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First Quarter 2022 Groundwater Monitoring Summary Report

Hobbs Booster Station
Lea County, New Mexico
AP-114

Prepared for:

dcp Midstream

6900 E. Layton Ave., Suite 900
Denver, CO 80237-3658

Prepared by:

TASMAN

6855 W. 119th Avenue
Broomfield, Colorado 80020

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1. Introduction

This report summarizes the remediation system activities, results of groundwater monitoring activities at the Hobbs Booster Station (Site) in Lea County, New Mexico (Figure 1). Tasman Geosciences (Tasman) performed these activities on behalf of DCP Midstream, LP (DCP). The groundwater monitoring activities described herein were conducted to monitor the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons, measure groundwater levels, obtain groundwater samples for laboratory analysis, and evaluate groundwater flow and quality conditions. Field data and laboratory analytical results from field efforts, conducted on March 21 and 22, 2022, were used to develop a groundwater elevation contour map and an analytical results map to evaluate current conditions at the Site.

2. Site Location and Background

The Site is located in New Mexico Oil Conservation Division (OCD) designated Units C and D, Section 4, Township 19 South, Range 38 East (Figure 1). The facility coordinates are approximately 32.414 degrees north and 103.092 degrees west. This facility is no longer used as an active gas compression facility; currently the Site is primarily used as a DCP field office. All ancillary equipment and buildings associated with the former Booster Station have been decommissioned and/or demolished.

The Site groundwater monitoring wells are illustrated on Figure 2. However, monitoring well TW-Q has not been located since June 2014, and monitoring well TW-T has not been located since September 2016, and both wells are presumed destroyed. TW-K and TW-N, which were previously presumed destroyed, were located in the third quarter 2018 and first quarter 2022, respectively. Twenty-eight of the existing monitoring wells are located on the Site property while three wells (MW-23, MW-24, and MW-25) are located to the southeast of the property boundary on land currently owned by Occidental Permian.

An LNAPL recovery system and a soil vapor extraction (SVE) system are present at the Site. There are 28 extraction wells (Figure 2) located on-Site including MW-4, MW-8, MW-11, and MW-13 which were previously converted from monitoring wells due to historically high levels of LNAPL. Additionally, the Site operates a groundwater air sparge (AS) curtain that was installed along the south-central Site boundary and includes 21 AS injection wells connected in series (Figure 2). LNAPL, AS, and SVE system operation and performance are further described in Section 4.

3. Groundwater Monitoring

This section describes the field groundwater monitoring activities performed during the first quarter 2022 monitoring event on March 21 and 22, 2022. Monitoring activities included Site-wide groundwater gauging, LNAPL measurements, groundwater purging and sampling, and subsequent packaging and shipping of the samples for laboratory analysis. Figure 2 illustrates the groundwater monitoring network utilized to perform these activities at the Site.

3.1 Groundwater and LNAPL Elevation Monitoring

Groundwater and LNAPL levels were measured to evaluate hydraulic characteristics and provide information regarding fluctuations in groundwater and LNAPL elevations at the Site. During the first

quarter 2022 monitoring event, groundwater and LNAPL levels, where present, were measured at 32 monitoring well locations. Groundwater and/or LNAPL levels were unable to be collected from monitoring wells, TW-Q and TW-T, as these wells were unable to be located and/or are presumed destroyed. In addition, MW-12 was not gauged due to the presence of an active Spill Buster pump in the well. The passive LNAPL bailers were temporarily removed at monitoring wells MW-10 and MW-17 for gauging.

Monitoring wells were gauged on the north side of the well casing to the nearest 0.01-foot using an oil-water interface probe (IP). Groundwater levels were subsequently converted to elevations (feet above mean sea level [AMSL]).

Groundwater and LNAPL elevations collected during the reporting period as well as historical elevations are presented in Table 1. A first quarter 2022 groundwater elevation map, included as Figure 3, indicates that groundwater flow at the Site generally trends to the east. Groundwater elevation ranges, the average elevation change from the previous monitoring event, and the calculated hydraulic gradient at the Site are summarized in the table below.

Summary of Measured Hydraulic Parameters

	First Quarter 2022 (3/21 & 3/22/2022)
Maximum Elevation (Well ID)	3,572.16’ (MW-6)
Minimum Elevation (Well ID)	3,562.28’ (MW-28)
Average Change from Previous Monitoring Event – All Wells	-0.24 feet
Hydraulic Gradient (ft/ft) / (Well IDs)	0.0049 (MW-6 to MW-28)

LNAPL was detected in nine (9) of the monitoring wells that were gauged during the first quarter 2022 with thicknesses ranging between 0.03 feet in TW-N, to 4.67 feet in MW-9. Groundwater was not detected in wells MW-7, MW-22, and TW-V. The calculated groundwater elevation data from monitoring wells that contained both product and groundwater were corrected to account for the LNAPL thickness.

3.2 Groundwater Quality Monitoring

Subsequent to recording groundwater level measurements, groundwater samples were collected from select monitoring wells that did not contain measurable LNAPL. A minimum of three well casing volumes of groundwater (calculated from total depth of the well and groundwater level measurements) were purged from each well prior to the collection of groundwater samples. Groundwater samples were collected using disposable polyethylene bailers, placed in clean laboratory supplied containers, packed in an ice-filled cooler and maintained at approximately four (4) degrees Celsius (°C) for transportation to the laboratory. Groundwater samples were shipped under chain-of-custody procedures to Pace Analytical laboratory (Pace) in Mount Juliet, Tennessee for analysis. Water quality samples were submitted to Pace for benzene, toluene, ethylbenzene, and total xylenes (BTEX) analyses by United States Environmental Protection Agency (USEPA) Method 8260B.

First quarter 2022 water quality samples were collected from 14 monitoring wells on March 22, 2022. Two duplicates and a trip blank were also analyzed.

Table 2 summarizes BTEX concentrations in groundwater samples collected during the first quarter 2022. Analytical results are also displayed on Figure 4. Historical analytical results, up to and including the first quarter 2022 event, are included in Appendix A, and the laboratory analytical report is included in Appendix B.

Analytical results indicate that BTEX concentrations were below the New Mexico Water Quality Control Commission (NMWQCC) standard in 12 of the 14 sampled wells. Benzene concentrations in MW-19D (0.386 mg/L in parent and 0.455 mg/L in Duplicate), and MW-26 (0.173 mg/L) were above the NMWQCC groundwater standard of 0.005 mg/L.

3.3 Data Quality Assurance/ Quality Control

A trip blank and two field duplicate samples (MW-14 and MW-19D) were collected during the sampling event. The data were reviewed for compliance with the analytical method and the associated quality assurance/quality control (QA/QC) procedures. All samples were analyzed using the correct analytical methods and within the correct holding times. Chain of custody forms were in order and properly executed and indicate that samples were received at the proper temperature with no headspace. All data were reported using the correct method number and reporting units. QA/QC items of note for the first quarter 2022 include the following:

- Benzene was not detected in MW-14 or the associated Duplicate A above the lab detection limit.
- MW-19D and the associated Duplicate B sample exhibited benzene concentrations of 0.386 mg/L and 0.455 mg/L respectively. The calculated relative percent difference (RPD) is 16.41%, which is within the target range of 20%.

The overall QA/QC assessment indicates that overall data precision and accuracy are acceptable.

4. Remediation System Performance

This section includes a description of the active remediation system at the Site along with observations and modifications to the system components during the first quarter 2022. An evaluation of system performance is also provided based on collected information.

4.1 Remediation System Layout

The array of remediation wells and other infrastructure at the Site is referred to herein as the System. The System consists of 28 extraction wells, 22 Air Sparge (AS) wells, two (2) Soil Vapor Extraction (SVE) blowers, an AS blower, and ancillary piping and conveyance lines, as displayed on Figure 2.

The extraction wells, which are currently used for LNAPL recovery, are aligned along several north-south “legs.” The AS wells are aligned east-west along the southern portion of the property to create an approximately 870-foot long “sparge curtain” intended to volatilize dissolved-phase constituents that enter the AS treatment zone.

Overall, the System covers an approximate 1,000-foot (east-west) by 800-foot (north-south) area, or approximately 18-acres.

4.2 Vacuum-Enhanced Extraction Observations

As discussed within the second quarter 2014 monitoring report, soil vapor extraction (SVE) was discontinued at the Site and was not re-initiated during the current reporting period.

4.3 LNAPL Recovery System Performance Evaluation

The LNAPL Recovery portion of the System includes 28 Magnum Spill Buster units (manufactured by Clean Earth Technology) which are installed at wells within the extraction well network. The full-scale system has been operational since May 1, 2013. The recovery units were integrated into the existing LNAPL infrastructure which includes conveyance lines and a 100-barrel (4,200 gallon) steel holding tank where recovered LNAPL is accumulated.

Specific measurements and observations associated with the LNAPL Recovery System include:

- Readings were taken at the gauge on the 100-barrel steel holding tank on March 23, 2022, but the readings show that there has been no accumulation of LNAPL since December 2021. It is likely that the gauge is currently inoperable, and manual readings will be collected with an IP from the top of the barrel during the second quarter 2022.
- After Spill Buster installation, approximately 32,278 gallons (as of December 2021) of LNAPL have been removed since May 2013. Incidental groundwater recovery, inherent with previous recovery methods, has also been eliminated through operation of the Spill Buster system.

In addition to the above remediation efforts, a single solar-powered Spill Buster unit (and adjacent 1,000-gallon steel holding tank) was installed at monitoring well MW-12 on December 18, 2013. Since installation, the solar powered Spill Buster at MW-12 has removed approximately 2,146 gallons of LNAPL.

Passive bailers were installed on March 14, 2019 in wells MW-10 and MW-17. Approximately 0.5 gallons of LNAPL were removed on March 21, 2022, and a total of approximately 4.5 gallons of LNAPL have been removed since installation in early 2019. Measurements will continue to be collected during the quarterly 2022 monitoring events.

4.4 Air Sparge Performance Evaluation

The AS system has continued to operate on a 24-hour per day basis with minor down time due to routine scheduled equipment maintenance. The primary evaluation criteria for AS performance is tied to the dissolved phase hydrocarbon concentrations present in groundwater downgradient of the AS well alignment. Monitoring wells MW-14, MW-15, MW-23, MW-24, and MW-25, located downgradient from the sparge curtain, provide ideal monitoring locations for observing the effects of the AS system on impacted groundwater as it passes through the treatment zone. On the east end of the AS system, monitoring well MW-14 (<0.00100 mg/L in parent and duplicate) has continued to exhibit concentrations below the NMWQCC standards since the second quarter 2021. The benzene concentration at MW-23 continues to fluctuate compared to historic levels and was below the NMWQCC standard during the first quarter 2022 monitoring event (<0.00100 mg/L) for the first time since the second quarter 2020. Monitoring wells MW-24 and MW-25, which are located cross-gradient to MW-14 and MW-23, continue to exhibit concentrations of benzene and other dissolved petroleum hydrocarbons below laboratory detection limits. On the west end of the AS system (MW-15 and MW-16), dissolved phase hydrocarbon impacts are consistently reported below the laboratory detection limits. During the first quarter 2022, field crews discovered that the AS blower was inoperable and unable to be repaired, however, a replacement blower is planned to be installed and the system is anticipated to return to full time operation during the second quarter 2022.

