.5 (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 Purging: Dedicated PVC Bailer

### Method of Sampling: Dedicated PVC Bailer

**Comments:** Dry @ 2.75 gal

**Describe Deviations from SOP:**

**Signature:** Elli Carroll

Date: 6/15/20

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



**LT Environmental, Inc.**  
848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Project Name: Groundwater Monitoring  
Project Number:

Project Location: Jicarilla 147-6  
Sampler: Eric Carroll

Sample ID: MW-9  
Sample Date: 6/15/2020  
Laboratory: Hall Environmental  
Analyses: BTEX 8021

Matrix: Groundwater  
Sample Time: 1320  
Shipping Method: Hand Delivery

Depth to Water: 28.78  
Time: 1310

Total Depth of Well: 3207  
Depth to Product:

Vol. of Water to Purge: 16 (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

**Comments:** no Sheep / dogs

**Describe Deviations from SOP:**

**Signature:** Eric Carroll

Date: 6/05/20

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



*LT Environmental, Inc.*  
848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Project Name: Groundwater Monitoring  
Project Number:

Project Location: Jicarilla 147-6  
Sampler: Eric Carroll

Sample ID: MW-11  
Sample Date: 6/15/2020  
Laboratory: Hall Environmental  
Analyses: BTEX 8021

Matrix: Groundwater  
Sample Time: 1226  
Shipping Method: Hand Delivery

Depth to Water: 24.69  
Time: 1220

Total Depth of Well: 35.06  
Depth to Product: —

Vol. of Water to Purge: 5 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

**Comments:** no Sheen order

**Describe Deviations from SOP:**

**Signature:** *Suzanne*

Date: 6/15/20

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



**LT Environmental, Inc.**  
848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Project Name: Groundwater Monitoring  
Project Number:

Project Location: Jicarilla 147-6  
Sampler: Eric Carroll

Sample ID: MW-12  
Sample Date: 6/15/2020  
Laboratory: Hall Environmental  
Analyses: BTEX 8021

Matrix: Groundwater  
Sample Time: \_\_\_\_\_  
Shipping Method: Hand Delivery

Depth to Water: Destroyed  
Time:

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

Vol. of Water to Purge: \_\_\_\_\_ (height of water column \* 0.163 l for 2" well or 0.6524 for 4" well) \* 3 well vols

(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**

**Comments:** Well missing bank of wash is eroded

**Describe Deviations from SOP:**

**Signature:** *John C. Ward*

Date: 6/15/26

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



*LT Environmental, Inc.*  
848 E. 2nd Avenue  
Durango, Colorado 81301  
T 970.385.1096

Project Name: Groundwater Monitoring  
Project Number:

Project Location: Jicarilla 147-6  
Sampler: Eric Carroll

Sample ID: MW-14  
Sample Date: 6/15/2020  
Laboratory: Hall Environmental  
Analyses: BTEX 8021

Matrix: Groundwater  
Sample Time: 1337  
Shipping Method: Hand Delivery

Depth to Water: 23.25  
Time: 1330

Total Depth of Well: 27.90  
Depth to Product:

Vol. of Water to Purge: 2.2 (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

Comments: Dry @ 1.5 gallons  
No sample collected no recharge in well after 1.5  
hours of purging

**Describe Deviations from SOP:** No well re-charge no sample collected

Signature: Wm. J. Woods Date: 6/15/20

## ENCLOSURE B – LABORATORY ANALYTICAL REPORT



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)

June 18, 2020

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

RE: Jicarilla 147-6

OrderNo.: 2006783

Dear Brooke Herb:

Hall Environmental Analysis Laboratory received 4 sample(s) on 6/16/2020 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".

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Hall Environmental Analysis Laboratory, Inc.****Analytical Report**

Lab Order 2006783

Date Reported: 6/18/2020

**CLIENT:** Harvest**Client Sample ID:** MW-6**Project:** Jicarilla 147-6**Collection Date:** 6/15/2020 2:00:00 PM**Lab ID:** 2006783-001**Matrix:** GROUNDWA**Received Date:** 6/16/2020 8:00:00 AM