Additionally, as discussed in the *Third Quarter 2015 Groundwater Monitoring Summary Report*, AS activities were initiated at monitoring well MW-22 due to the continued increasing trend of dissolved phase benzene concentrations at that location. AS is applied continuously to the well with an air pressure of 5 pounds per square inch (psi) and a flow of 5 cubic feet per minute (cfm) if sufficient volume is observed. During the second quarter 2021, MW-22 was sampled, and benzene concentrations were reported below the NMWQCC standard for the fifth consecutive quarterly monitoring event in which sampling occurred. However, sampling events on December 15, 2020, March 23, 2021, September 20, 2021, December 13, 2021 and the current quarter (March 22, 2022) provided insufficient sample volumes and were not sampled for those periods. AS application has demonstrated a general decrease in benzene concentrations at MW-22, and levels above the NMWQCC standard are now rarely observed and are likely influenced by fluctuating seasonal groundwater levels.

5. Conclusions

This section of the report presents conclusions from the findings of first quarter 2022 groundwater monitoring and remediation system O&M activities.

- The monitoring gauge for the LNAPL system recovery is currently inoperable, and troubleshooting will occur during the second quarter 2022 to determine the LNAPL accumulation in the associated 100-barrel tank.
- The AS portion of the System appears to continue to prevent the migration of LNAPL and dissolved-phase impacts across the treatment zone.

- At MW-19D and MW-26, benzene concentrations were reported above the NMWQCC groundwater standards during the first quarter 2022. However, data from adjacent monitoring wells suggest the dissolved-phase petroleum hydrocarbon plume is relatively stable in this area of the Site.
- Monitoring points along the eastern Site boundary, MW-20, MW-27, and MW-28 exhibited benzene concentrations below laboratory detection levels and/or NMWQCC standards. MW-18 is only sampled annually during the third quarter and was not sampled during this event.

6. Recommendations

Based on evaluation of current and historical data, the following recommendations for ongoing Site monitoring and remediation efforts have been developed:

- Continue quarterly and annual groundwater monitoring and sampling activities to monitor dissolved phase BTEX concentrations and LNAPL trends.
- Continue to monitor BTEX concentrations at point of compliance wells to the east of the site to delineate and mitigate potential groundwater contamination in areas adjacent to Site which are hydraulically downgradient. If an increasing trend in BTEX concentrations is observed, additional remedial strategies to mitigate migration of contaminants may be recommended.
- Continue operation, monitoring, and maintenance of the Spill Buster LNAPL extraction system. Troubleshoot the gauge associated with the system to determine the apparent lack of LNAPL accumulation.
- Regularly inspect and replace passive LNAPL bailers in MW-10 and MW-17 to increase recovery of LNAPL.
- Temporarily discontinue AS activities at monitoring well MW-22 approximately two weeks prior to the second quarter 2022 groundwater monitoring events, AS operation will be temporarily discontinued to allow the formation to equilibrate prior to sampling. Subsequent to groundwater sampling activities, AS remediation will be continued at that location.
- Due to the consistent water levels and benzene concentrations observed at MW-29, extending the AS system to this well and along the northeastern perimeter is being evaluated and anticipated to be implemented during 2022.

Tables

TABLE 1
FIRST QUARTER 2022
SUMMARY OF GROUNDWATER ELEVATION DATA
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event(1) (feet)
MW-1	06/29/2021	58.85	55.95	2.90	NM	3626.06	3569.39	NM
MW-1	09/20/2021	58.84	55.84	3.00	NM	3626.06	3569.47	0.08
MW-1	12/13/2021	58.84	55.85	2.99	NM	3626.06	3569.46	-0.01
MW-1	03/21/2022	58.83	56.07	2.76	NM	3626.06	3569.30	-0.16
MW-2	06/29/2021	53.05	49.95	3.10	NM	3623.14	3572.42	0.49
MW-2	09/20/2021	52.40	50.52	1.88	NM	3623.14	3572.15	-0.26
MW-2	12/13/2021	52.78	50.78	2.00	NM	3623.14	3571.86	-0.29
MW-2	03/21/2022	53.14	51.18	1.96	NM	3623.14	3571.47	-0.39
MW-3	06/29/2021	51.75			56.89	3623.01	3571.26	-0.26
MW-3	09/20/2021	51.15			56.89	3623.01	3571.86	0.60
MW-3	12/13/2021	51.48			56.89	3623.01	3571.53	-0.33
MW-3	03/21/2022	51.90			56.89	3623.01	3571.11	-0.42
MW-5	06/29/2021	58.95			60.35	3629.16	3570.21	-0.34
MW-5	09/09/2021	58.72			60.35	3629.16	3570.44	0.23
MW-5	12/13/2021	58.68			60.35	3629.16	3570.48	0.04
MW-5	03/21/2022	58.95			60.35	3629.16	3570.21	-0.27
MW-6	06/29/2021	NM			56.75	3626.93	NM	NM
MW-6	09/20/2021	54.35			56.75	3626.93	3572.58	NA
MW-6	12/13/2021	54.48			56.75	3626.93	3572.45	-0.13
MW-6	03/21/2022	54.77			56.75	3626.93	3572.16	-0.29
MW-7	06/29/2021	DRY			42.25	3621.40	DRY	NA
MW-7	09/20/2021	DRY			42.25	3621.40	DRY	NA
MW-7	12/13/2021	DRY			42.25	3621.40	DRY	NA
MW-7	03/21/2022	DRY			42.25	3621.40	DRY	NA
MW-9	06/29/2021	62.57	57.75	4.82	NM	3625.21	3566.26	-0.35
MW-9	06/29/2021	62.28	57.60	4.68	NM	3625.21	3566.44	0.19
MW-9	12/13/2021	62.47	57.65	4.82	NM	3625.21	3566.36	-0.09
MW-9	03/21/2022	62.60	57.93	4.67	NM	3625.21	3566.11	-0.24
MW-10	06/29/2021	55.60	52.54	3.06	NM	3621.07	3567.77	NA
MW-10	09/20/2021	54.89	52.34	2.55	NM	3621.07	3568.09	0.33
MW-10	12/13/2021	54.98	52.24	2.74	NM	3621.07	3568.15	0.05
MW-10	03/22/2022	55.54	52.47	3.07	NM	3621.07	3567.83	-0.31
MW-12**	06/29/2021	NM	NM		NM	3626.60	NA	NA
MW-12**	09/20/2021	NM	NM		NM	3626.60	NA	NA
MW-12**	12/13/2021	NM	NM		NM	3626.60	NA	NA
MW-12**	03/21/2022	NM	NM		NM	3626.60	NA	NA
MW-14	06/29/2021	55.21			63.40	3621.42	3566.21	-0.34
MW-14	09/20/2021	54.87			63.40	3621.42	3566.55	0.34
MW-14	12/14/2021	55.10			63.40	3621.42	3566.32	-0.23
MW-14	03/21/2022	55.40			63.40	3621.42	3566.02	-0.30
MW-15	06/29/2021	50.95			59.00	3619.39	3568.44	-0.36
MW-15	09/20/2021	50.49			59.00	3619.39	3568.90	0.46
MW-15	12/14/2021	50.75			59.00	3619.39	3568.64	-0.26
MW-15	03/21/2022	51.07			59.00	3619.39	3568.32	-0.32
MW-16	06/29/2021	50.90			56.40	3621.87	3570.97	-0.35
MW-16	09/20/2021	50.10			56.40	3621.87	3571.77	0.80
MW-16	12/14/2021	50.55			56.40	3621.87	3571.32	-0.45
MW-16	03/21/2022	50.97			56.40	3621.87	3570.90	-0.42
MW-17	06/29/2021	59.95	59.56	0.39	57.52	3623.94	3564.28	-0.38
MW-17	09/20/2021	59.82	59.68	0.14	57.52	3623.94	3564.23	-0.06
MW-17	12/14/2021	59.70	59.55	0.15	57.52	3623.94	3564.35	0.13
MW-17	03/22/2022	59.77			57.52	3623.94	3564.17	-0.18

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Location Identification	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event(1) (feet)
MW-18	06/29/2021	60.57			67.32	3624.30	3563.73	-0.30
MW-18	09/20/2021	60.49			67.32	3624.30	3563.81	0.08
MW-18	12/14/2021	60.60			67.32	3624.30	3563.70	-0.11
MW-18	03/21/2022	60.83			67.32	3624.30	3563.47	-0.23
MW-19	06/29/2021	61.05			66.40	3624.12	3563.07	-0.28
MW-19	09/20/2021	60.87			66.40	3624.12	3563.25	0.18
MW-19	12/14/2021	61.09			66.40	3624.12	3563.03	-0.22
MW-19	03/21/2022	61.34			66.40	3624.12	3562.78	-0.25
MW-19D	06/29/2021	61.03			78.45	3623.79	3562.76	-0.30
MW-19D	09/20/2021	60.81			78.45	3623.79	3562.98	0.22
MW-19D	12/14/2021	61.06			78.45	3623.79	3562.73	-0.25
MW-19D	03/21/2022	61.30			78.45	3623.79	3562.49	-0.24
MW-20	06/29/2021	58.68			60.89	3621.49	3562.81	-0.31
MW-20	09/20/2021	58.50			60.89	3621.49	3562.99	0.18
MW-20	12/14/2021	58.71			60.89	3621.49	3562.78	-0.21
MW-20	03/21/2022	58.96			60.89	3621.49	3562.53	-0.25
MW-21	06/29/2021	60.50			62.65	3624.25	3563.75	-0.33
MW-21	09/20/2021	60.15			62.65	3624.25	3564.10	0.35
MW-21	12/14/2021	60.50			62.65	3624.25	3563.75	-0.35
MW-21	03/21/2022	60.79			62.65	3624.25	3563.46	-0.29
MW-22	06/30/2021	62.68			62.82	3625.16	3562.48	-0.30
MW-22	09/20/2021	62.51			62.85	3625.16	3562.65	0.17
MW-22	12/13/2021	62.68			63.10	3625.16	3562.48	-0.17
MW-22	03/21/2022	DRY			63.10	3625.16	DRY	NA
MW-23	06/29/2021	54.77			57.31	3621.16	3566.39	-0.32
MW-23	09/20/2021	54.44			57.31	3621.87	3567.43	1.04
MW-23	12/14/2021	54.70			57.31	3622.58	3567.88	0.45
MW-23	03/21/2022	54.98			57.31	3622.58	3567.60	-0.28
MW-24	06/29/2021	52.97			56.70	3619.27	3566.30	-0.36
MW-24	09/20/2021	52.57			56.70	3619.27	3566.70	0.40
MW-24	12/14/2021	52.85			56.70	3619.27	3566.42	-0.28
MW-24	03/21/2022	53.15			56.70	3619.27	3566.12	-0.30
MW-25	06/29/2021	53.92			56.75	3619.73	3565.81	-0.34
MW-25	09/20/2021	53.53			56.70	3619.73	3566.20	0.39
MW-25	12/14/2021	53.87			56.70	3619.73	3565.86	-0.34
MW-25	03/21/2022	54.18			56.70	3619.73	3565.55	-0.31
MW-26	06/29/2021	61.75			76.10	3625.59	3563.84	-0.37
MW-26	09/20/2021	61.56			76.10	3625.59	3564.03	0.19
MW-26	12/14/2021	61.63			76.10	3625.59	3563.96	-0.07
MW-26	03/21/2022	61.90			76.10	3625.59	3563.69	-0.27
MW-27	06/29/2021	62.85			71.90	3626.44	3563.59	-0.25
MW-27	09/20/2021	62.83			71.90	3626.44	3563.61	0.02
MW-27	12/14/2021	62.90			71.90	3626.44	3563.54	-0.07
MW-27	03/21/2022	63.13			71.90	3626.44	3563.31	-0.23
MW-28	06/29/2021	62.80			74.82	3625.41	3562.61	-0.25
MW-28	09/20/2021	62.67			74.82	3625.41	3562.74	0.13
MW-28	12/14/2021	62.81			74.82	3625.41	3562.60	-0.14
MW-28	03/21/2022	63.13			74.82	3625.41	3562.28	-0.32
MW-29	06/29/2021	61.98			76.59	3624.59	3562.61	-0.23
MW-29	09/20/2021	61.99			76.59	3624.59	3562.60	-0.01
MW-29	12/14/2021	62.02			76.59	3624.59	3562.57	-0.03
MW-29	03/21/2022	62.30			76.59	3624.59	3562.29	-0.28

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LEA COUNTY, NEW MEXICO

Location Identification	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event(1) (feet)
TW-H	06/29/2021	53.62	51.86	1.76	NM	3622.30	3570.00	-0.33
TW-H	09/20/2021	53.45	51.70	1.75	NM	3622.30	3570.16	0.16
TW-H	12/14/2021	51.75			NM	3622.30	3570.55	0.39
TW-H	03/21/2022	51.98	51.29	0.69	NM	3622.30	3570.84	0.29
TW-K***	06/29/2021	NM	NM		62.15	3628.95	NA	NA
TW-K	09/20/2021	62.10			62.12	3628.95	3566.85	NA
TW-K	12/14/2021	62.10			62.12	3628.95	3566.85	0.00
TW-K	03/21/2022	62.09			62.12	3628.95	3566.86	0.01
TW-N	03/21/2022	59.32	59.29	0.03	NA	3631.98	3572.68	NA
TW-U	06/29/2021	64.10	63.72	0.38	63.98	3628.67	3564.86	0.39
TW-U	09/20/2021	63.68			62.12	3628.67	3564.99	0.14
TW-U	12/14/2021	64.05	63.70	0.35	62.12	3628.67	3564.88	-0.11
TW-U	03/21/2022	64.04	63.93	0.11	62.12	3628.67	3564.71	-0.17
TW-T-R	06/29/2021	NM	NM		76.53	3625.90	NA	NA
TW-T-R	09/20/2021	Well not located - presumed destroyed						
TW-T-R	12/14/2021	61.80	61.30	0.50	76.53	3625.90	3564.48	NA
TW-T-R	03/21/2022	62.22	61.44	0.78	76.55	3625.90	3564.27	-0.21
TW-V	06/29/2021	DRY			NM	3628.54	DRY	NA
TW-V	09/20/2021	DRY			NM	3628.54	DRY	NA
TW-V	12/14/2021	DRY			NM	3628.54	DRY	NA
TW-V	03/21/2022	DRY			NM	3628.54	DRY	NA
TW-W	06/29/2021	61.89	61.15	0.74	NM	3626.88	3565.55	-0.62
TW-W	09/20/2021	61.93	61.16	0.77	62.12	3626.88	3565.53	-0.02
TW-W	12/14/2021	61.85	61.05	0.80	62.12	3626.88	3565.63	0.10
TW-W	03/21/2022	61.85	61.25	0.60	62.12	3626.88	3565.48	-0.15
						Average change in groundwater elevation (12/14/2021 to 3/21/2022)		-0.24

Notes:
1- Changes in groundwater elevation calculated by subtracting the measurement collected during the previous monitoring event from the measurement collected during the most recent monitoring event.
amsl = feet above mean sea level
TOC = top of casing
Groundwater elevation = (TOC Elevation - Measured Depth to Water)
Groundwater elevation = (TOC Elevation - Measured Depth to Water) + (LNAPL Thickness in Well * LNAPL Relative Density)
LNAPL relative density is assumed to be approximately 0.75
NM = Not Measured
NA = Not Applicable
TD = Total Depth
** The depth to water reading collected from these wells are anomolous and assumed to be an error during field collection. Therefore, the change in groundwater elevation from the previous monitoring event was not calculated and/or used for the average change in groundwater elevation across the Site.
* Groundwater elevation was corrected for product thickness using the following calculation, when applicable:
** Monitoring well MW-12 has an active Spill Buster automatic LNAPL recovery pump installed. As such, the calculated groundwater elevations may not be representative of actual groundwater elevations within the well.
***No groundwater was present in well, Free Phase Hydrocarbon Thickness was measured in feet from Depth to Product (DTP) to TD.

TABLE 2
FIRST QUARTER 2022
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	
MW-1	03/22/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 2.76'
MW-2	03/22/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 1.96'
MW-3	03/22/2022	Sampled Annually During Third Quarter				
MW-5	03/22/2022	Sampled Annually During Third Quarter				
MW-6	03/22/2022	Sampled Annually During Third Quarter				
MW-7	03/22/2022	Sampled Annually - Historically Dry				
MW-9	03/22/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 4.67'
MW-10	03/22/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 3.07'
MW-12	03/22/2022	NS	NS	NS	NS	Spill Buster in Well
MW-14	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-17	03/22/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; No LNAPL
MW-18	03/22/2022	Sampled Annually During Third Quarter				
MW-19	03/22/2022	<0.00100	<0.00100	0.000372 J	<0.00300	
MW-19D	03/22/2022	**0.386**	<0.0250	0.0964	0.00676 J	Duplicate B sample collected
MW-19D (Duplicate)	03/22/2022	**0.455**	0.000282 J	0.125	0.00904	
MW-20	03/22/2022	0.000212 J	<0.00100	<0.00100	<0.00300	
MW-21	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	03/22/2022	Not Sampled - Insufficent Volume				
MW-23	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-26	03/22/2022	**0.173**	<0.00100	0.0540	0.0665	
MW-27	03/22/2022	0.000137 J	<0.00100	<0.00100	<0.00300	
MW-28	03/22/2022	0.00315	<0.00100	0.00217	0.000527 J	
MW-29	03/22/2022	0.000161 J	<0.00100	<0.00100	<0.00300	
Trip Blank	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	

Notes:

Bold red values indicate an exceedance of the NMWQCC groundwater standards for the Site.

NMWQCC = New Mexico Water Quality Control Commission

LNAPL = Light Non-Aqueous Phase Liquid

J = A qualifier indicating an estimated value of a concentration above the laboratory's Method Detection Limit (MDL) but below the Reported Detection Limit (RDL).