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>	<b>Batch</b>
<b>EPA METHOD 8021B: VOLATILES</b>							
Benzene	3800	50	P	µg/L	50	6/17/2020 9:22:26 AM	B69710
Toluene	ND	5.0	P	µg/L	5	6/17/2020 9:45:57 AM	B69710
Ethylbenzene	150	5.0	P	µg/L	5	6/17/2020 9:45:57 AM	B69710
Xylenes, Total	230	10	P	µg/L	5	6/17/2020 9:45:57 AM	B69710
Surr: 4-Bromofluorobenzene	112	80-120	P	%Rec	5	6/17/2020 9:45:57 AM	B69710

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

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
 D Sample Diluted Due to Matrix  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Reporting Limit  
 PQL Practical 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

Page 1 of 5

**Hall Environmental Analysis Laboratory, Inc.****Analytical Report**

Lab Order 2006783

Date Reported: 6/18/2020

**CLIENT:** Harvest**Client Sample ID:** MW-11**Project:** Jicarilla 147-6**Collection Date:** 6/15/2020 12:26:00 PM**Lab ID:** 2006783-002**Matrix:** GROUNDWA**Received Date:** 6/16/2020 8:00:00 AM

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>	<b>Batch</b>
<b>EPA METHOD 8021B: VOLATILES</b>							
Benzene	ND	1.0		µg/L	1	6/17/2020 10:56:52 AM	B69710
Toluene	ND	1.0		µg/L	1	6/17/2020 10:56:52 AM	B69710
Ethylbenzene	ND	1.0		µg/L	1	6/17/2020 10:56:52 AM	B69710
Xylenes, Total	ND	2.0		µg/L	1	6/17/2020 10:56:52 AM	B69710
Surr: 4-Bromofluorobenzene	105	80-120		%Rec	1	6/17/2020 10:56:52 AM	B69710

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

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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

Page 2 of 5

**Hall Environmental Analysis Laboratory, Inc.****Analytical Report**

Lab Order 2006783

Date Reported: 6/18/2020

**CLIENT:** Harvest**Client Sample ID:** MW-3**Project:** Jicarilla 147-6**Collection Date:** 6/15/2020 12:55:00 PM**Lab ID:** 2006783-003**Matrix:** GROUNDWA**Received Date:** 6/16/2020 8:00:00 AM

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>	<b>Batch</b>
<b>EPA METHOD 8021B: VOLATILES</b>							
Benzene	570	50	P	µg/L	50	6/17/2020 2:29:56 PM	B69710
Toluene	110	5.0	P	µg/L	5	6/17/2020 11:20:28 AM	B69710
Ethylbenzene	200	5.0	P	µg/L	5	6/17/2020 11:20:28 AM	B69710
Xylenes, Total	2000	100	P	µg/L	50	6/17/2020 2:29:56 PM	B69710
Surr: 4-Bromofluorobenzene	119	80-120	P	%Rec	5	6/17/2020 11:20:28 AM	B69710

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

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
 D Sample Diluted Due to Matrix  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Reporting Limit  
 PQL Practical 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

Page 3 of 5

**Hall Environmental Analysis Laboratory, Inc.****Analytical Report**

Lab Order 2006783

Date Reported: 6/18/2020

**CLIENT:** Harvest**Client Sample ID:** MW-9**Project:** Jicarilla 147-6**Collection Date:** 6/15/2020 1:20:00 PM**Lab ID:** 2006783-004**Matrix:** GROUNDWA**Received Date:** 6/16/2020 8:00:00 AM

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>	<b>Batch</b>
<b>EPA METHOD 8021B: VOLATILES</b>							
Benzene	ND	1.0		µg/L	1	6/17/2020 11:44:27 AM	B69710
Toluene	ND	1.0		µg/L	1	6/17/2020 11:44:27 AM	B69710
Ethylbenzene	ND	1.0		µg/L	1	6/17/2020 11:44:27 AM	B69710
Xylenes, Total	ND	2.0		µg/L	1	6/17/2020 11:44:27 AM	B69710
Surr: 4-Bromofluorobenzene	106	80-120		%Rec	1	6/17/2020 11:44:27 AM	B69710

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

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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

Page 4 of 5

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

WO#: 2006783

18-Jun-20

**Client:** Harvest  
**Project:** Jicarilla 147-6

Sample ID: <b>mb1</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBW</b>	Batch ID: <b>B69710</b>	RunNo: <b>69710</b>								
Prep Date:	Analysis Date: <b>6/17/2020</b>	SeqNo: <b>2420057</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	2.0								
Surr: 4-Bromofluorobenzene	21		20.00			103	80	120		