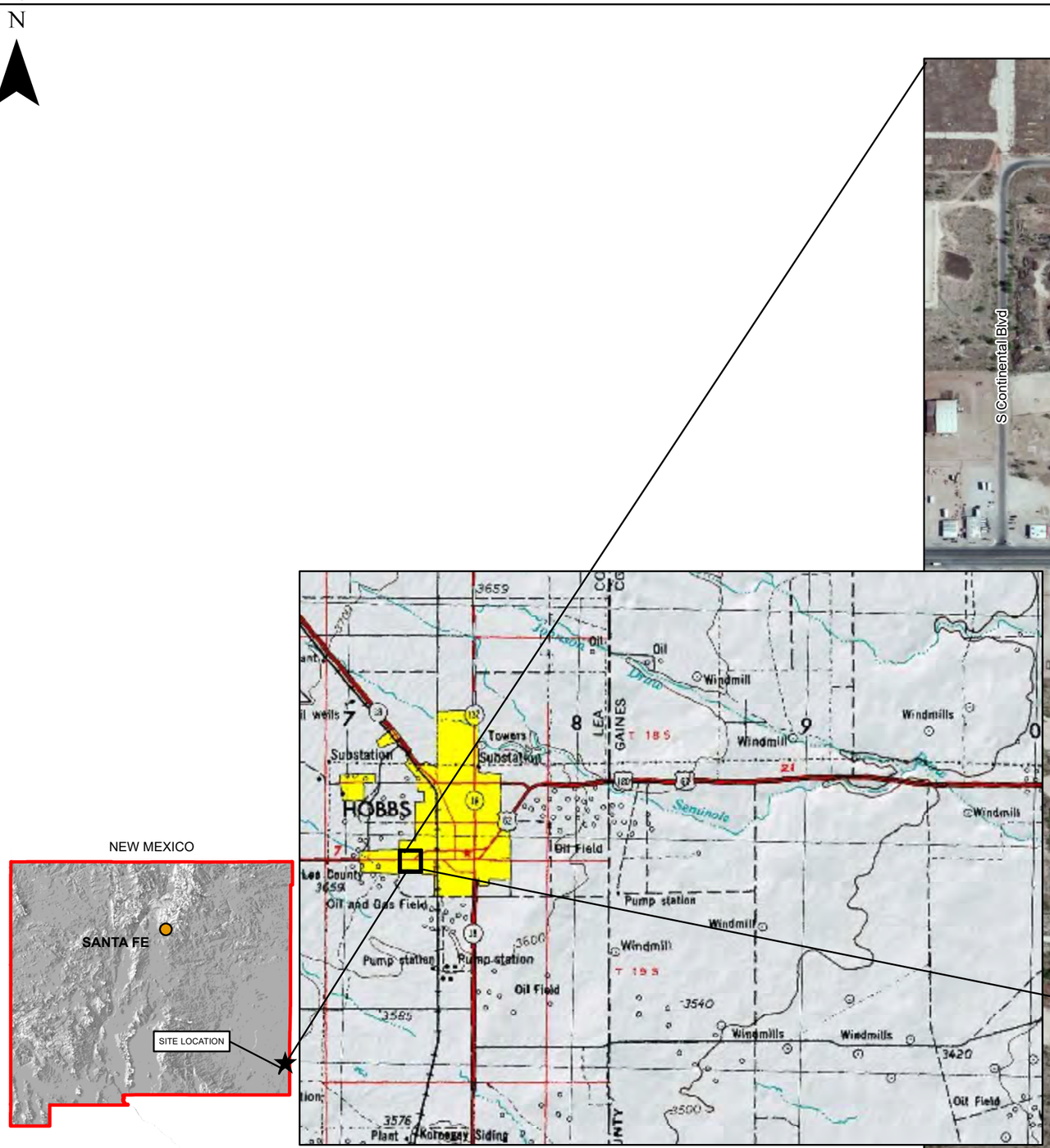
NS = Not Sampled

NM - Not Measured

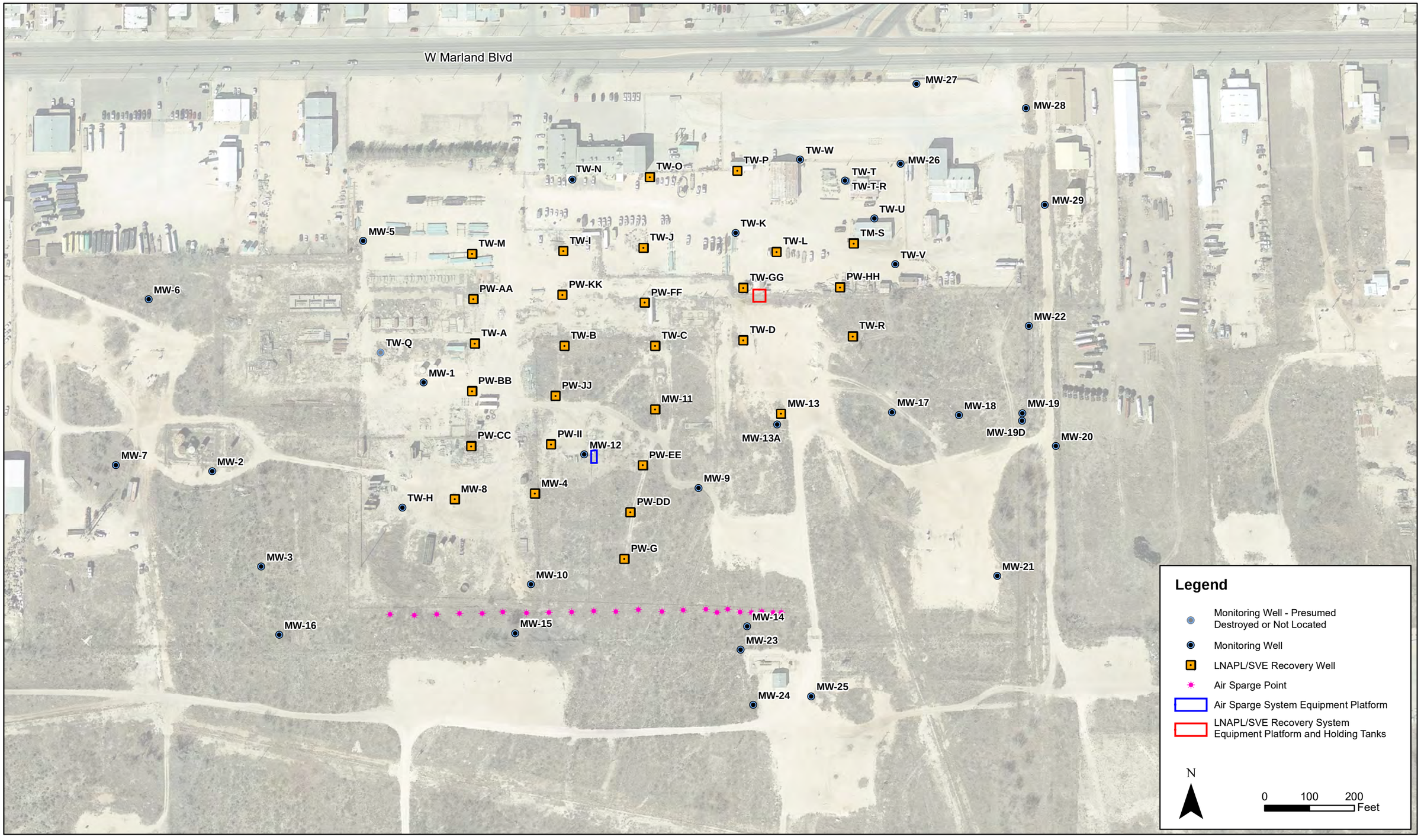
mg/L = milligrams per liter

Figures

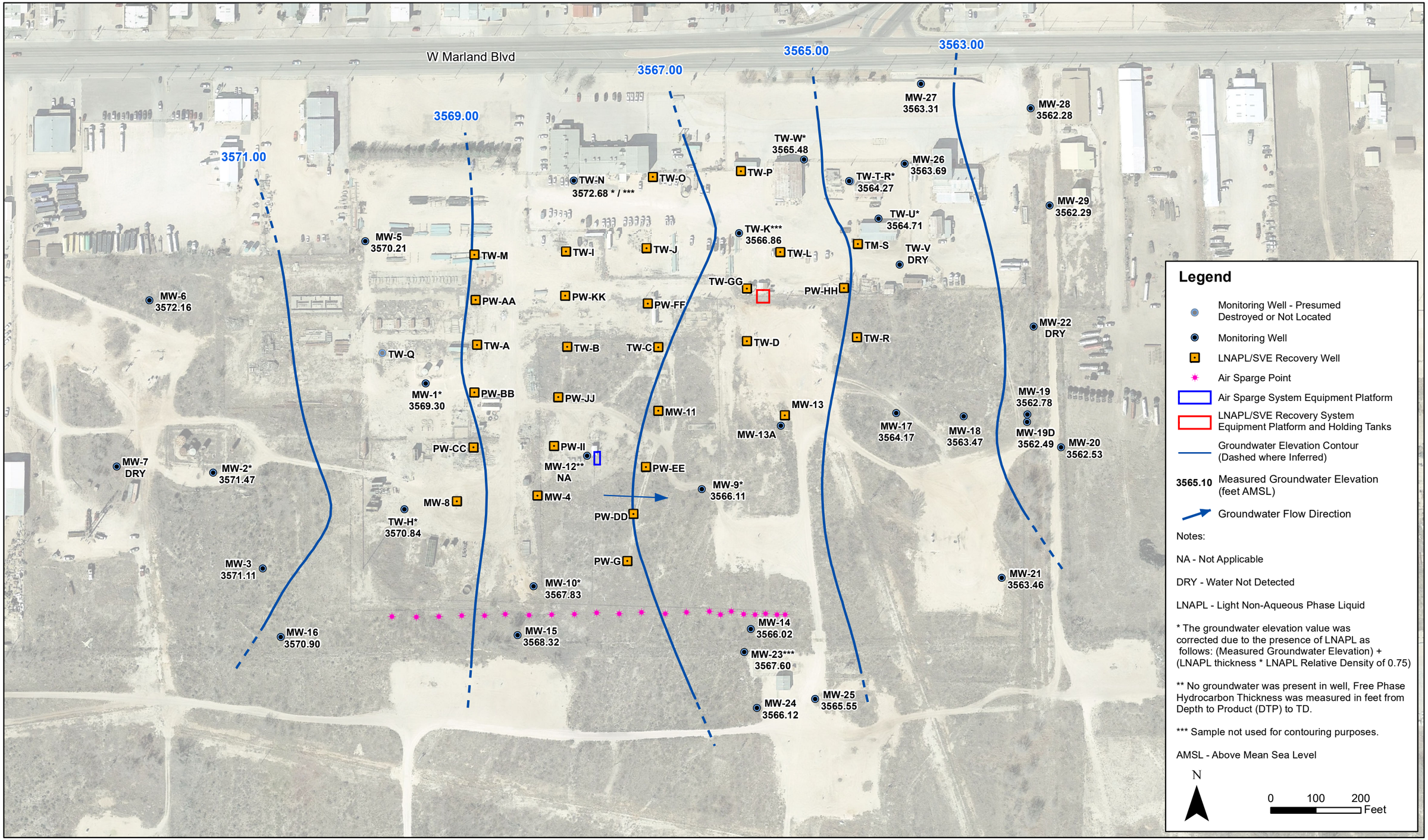
N



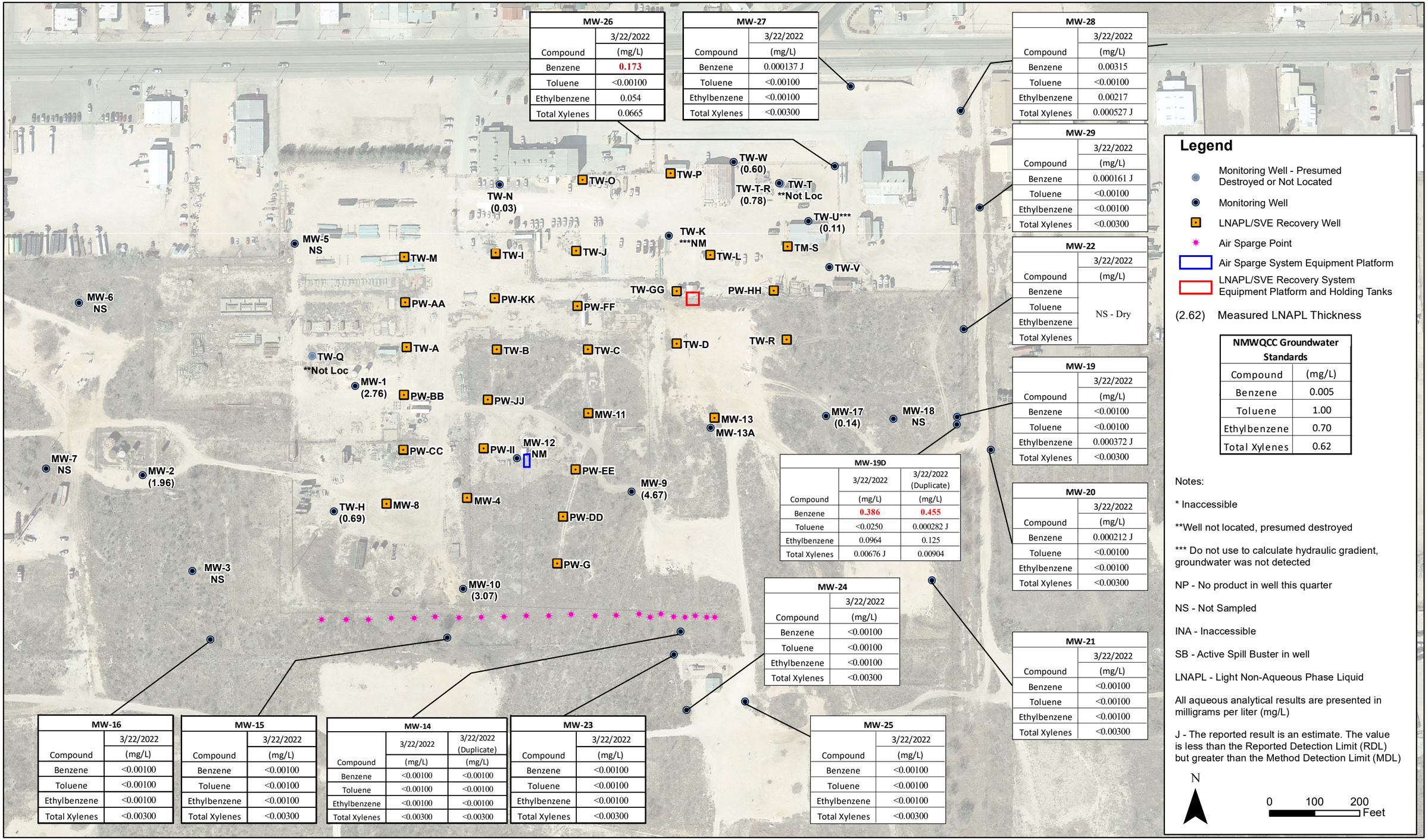
DATE: April 2015 DESIGNED BY: T. Johansen DRAWN BY: D. Arnold	TASMAN	Tasman Geosciences, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Midstream** **Hobbs Booster Station** Units C and D, Section 4, Township 19 South, Range 38 East Lea County, New Mexico	Site Location Map	Figure 1



DATE: December 2019 DESIGNED BY: B.Humphrey DRAWN BY: J. Clonts	TASMAN	**Tasman Geosciences, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**DCP Midstream** **Hobbs Booster Station** First Quarter 2022 Groundwater Monitoring Summary Report	Site Map with Monitoring Well Locations	Figure 2



DATE: April 2022 DESIGNED BY: B.Humphrey DRAWN BY: L. Reed	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Midstream** **Hobbs Booster Station** First Quarter 2022 Groundwater Monitoring Summary Report	Groundwater Elevation Contour Map (March 21 & 22, 2022)	Figure 3



DATE: April 2022

DESIGNED BY: B.Humphrey

DRAWN BY: L. Reed

TASMAN

Tasman, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Midstream
Hobbs Booster Station
First Quarter 2022 Groundwater Monitoring Summary Report

Analytical Results Map (March 22, 2022)

Figure 4

Appendix A

Historical Analytical Results

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-1	09/15/2005	**0.017**	<0.002	0.047	0.066	
MW-1	02/27/2014	LNAPL				Sampled Annually
MW-1	06/03/2014	LNAPL				Sampled Annually
MW-1	09/24/2014	LNAPL				Annual Event
MW-1	12/03/2014	LNAPL				Sampled Annually
MW-1	02/25/2015	LNAPL				Sampled Annually
MW-1	06/03/2015	LNAPL				Sampled Annually
MW-1	09/01/2015	LNAPL				Annual Event
MW-1	12/16/2015	LNAPL				Sampled Annually
MW-1	03/24/2016	LNAPL				Sampled Annually
MW-1	06/23/2016	LNAPL				Sampled Annually
MW-1	09/28/2016	LNAPL				Annual Event
MW-1	12/21/2016	LNAPL				Sampled Annually
MW-1	03/09/2017	LNAPL				Sampled Annually
MW-1	06/21/2017	LNAPL				Sampled Annually
MW-1	09/26/2017	LNAPL				Annual Event
MW-1	12/20/2017	LNAPL				Sampled Annually
MW-1	03/13/2018	LNAPL				Sampled Annually
MW-1	06/26/2018	LNAPL				Sampled Annually
MW-1	09/11/2018	LNAPL				Annual Event
MW-1	12/27/2018	LNAPL				Annual Event
MW-1	09/24/2019	LNAPL				Annual Event
MW-1	09/23/2020	LNAPL				Annual Event
MW-1	12/15/2020	Sampled Annually - Historical LNAPL Present				
MW-1	03/23/2021	Sampled Annually - Historical LNAPL Present				
MW-1	06/29/2021	Sampled Annually - Historical LNAPL Present				
MW-1	09/20/2021	Sampled Annually - Historical LNAPL Present				
MW-1	12/13/2021	Sampled Annually - Historical LNAPL Present				LNAPL - 2.99'
MW-1	03/22/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 2.76'
MW-2	02/27/2014	LNAPL				Sampled Annually
MW-2	06/03/2014	LNAPL				Sampled Annually
MW-2	09/24/2014	LNAPL				Annual Event
MW-2	12/03/2014	LNAPL				Sampled Annually
MW-2	02/25/2015	LNAPL				Sampled Annually
MW-2	06/03/2015	LNAPL				Sampled Annually
MW-2	09/01/2015	LNAPL				Annual Event
MW-2	12/16/2015	LNAPL				Sampled Annually
MW-2	03/24/2016	DRY				Sampled Annually
MW-2	06/23/2016	LNAPL				Sampled Annually
MW-2	09/29/2016	LNAPL				Annual Event
MW-2	12/21/2016	LNAPL				Sampled Annually
MW-2	03/09/2017	LNAPL				Sampled Annually
MW-2	06/21/2017	LNAPL				Sampled Annually
MW-2	09/26/2017	LNAPL				Annual Event
MW-2	12/20/2017	LNAPL				Sampled Annually
MW-2	03/13/2018	LNAPL				Sampled Annually
MW-2	06/26/2018	LNAPL				Sampled Annually
MW-2	09/11/2018	LNAPL				Annual Event
MW-2	09/24/2019	LNAPL				Annual Event
MW-2	09/23/2020	LNAPL				Annual Event
MW-2	12/15/2020	Sampled Annually - Historical LNAPL Present				
MW-2	03/23/2021	Sampled Annually - Historical LNAPL Present				
MW-2	06/29/2021	Sampled Annually - Historical LNAPL Present				
MW-2	09/20/2021	Sampled Annually - Historical LNAPL Present				
MW-2	12/13/2021	Sampled Annually - Historical LNAPL Present				LNAPL - 2.00'
MW-2	03/22/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 1.96'

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-3	09/14/2005	0.0025	<0.002	0.24	0.17	
MW-3	06/21/2006	0.0018	<0.002	0.14	0.089	
MW-3	06/27/2007	0.0012	<0.002	0.207	0.0977	
MW-3	09/21/2009	<0.002	<0.002	0.0123	0.0031	
MW-3	09/14/2010	<0.001	<0.002	0.0134	-	
MW-3	03/29/2011	NS	NS	NS	NS	
MW-3	09/16/2011	<0.001	<0.002	0.0246	0.0135	
MW-3	12/06/2011	NS	NS	NS	NS	
MW-3	03/09/2012	<0.001	<0.002	0.0019	<0.004	
MW-3	06/06/2012	NS	NS	NS	NS	
MW-3	09/06/2012	<0.001	<0.002	0.0022	0.0023	
MW-3	12/05/2012	NS	NS	NS	NS	
MW-3	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-3	06/03/2013	NS	NS	NS	NS	
MW-3	09/10/2013	<0.001	<0.002	0.0023	<0.003	
MW-3	12/02/2013	NS	NS	NS	NS	
MW-3	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-3	09/01/2015	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-3	09/29/2016	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-3	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-3	12/15/2020	Sampled Annually During Third Quarter				
MW-3	03/23/2021	Sampled Annually During Third Quarter				
MW-3	06/29/2021	Sampled Annually During Third Quarter				
MW-3	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-3	12/13/2021	Sampled Annually During Third Quarter				
MW-3	03/22/2022	Sampled Annually During Third Quarter				
MW-5	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-5	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-5	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-5	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-5	09/14/2010	<0.001	<0.002	<0.002	-	
MW-5	03/29/2011	NS	NS	NS	NS	
MW-5	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-5	12/06/2011	NS	NS	NS	NS	
MW-5	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-5	06/06/2012	NS	NS	NS	NS	
MW-5	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-5	12/05/2012	NS	NS	NS	NS	
MW-5	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-5	06/03/2013	NS	NS	NS	NS	
MW-5	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-5	12/02/2013	NS	NS	NS	NS	
MW-5	02/27/2014	NS	NS	NS	NS	Sampled Annually
MW-5	06/03/2014	NS	NS	NS	NS	Sampled Annually
MW-5	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-5	12/03/2014	NS	NS	NS	NS	Sampled Annually
MW-5	02/25/2015	NS	NS	NS	NS	Sampled Annually
MW-5	06/03/2015	NS	NS	NS	NS	Sampled Annually
MW-5	09/01/2015	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	12/16/2015	NS	NS	NS	NS	Sampled Annually
MW-5	03/24/2016	NS	NS	NS	NS	Sampled Annually
MW-5	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-5	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	12/21/2016	NS	NS	NS	NS	Sampled Annually
MW-5	03/09/2017	NS	NS	NS	NS	Sampled Annually

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-5	06/21/2017	NS	NS	NS	NS	Sampled Annually
MW-5	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	12/20/2017	NS	NS	NS	NS	Sampled Annually
MW-5	03/13/2018	NS	NS	NS	NS	Sampled Annually
MW-5	06/26/2018	NS	NS	NS	NS	Sampled Annually
MW-5	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-5	12/15/2020	NS	NS	NS	NS	
MW-5	03/23/2021	NS	NS	NS	NS	
MW-5	06/29/2021	NS	NS	NS	NS	
MW-5	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-5	12/13/2021	Sampled Annually During Third Quarter				
MW-5	03/22/2022	Sampled Annually During Third Quarter				
MW-6	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-6	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-6	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-6	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-6	09/14/2010	<0.001	<0.002	<0.002	-	
MW-6	03/29/2011	NS	NS	NS	NS	
MW-6	09/16/2011	<0.001	<0.002	<0.002	<0.004	
MW-6	12/06/2011	NS	NS	NS	NS	
MW-6	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-6	06/06/2012	NS	NS	NS	NS	
MW-6	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-6	12/05/2012	NS	NS	NS	NS	
MW-6	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-6	06/03/2013	NS	NS	NS	NS	
MW-6	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-6	12/02/2013	NS	NS	NS	NS	
MW-6	02/27/2014	NS	NS	NS	NS	Sampled Annually
MW-6	06/03/2014	NS	NS	NS	NS	Sampled Annually
MW-6	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-6	12/03/2014	NS	NS	NS	NS	Sampled Annually
MW-6	02/25/2015	NS	NS	NS	NS	Sampled Annually
MW-6	06/03/2015	NS	NS	NS	NS	Sampled Annually
MW-6	09/01/2015	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-6	12/16/2015	NS	NS	NS	NS	Sampled Annually
MW-6	03/24/2016	NS	NS	NS	NS	Sampled Annually
MW-6	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-6	09/29/2016	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-6	12/21/2016	NS	NS	NS	NS	Sampled Annually
MW-6	03/09/2017	NS	NS	NS	NS	Sampled Annually
MW-6	06/21/2017	NS	NS	NS	NS	Sampled Annually
MW-6	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-6	03/13/2018	NS	NS	NS	NS	Sampled Annually
MW-6	06/26/2018	NS	NS	NS	NS	Sampled Annually
MW-6	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-6	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-6	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-6	12/15/2020	NS	NS	NS	NS	
MW-6	03/23/2021	NS	NS	NS	NS	
MW-6	06/29/2021	NS	NS	NS	NS	
MW-6	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-6	12/13/2021	Sampled Annually During Third Quarter				
MW-6	03/22/2022	Sampled Annually During Third Quarter				
MW-7	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-7	06/27/2007	<0.002	<0.002	<0.002	<0.006	