Sample ID: <b>100ng btex lcs</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>B69710</b>	RunNo: <b>69710</b>								
Prep Date:	Analysis Date: <b>6/17/2020</b>	SeqNo: <b>2420058</b> Units: <b>µg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	17	1.0	20.00	0	83.9	80	120			
Toluene	17	1.0	20.00	0	85.2	80	120			
Ethylbenzene	17	1.0	20.00	0	83.5	80	120			
Xylenes, Total	51	2.0	60.00	0	84.7	80	120			
Surr: 4-Bromofluorobenzene	21		20.00			105	80	120		

Sample ID: <b>2006783-001ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>MW-6</b>	Batch ID: <b>B69710</b>	RunNo: <b>69710</b>								
Prep Date:	Analysis Date: <b>6/17/2020</b>	SeqNo: <b>2420061</b> Units: <b>µg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	4000	5.0	100.0	3532	434	80	120			ES
Toluene	100	5.0	100.0	0	101	80	120			
Ethylbenzene	280	5.0	100.0	152.6	128	80	120			S
Xylenes, Total	570	10	300.0	234.1	111	68.3	130			
Surr: 4-Bromofluorobenzene	120		100.0			115	80	120		

Sample ID: <b>2006783-001amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>MW-6</b>	Batch ID: <b>B69710</b>	RunNo: <b>69710</b>								
Prep Date:	Analysis Date: <b>6/17/2020</b>	SeqNo: <b>2420062</b> Units: <b>µg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	4000	5.0	100.0	3532	430	80	120	0.101	20	ES
Toluene	100	5.0	100.0	0	102	80	120	0.433	20	
Ethylbenzene	280	5.0	100.0	152.6	129	80	120	0.0996	20	S
Xylenes, Total	570	10	300.0	234.1	110	68.3	130	0.120	20	
Surr: 4-Bromofluorobenzene	120		100.0			116	80	120	0	0

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

## Sample Log-In Check List

Client Name: Harvest

Work Order Number: 2006783

RcptNo: 1

Received By: Isaiah Ortiz 6/16/2020 8:00:00 AM

*I-OK*

Completed By: Isaiah Ortiz 6/16/2020 8:08:24 AM

*I-OK*

Reviewed By: SW 6/16/20

### Chain of Custody

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

### Log In

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

# of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: JR 6/16/20

### Special Handling (if applicable)

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

Person Notified:	Date:
By Whom:	Via: <input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	
Client Instructions:	

16. Additional remarks:

### 17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.4	Good	Yes			

**Chain-of-Custody Record**

Client:	Harvest Four Corners Kidina Home			<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	Turn-Around Time:			
Mailing Address:	1755 Arroyo Dr. Bloomfield, NM			Project Name:	www.hallenvironmental.com			
Phone #:				Project #: <i>Tijerilla 147-6</i>	4901 Hawkins NE - Albuquerque, NM 87109			
email or Fax#:	Khosrokhast.m@comcast.net			QA/QC Package:	<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)			
Accreditation:	<input type="checkbox"/> NELAC <input type="checkbox"/> Other			EDD (Type)	Sampler: <i>E. Carroll</i>	On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	# of Coolers: <i>/</i>	Cooler Temp (including CF): <i>3.4° -0.5°C (3.4° C)</i>
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.		
1/15	1400	C-W	MW-6			-001	<i>X</i>	
	1226	1	MW-11			-002	<i>X</i>	
	1255		MW-3			-003	<i>X</i>	
	1320		MW-9			-004	<i>X</i>	
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time	Remarks:	
1/15	<i>1810</i>	<i>Khosrokhast</i>	<i>Mont Hale</i>	<i>Mont Hale</i>	<i>4/5/2020</i>	<i>1625</i>	<i>Please CC: ecarroll@itemv.com</i>	
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time		
1/15	<i>1810</i>	<i>Khosrokhast</i>	<i>Mont Hale</i>	<i>Mont Hale</i>	<i>4/5/2020</i>	<i>1625</i>		

**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 56171

**CONDITIONS**

Operator:  Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID:  373888
	Action Number:  56171
	Action Type:  [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

**CONDITIONS**

Created By	Condition	Condition Date
nvelez	1. Continue with monitoring plan as stated within 2020 Annual Groundwater Report 2. Submit annual report no later than March 31, 2022	1/3/2022