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HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-7	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-7	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-7	09/29/2010	<0.001	<0.002	<0.002	-	
MW-7	03/29/2011	NS	NS	NS	NS	
MW-7	09/16/2011	NS	NS	NS	NS	
MW-7	12/06/2011	NS	NS	NS	NS	
MW-7	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-7	06/06/2012	NS	NS	NS	NS	Sampled Annually
MW-7	09/06/2012	DRY				Annual Event
MW-7	12/05/2012	NS	NS	NS	NS	Sampled Annually
MW-7	02/19/2013	NS	NS	NS	NS	Sampled Annually
MW-7	06/03/2013	NS	NS	NS	NS	Sampled Annually
MW-7	09/10/2013	DRY				Annual Event
MW-7	12/02/2013	NS	NS	NS	NS	Sampled Annually
MW-7	02/27/2014	NS	NS	NS	NS	Sampled Annually
MW-7	06/03/2014	NS	NS	NS	NS	Sampled Annually
MW-7	09/22/2014	DRY				Annual Event
MW-7	12/03/2014	DRY				Sampled Annually
MW-7	02/25/2015	DRY				Sampled Annually
MW-7	06/03/2015	DRY				Sampled Annually
MW-7	09/01/2015	DRY				Annual Event
MW-7	12/16/2015	DRY				Sampled Annually
MW-7	03/24/2016	DRY				Sampled Annually
MW-7	06/23/2016	DRY				Sampled Annually
MW-7	09/28/2016	DRY				Annual Event
MW-7	12/21/2016	DRY				Sampled Annually
MW-7	03/09/2017	DRY				Sampled Annually
MW-7	06/21/2017	DRY				Sampled Annually
MW-7	09/26/2017	DRY				Annual Event
MW-7	12/20/2017	DRY				Sampled Annually
MW-7	03/13/2018	DRY				Sampled Annually
MW-7	06/26/2018	DRY				Sampled Annually
MW-7	09/11/2018	DRY				Annual Event
MW-7	09/24/2019	DRY				Annual Event
MW-7	09/23/2020	DRY				Annual Event
MW-7	12/15/2020	DRY				
MW-7	03/23/2021	DRY				
MW-7	06/29/2021	DRY				
MW-7	09/20/2021	DRY				
MW-7	12/13/2021	Sampled Annually - Historically Dry				
MW-7	03/22/2022	Sampled Annually - Historically Dry				
MW-9	02/27/2014	LNAPL				Sampled Annually
MW-9	06/03/2014	LNAPL				Sampled Annually
MW-9	09/24/2014	LNAPL				Annual Event
MW-9	12/03/2014	LNAPL				Sampled Annually
MW-9	02/25/2015	LNAPL				Sampled Annually
MW-9	06/03/2015	LNAPL				Sampled Annually
MW-9	09/01/2015	LNAPL				Annual Event
MW-9	12/16/2015	LNAPL				Sampled Annually
MW-9	03/24/2016	LNAPL				Sampled Annually
MW-9	06/23/2016	LNAPL				Sampled Annually
MW-9	09/28/2016	LNAPL				Annual Event
MW-9	12/21/2016	LNAPL				Sampled Annually
MW-9	03/09/2017	LNAPL				Sampled Annually
MW-9	06/21/2017	LNAPL				Sampled Annually
MW-9	09/26/2017	LNAPL				Annual Event
MW-9	12/20/2017	LNAPL				Sampled Annually
MW-9	03/13/2018	LNAPL				Sampled Annually

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-9	06/26/2018	LNAPL				Sampled Annually
MW-9	09/11/2018	LNAPL				Annual Event
MW-9	09/24/2019	LNAPL				Annual Event
MW-9	09/22/2020	LNAPL				Annual Event
MW-9	12/15/2020	Sampled Annually - Historical LNAPL Present				
MW-9	03/23/2021	Sampled Annually - Historical LNAPL Present				
MW-9	06/29/2021	Sampled Annually - Historical LNAPL Present				
MW-9	09/20/2021	LNAPL				Annual Event - LNAPL
MW-9	12/13/2021	Sampled Annually - Historical LNAPL Present				LNAPL - 4.82'
MW-9	03/22/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 4.67'
MW-10	06/21/2006	**0.62**	0.0195	0.19	0.26	
MW-10	06/27/2007	**0.42**	0.0037	0.221	0.31	
MW-10	09/21/2009	**0.0813**	<0.002	0.343	0.0115	
MW-10	09/14/2010	**0.123**	<0.002	0.274	-	
MW-10	03/29/2011	NS	NS	NS	NS	
MW-10	09/16/2011	**0.213**	<0.002	0.135	<0.02	Duplicate sample collected
MW-10	12/06/2011	NS	NS	NS	NS	
MW-10	03/09/2012	NS	NS	NS	NS	
MW-10	06/06/2012	NS	NS	NS	NS	
MW-10	09/06/2012	NS	NS	NS	NS	
MW-10	12/05/2012	NS	NS	NS	NS	
MW-10	02/19/2013	LNAPL				
MW-10	06/03/2013	LNAPL				
MW-10	09/10/2013	LNAPL				
MW-10	12/02/2013	LNAPL				
MW-10	02/27/2014	LNAPL				Sampled Annually
MW-10	06/03/2014	LNAPL				Sampled Annually
MW-10	09/24/2014	LNAPL				Annual Event
MW-10	12/03/2014	LNAPL				Sampled Annually
MW-10	02/25/2015	LNAPL				Sampled Annually
MW-10	06/03/2015	LNAPL				Sampled Annually
MW-10	09/01/2015	LNAPL				Annual Event
MW-10	12/16/2015	LNAPL				Sampled Annually
MW-10	03/24/2016	LNAPL				Sampled Annually
MW-10	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-10	09/28/2016	LNAPL				Annual Event
MW-10	12/21/2016	LNAPL				Sampled Annually
MW-10	03/09/2017	LNAPL				Sampled Annually
MW-10	06/21/2017	LNAPL				Sampled Annually
MW-10	09/26/2017	LNAPL				Annual Event
MW-10	12/20/2017	LNAPL				Sampled Annually
MW-10	03/13/2018	LNAPL				Sampled Annually
MW-10	06/26/2018	LNAPL				Sampled Annually
MW-10	09/11/2018	LNAPL				Annual Event
MW-10	09/24/2019	LNAPL				Annual Event
MW-10	09/23/2020	NM				Passive Bailer in Well
MW-10	12/15/2020	NS	NS	NS	NS	Passive Bailer in Well
MW-10	03/23/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-10	06/29/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-10	09/20/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-10	12/13/2021	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 2.74'
MW-10	03/22/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 3.07'
MW-12	02/27/2014	LNAPL				Sampled Annually
MW-12	06/03/2014	LNAPL				Sampled Annually
MW-12	09/22/2014	LNAPL				Annual Event
MW-12	12/03/2014	LNAPL				Sampled Annually
MW-12	02/25/2015	LNAPL				Sampled Annually

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BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-12	06/03/2015	LNAPL				Sampled Annually
MW-12	09/01/2015	LNAPL				Annual Event
MW-12	12/16/2015	LNAPL				Sampled Annually
MW-12	03/24/2016	LNAPL				Sampled Annually
MW-12	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-12	12/21/2016	NS	NS	NS	NS	Sampled Annually
MW-12	03/09/2017	NS	NS	NS	NS	Sampled Annually
MW-12	06/21/2017	NS	NS	NS	NS	Sampled Annually
MW-12	09/26/2017	NS	NS	NS	NS	Spill Buster in Well
MW-12	09/11/2018	NS	NS	NS	NS	Spill Buster in Well
MW-12	09/24/2019	NS	NS	NS	NS	Spill Buster in Well
MW-12	09/23/2020	NS	NS	NS	NS	Spill Buster in Well
MW-12	12/15/2020	NS	NS	NS	NS	Spill Buster in Well
MW-12	03/23/2021	NS	NS	NS	NS	Spill Buster in Well
MW-12	06/29/2021	NS	NS	NS	NS	Spill Buster in Well
MW-12	09/20/2021	NS	NS	NS	NS	Spill Buster in Well
MW-12	12/13/2021	NS	NS	NS	NS	Spill Buster in Well
MW-12	03/22/2022	NS	NS	NS	NS	Spill Buster in Well
MW-14	03/23/2005	**0.085**	<0.001	0.024	0.0043	
MW-14	06/08/2005	**0.48**	0.0041	0.073	0.013	
MW-14	09/14/2005	**0.077**	<0.002	0.0088	<2.0	
MW-14	12/13/2005	**0.045**	<0.002	0.0099	0.003	
MW-14	03/28/2006	**0.022**	<0.002	0.0068	0.0026	
MW-14	06/21/2006	**0.014**	0.00095	0.005	0.0042	
MW-14	09/27/2006	**0.18**	0.014	0.015	0.026	
MW-14	12/20/2006	**0.5**	0.0204	0.029	0.059	
MW-14	03/29/2007	**0.881**	0.0115	0.0368	0.0809	
MW-14	06/27/2007	**1.11**	0.01	0.0421	0.104	
MW-14	09/06/2007	**0.603**	0.00088	0.0194	0.0243	
MW-14	11/28/2007	**0.431**	<0.0027	0.0155	0.0075	
MW-14	03/06/2008	**0.627**	0.0445	0.0372	0.0228	
MW-14	12/02/2008	**0.38**	<0.002	0.0172	<0.0014	
MW-14	03/09/2009	**0.341**	<0.002	0.017	<0.0014	
MW-14	05/26/2009	**0.285**	<0.01	0.0104	<0.0068	
MW-14	09/21/2009	**0.205**	<0.002	0.008	<0.0017	
MW-14	12/20/2009	**0.165**	<0.002	0.0037	<0.0017	
MW-14	03/09/2010	<0.40	<0.002	<1.0	-	
MW-14	06/14/2010	**0.081**	<0.002	0.0017	-	
MW-14	09/14/2010	**0.11**	<0.002	0.0024	-	
MW-14	12/07/2010	**0.118**	<0.002	0.002	-	
MW-14	03/29/2011	**0.0901**	0.0041	<0.002	<0.002	
MW-14	06/21/2011	**0.187**	<0.0010	0.0043	<0.0020	
MW-14	09/15/2011	**0.15**	<0.002	0.0024	<0.004	
MW-14	12/06/2011	**0.0787**	<0.002	0.0017	<0.004	Duplicate sample collected
MW-14	03/09/2012	**0.0523**	<0.002	0.00066	<0.004	
MW-14	06/06/2012	**0.0335**	<0.002	0.00064	<0.003	
MW-14	09/06/2012	**0.105**	<0.002	0.0012	<0.003	
MW-14	12/05/2012	**0.129**	<0.002	0.00081	<0.003	
MW-14	02/19/2013	**0.0603**	<0.002	0.00084	<0.003	
MW-14	06/03/2013	**0.0461**	<0.002	0.0012	<0.003	Duplicate sample collected
MW-14	09/10/2013	**0.0959**	<0.002	0.0016	<0.003	Duplicate A sample collected
MW-14	12/02/2013	**0.0636**	<0.002	0.0011	<0.003	Duplicate A sample collected
MW-14	02/27/2014	**0.105**	<0.002	0.0012 J	0.0021 J	Duplicate sample collected
MW-14 - Duplicate	02/27/2014	**0.117**	<0.002	0.0012 J	0.0022 J	
MW-14	06/03/2014	**0.0265**	<0.002	0.00084 J	<0.003	Duplicate sample collected
MW-14 - Duplicate	06/03/2014	**0.0209**	<0.002	0.00058 J	<0.003	
MW-14	09/23/2014	**0.1**	<0.001	0.00066 J	0.0026	Duplicate A Sample Collected
MW-14 (Duplicate)	09/23/2014	**0.0673**	<0.001	0.00064 J	0.0017	

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HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-14	12/03/2014	**0.0186**	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	12/03/2014	**0.0216**	<0.001	0.00034 J	0.00081 J	
MW-14	02/25/2015	**0.046**	<0.005	<0.005	<0.015	Duplicate Sample Collected
MW-14 (Duplicate)	02/25/2015	**0.046**	<0.005	<0.005	<0.015	
MW-14	06/03/2015	0.0077	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	06/03/2015	**0.061**	<0.001	<0.001	0.0047	
MW-14	09/01/2015	**0.031**	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	09/01/2015	**0.062**	<0.001	<0.001	<0.003	
MW-14	12/16/2015	**0.12**	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	12/16/2015	**0.056**	<0.001	<0.001	<0.003	
MW-14	03/23/2016	**0.01**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	03/23/2016	**0.06**	<0.0010	<0.0010	<0.0030	
MW-14	06/23/2016	**0.01**	<0.0010	<0.0010	<0.0030	Duplicate Sample Collected
MW-14 (Duplicate)	06/23/2016	**0.017**	<0.0010	<0.0010	<0.0030	
MW-14	09/29/2016	**0.031**	<0.0010	<0.0010	<0.0030	Duplicate Sample Collected
MW-14 (Duplicate)	09/29/2016	**0.037**	<0.0010	<0.0010	<0.0030	
MW-14	12/21/2016	**0.047**	<0.0010	<0.0010	<0.0030	Duplicate Sample Collected
MW-14 (Duplicate)	12/21/2016	**0.015**	<0.0010	<0.0010	<0.0010	
MW-14	03/09/2017	**0.013**	<0.0010	<0.0010	<0.0010	Duplicate Sample Collected
MW-14 (Duplicate)	03/09/2017	**0.027**	<0.0010	<0.0010	<0.0010	
MW-14	06/21/2017	**0.11**	<0.0010	0.0023	0.0016	Duplicate Sample Collected
MW-14 (Duplicate)	06/21/2017	**0.14**	<0.0010	0.0018	0.0018	
MW-14	09/26/2017	**0.35**	<0.0010	0.00237	0.00418	Duplicate sample collected
MW-14 (Duplicate)	09/26/2017	**0.339**	<0.0010	0.00265	0.00448	
MW-14	12/20/2017	**0.127**	<0.005	<0.005	<0.015	Duplicate sample collected
MW-14 (Duplicate)	12/20/2017	**0.138**	<0.001	0.000411 J	<0.0030	
MW-14	03/13/2018	**0.0413**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	03/13/2018	**0.0396**	<0.0010	<0.0010	<0.0030	
MW-14	06/27/2018	**0.0506**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	06/27/2018	**0.0356**	<0.0010	<0.0010	<0.0030	
MW-14	09/11/2018	**0.0543**	<0.0010	0.000764 J	0.00204 J	Duplicate sample collected
MW-14 (Duplicate)	09/11/2018	**0.0593**	<0.0010	0.000654 J	0.00182 J	
MW-14	12/27/2018	**0.115**	<0.0010	0.00142	0.00730	Duplicate sample collected
MW-14 (Duplicate)	12/27/2018	**0.120**	<0.0010	0.00150	0.00785	
MW-14	03/15/2019	**0.148**	<0.0010	0.00039 J	0.00174 J	Duplicate sample collected
MW-14 (Duplicate)	03/15/2019	**0.119**	<0.0010	<0.0010	0.00159 J	
MW-14	06/06/2019	**0.142**	0.000465 J	<0.0010	0.00197 J	Duplicate sample collected
MW-14 (Duplicate)	06/06/2019	**0.138**	<0.0010	<0.0010	0.00158 J	
MW-14	09/25/2019	**0.173**	<0.0010	<0.0010	<0.0030	Duplicate A sample collected
MW-14 (Duplicate)	09/25/2019	**0.170**	<0.0010	0.000401 J	<0.0030	
MW-14	12/16/2019	**0.0851**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	12/16/2019	**0.170**	<0.0010	0.000401 J	<0.0030	
MW-14	06/16/2020	**0.0398**	<0.0010	<0.0010	0.000367 J	Duplicate sample collected
MW-14 (Duplicate)	06/16/2020	**0.0395**	<0.0010	<0.0010	0.000351 J	
MW-14	09/23/2020	**0.00803**	<0.00100	<0.00100	0.000205 J	Duplicate A sample collected
MW-14 (Duplicate)	09/23/2020	**0.0075**	<0.00100	<0.00100	<0.00300	
MW-14	12/15/2020	**0.0120**	<0.00100	<0.00100	0.000458 J	Duplicate A sample collected
MW-14 (Duplicate)	12/15/2020	**0.0128**	<0.00100	<0.00100	0.000470 J	
MW-14	03/23/2021	**0.0111**	<0.00100	<0.00100	0.000379 J	Duplicate A sample collected
MW-14 (Duplicate)	03/23/2021	**0.0117**	<0.00100	<0.00100	0.000328 J	
MW-14	06/30/2021	0.00109	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	06/30/2021	0.000929 J	<0.00100	<0.00100	0.000328 J	
MW-14	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-14	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate B sample collected
MW-14 (Duplicate)	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-14	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	03/23/2005	<0.001	<0.002	<0.002	<0.006	
MW-15	06/08/2005	<0.001	<0.002	0.0034	<0.006	

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BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-15	09/14/2005	<0.002	<0.002	0.0022	<0.006	
MW-15	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-15	03/28/2006	<0.002	<0.002	0.0049	<0.006	
MW-15	06/21/2006	<0.002	<0.002	0.02	<0.006	
MW-15	09/27/2006	0.002	<0.002	<0.002	<0.006	
MW-15	12/20/2006	<0.002	<0.002	<0.002	<0.006	
MW-15	03/29/2007	0.0012	<0.002	0.0045	<0.006	
MW-15	06/27/2007	0.00042	<0.002	0.0014	<0.006	
MW-15	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-15	11/28/2007	<0.0012	<0.002	<0.002	<0.006	
MW-15	03/06/2008	<0.002	<0.002	<0.002	<0.006	
MW-15	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-15	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-15	05/26/2009	0.0024	<0.002	0.0413	<0.006	
MW-15	09/21/2009	0.0033	<0.002	0.0501	<0.006	
MW-15	12/20/2009	0.00093	<0.002	0.0137	<0.006	
MW-15	03/09/2010	0.0041	<0.002	0.099	-	
MW-15	06/14/2010	0.0055	<0.002	0.16	-	
MW-15	09/14/2010	0.00075	<0.002	0.0015	-	
MW-15	12/07/2010	<0.001	<0.002	0.0011	-	
MW-15	03/29/2011	<0.001	<0.002	0.0039	<0.002	
MW-15	06/21/2011	0.0048	<0.002	0.0124	<0.004	
MW-15	09/15/2011	0.0054	<0.002	0.0124	<0.004	
MW-15	12/06/2011	0.0053	<0.002	0.0106	<0.004	
MW-15	03/09/2012	0.0059	<0.002	0.0097	<0.004	Duplicate-1 sample collected
MW-15	06/06/2012	0.0041	<0.002	<0.002	<0.003	Duplicate sample collected
MW-15	09/06/2012	0.0033	<0.002	<0.002	<0.003	Duplicate-1 sample collected
MW-15	12/05/2012	0.0027	<0.002	<0.002	<0.003	Duplicate sample collected
MW-15	02/19/2013	0.002	<0.002	<0.002	<0.003	Duplicate A sample collected
MW-15	06/03/2013	0.0019	<0.002	<0.002	<0.003	
MW-15	09/10/2013	0.0022	<0.002	<0.002	<0.003	
MW-15	12/02/2013	0.0017	<0.002	<0.002	<0.003	
MW-15	02/27/2014	0.0021	<0.002	<0.002	<0.003	
MW-15	06/03/2014	0.0019	<0.002	<0.002	<0.003	
MW-15	09/22/2014	0.0027	<0.001	<0.001	<0.001	
MW-15	12/03/2014	0.0018	0.00031J	<0.001	<0.003	
MW-15	02/25/2015	0.0015	<0.001	0.0021	<0.003	
MW-15	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	03/23/2016	0.001	<0.0010	<0.0010	<0.0030	
MW-15	06/23/2016	0.0011	<0.0010	<0.0010	<0.0030	
MW-15	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15 (Duplicate)	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-15	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-15	03/09/2017	<0.0010	<0.0010	0.0018	<0.0010	
MW-15	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-15	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	12/20/2017	0.000362 J	<0.0010	<0.0010	<0.0030	
MW-15	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	03/14/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-15	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	03/23/2005	<0.001	<0.002	<0.002	<0.006	
MW-16	06/08/2005	<0.001	<0.002	<0.002	<0.006	
MW-16	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-16	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-16	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	12/20/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	03/29/2007	0.00043	<0.002	<0.002	<0.006	
MW-16	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-16	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-16	11/28/2007	<0.0012	<0.002	<0.002	<0.006	
MW-16	03/06/2008	<0.002	<0.002	<0.002	<0.006	
MW-16	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-16	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	03/09/2010	<0.001	<0.002	0.0028	-	
MW-16	06/14/2010	<0.001	<0.002	<0.30	-	
MW-16	09/14/2010	<0.001	<0.002	<0.00030	-	
MW-16	12/07/2010	<0.001	<0.002	<0.00030	-	
MW-16	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-16	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-16	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-16	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-16	09/23/2014	<0.001	<0.001	<0.001	<0.001	MS/MSD Collected
MW-16	12/03/2014	<0.001	<0.001	<0.001	<0.003	MS/MSD Collected
MW-16	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	

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BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-16	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-17	02/27/2014	LNAPL				Sampled Annually
MW-17	06/03/2014	LNAPL				Sampled Annually
MW-17	09/24/2014	LNAPL				Annual Event
MW-17	12/03/2014	LNAPL				Sampled Annually
MW-17	06/03/2015	LNAPL				Sampled Annually
MW-17	09/01/2015	LNAPL				Annual Event
MW-17	12/16/2015	LNAPL				Sampled Annually
MW-17	03/24/2016	LNAPL				Sampled Annually
MW-17	06/23/2016	LNAPL				Sampled Annually
MW-17	09/28/2016	LNAPL				Annual Event
MW-17	12/21/2016	LNAPL				Sampled Annually
MW-17	03/09/2017	LNAPL				Sampled Annually
MW-17	06/21/2017	LNAPL				Sampled Annually
MW-17	09/26/2017	LNAPL				Annual Event
MW-17	12/20/2017	LNAPL				Sampled Annually
MW-17	03/13/2018	LNAPL				Sampled Annually
MW-17	06/26/2018	LNAPL				Sampled Annually
MW-17	09/11/2018	LNAPL				Annual Event
MW-17	09/24/2019	LNAPL				Annual Event
MW-17	09/23/2020	Not Measured				Passive Bailer in Well
MW-17	12/15/2020	Not Measured				Passive Bailer in Well
MW-17	03/23/2021	Sampled Annually During Third Quarter				Passive Bailer in Well
MW-17	06/29/2021	Sampled Annually During Third Quarter				Passive Bailer in Well
MW-17	09/20/2021	Not Sampled - LNAPL				Passive Bailer in Well
MW-17	12/14/2021	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 0.15'
MW-17	03/22/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; No LNAPL
MW-18	06/21/2006	**0.013**	0.0017	0.031	0.023	
MW-18	06/27/2007	**0.0214**	0.0016	0.0475	0.0178	
MW-18	12/02/2008	**0.0216**	<0.002	0.0221	0.0183	
MW-18	09/21/2009	**0.0445**	<0.002	0.0297	0.0264	
MW-18	02/27/2014	LNAPL				Sampled Annually
MW-18	06/03/2014	LNAPL				Sampled Annually
MW-18	09/24/2014	LNAPL				Annual Event
MW-18	12/03/2014	LNAPL				Sampled Annually
MW-18	06/03/2015	LNAPL				Sampled Annually
MW-18	09/01/2015	LNAPL				Annual Event
MW-18	12/16/2015	LNAPL				Sampled Annually
MW-18	03/24/2016	NS	NS	NS	NS	Sampled Annually
MW-18	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-18	09/28/2016	LNAPL				Annual Event
MW-18	12/21/2016	LNAPL				Sampled Annually
MW-18	03/09/2017	LNAPL				Sampled Annually
MW-18	06/21/2017	LNAPL				Sampled Annually
MW-18	09/26/2017	LNAPL				Annual Event

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-18	12/20/2017	NS	NS	NS	NS	Sampled Annually
MW-18	03/13/2018	NS	NS	NS	NS	Sampled Annually
MW-18	06/26/2018	NS	NS	NS	NS	Sampled Annually
MW-18	09/11/2018	**0.0110**	<0.0010	0.000602 J	<0.0030	Annual Event
MW-18	09/25/2019	**0.0217**	<0.0010	<0.0010	<0.0030	Annual Event
MW-18	09/23/2020	**0.0196**	<0.00100	<0.00100	<0.00300	Annual Event
MW-18	12/15/2020	Sampled Annually During Third Quarter				
MW-18	03/23/2021	Sampled Annually During Third Quarter				
MW-18	06/29/2021	Sampled Annually During Third Quarter				
MW-18	09/21/2021	0.00294	<0.00100	<0.00100	<0.00300	
MW-18	12/14/2021	Sampled Annually During Third Quarter				
MW-18	03/22/2022	Sampled Annually During Third Quarter				
MW-19	03/23/2005	0.0019	<0.002	<0.002	<0.006	
MW-19	06/08/2005	0.0012	0.072	<0.002	<0.006	
MW-19	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-19	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-19	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-19	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-19	12/20/2006	0.0007	<0.002	<0.002	<0.006	
MW-19	03/29/2007	0.00075	<0.002	<0.002	<0.006	
MW-19	06/27/2007	0.00071	<0.002	<0.002	<0.006	
MW-19	09/06/2007	0.00053	<0.002	<0.002	<0.006	
MW-19	11/28/2007	0.00054	<0.002	<0.002	<0.006	
MW-19	03/06/2008	0.00054	<0.002	<0.002	<0.006	
MW-19	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-19	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	03/09/2010	0.0009	<0.002	<1.0	-	
MW-19	06/14/2010	0.00051	<0.002	<0.30	-	
MW-19	09/14/2010	0.00036	<0.002	<0.002	-	
MW-19	12/07/2010	<0.001	<0.002	0.00068	-	
MW-19	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-19	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-19	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-19	09/23/2014	<0.001	<0.001	<0.001	<0.001	
MW-19	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-19	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-19	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-19	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-19	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/05/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/17/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	12/14/2021	<0.00100	<0.00100	0.000207 J	<0.00300	
MW-19	03/22/2022	<0.00100	<0.00100	0.000372 J	<0.00300	
MW-19S	09/27/2006	<0.23	<0.54	<0.48	<1.1	
MW-19S	Well Removed From Sampling Plan					
MW-19D	03/23/2005	0.00073	<0.002	<0.002	<0.006	
MW-19D	06/08/2005	0.0011	0.0012	<0.002	<0.006	
MW-19D	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-19D	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-19D	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-19D	06/21/2006	0.0011	<0.002	<0.002	<0.006	
MW-19D	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-19D	12/20/2006	0.0018	<0.002	0.00074	<0.006	
MW-19D	03/29/2007	0.0007	<0.002	<0.002	<0.006	
MW-19D	06/27/2007	0.00074	<0.002	<0.002	<0.006	
MW-19D	09/06/2007	0.00072	<0.002	<0.002	<0.006	
MW-19D	11/28/2007	0.00093	<0.002	<0.002	<0.006	
MW-19D	03/06/2008	0.001	<0.002	<0.002	<0.006	
MW-19D	12/02/2008	0.0016	<0.002	<0.002	<0.006	
MW-19D	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-19D	05/26/2009	0.00074	<0.002	<0.002	<0.006	
MW-19D	09/21/2009	0.0011	<0.002	<0.002	<0.006	
MW-19D	12/20/2009	0.0009	<0.002	<0.002	<0.006	
MW-19D	03/09/2010	0.0009	<0.002	<0.002	-	
MW-19D	06/14/2010	0.00037	<0.002	<0.002	-	
MW-19D	09/14/2010	0.00086	<0.002	<0.002	-	
MW-19D	12/07/2010	0.00085	<0.002	<0.002	-	
MW-19D	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19D	06/21/2011	.0006 J	<0.002	<0.002	<0.004	
MW-19D	09/15/2011	0.0014	<0.002	<0.002	<0.004	
MW-19D	12/06/2011	0.0015	<0.002	<0.002	<0.004	
MW-19D	03/09/2012	0.0015	<0.002	<0.002	<0.004	Duplicate-2 sample collected
MW-19D	06/06/2012	0.00079	<0.002	<0.002	<0.003	
MW-19D	09/06/2012	0.00072	<0.002	<0.002	<0.003	Duplicate-2 sample collected
MW-19D	12/05/2012	0.003	<0.002	0.00069	<0.003	
MW-19D	02/19/2013	0.0086	<0.002	0.0045	<0.003	Duplicate B sample collected
MW-19D	06/03/2013	0.00073	<0.002	0.0064	<0.003	
MW-19D	09/10/2013	0.00054	<0.002	0.00087	<0.003	Duplicate B sample collected
MW-19D	12/02/2013	0.00057	<0.002	<0.002	<0.003	
MW-19D	02/27/2014	0.00059 J	<0.002	<0.002	<0.003	
MW-19D	06/03/2014	0.0022	<0.002	<0.002	<0.003	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-19D	09/23/2014	0.0076	<0.001	0.0022	<0.001	
MW-19D	12/03/2014	0.0054	<0.001	0.0042	<0.003	
MW-19D	02/25/2015	<0.001	<0.001	0.0031	<0.003	
MW-19D	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-19D	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-19D	12/16/2015	0.0065	<0.001	<0.001	<0.003	
MW-19D	03/23/2016	0.013	<0.0010	0.0057	<0.0030	
MW-19D	06/23/2016	**0.048**	<0.0010	0.0096	<0.0030	
MW-19D	09/29/2016	**0.046**	<0.0050	0.016	<0.015	
MW-19D	12/21/2016	**0.11**	<0.0010	0.0036	<0.0010	
MW-19D	03/09/2017	**0.09**	<0.0010	0.0036	<0.0010	
MW-19D	06/21/2017	**0.19**	<0.0010	0.024	0.0013	
MW-19D	09/26/2017	**0.23**	<0.0010	0.0619	<0.0030	
MW-19D	12/20/2017	**0.309**	<0.0050	0.0981	<0.0150	
MW-19D	03/13/2018	**0.445**	<0.0050	0.0712	<0.0150	
MW-19D	06/27/2018	**0.318**	<0.0050	0.0623	<0.0150	
MW-19D	09/11/2018	**0.299**	<0.0050	0.0582	<0.0150	
MW-19D	12/27/2018	**0.167**	<0.0010	0.0436	<0.0030	
MW-19D	03/15/2019	**0.0788**	<0.0010	0.0254	<0.0030	
MW-19D	06/05/2019	**0.0792**	<0.0010	0.0198	<0.0030	
MW-19D	09/25/2019	**0.732**	0.00623	0.105	0.00659 J	
MW-19D (Duplicate)	09/25/2019	**0.156**	<0.0010	0.0239	<0.0030	Duplicate B sample collected
MW-19D	12/16/2019	**0.0129**	<0.0010	0.00759	<0.0030	
MW-19D	06/17/2020	0.00318	<0.0010	0.00169	0.000256 J	
MW-19D	09/23/2020	**0.302**	<0.00100	0.0441	0.000924 J	Duplicate B sample collected
MW-19D (Duplicate)	09/23/2020	**0.282**	<0.00100	0.0442	0.000849 J	
MW-19D	12/15/2020	**0.316**	<0.00100	0.0466	0.000605 J	
MW-19D	03/23/2021	**0.539**	<0.0100	0.112	0.00237 J	
MW-19D (Duplicate)	03/23/2021	**0.542**	<0.0100	0.112	<0.0300	Duplicate B sample collected
MW-19D	06/30/2021	**0.514**	<0.0100	0.123	0.00237 J	
MW-19D (Duplicate)	06/30/2021	**0.609**	<0.0100	0.0970 J	<0.0300	Duplicate B sample collected
MW-19D	09/21/2021	**0.673**	<0.00500	0.133	0.00221 J	Duplicate B sample collected
MW-19D (Duplicate)	09/21/2021	**0.673**	<0.00500	0.151	0.00251 J	
MW-19D	12/14/2021	**0.545**	<0.0250	0.140	<0.0750	Duplicate A sample collected
MW-19D (Duplicate)	12/14/2021	**0.442**	<0.001	0.143	0.00474	
MW-19D	03/22/2022	**0.386**	<0.0250	0.0964	0.00676 J	Duplicate B sample collected
MW-19D (Duplicate)	03/22/2022	**0.455**	0.000282 J	0.125	0.00904	
MW-20	03/23/2005	<0.001	<0.002	<0.002	<0.006	
MW-20	06/08/2005	<0.001	<0.002	<0.002	<0.006	
MW-20	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-20	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-20	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-20	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-20	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-20	12/20/2006	0.00028	<0.002	<0.002	<0.006	
MW-20	03/29/2007	<0.002	<0.002	<0.002	<0.006	
MW-20	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-20	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-20	11/28/2007	<0.002	<0.002	<0.002	<0.006	
MW-20	03/06/2008	<0.002	<0.002	<0.002	<0.006	
MW-20	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-20	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-20	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-20	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-20	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-20	03/09/2010	<0.001	<0.002	<0.002	-	
MW-20	06/14/2010	<0.001	<0.002	<0.002	-	
MW-20	09/14/2010	<0.001	<0.002	<0.002	-	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-20	12/07/2010	<0.001	<0.002	<0.002	-	
MW-20	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-20	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-20	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-20	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-20	03/09/2012	0.00033	<0.002	<0.002	<0.004	
MW-20	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-20	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-20	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-20	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-20	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-20	09/23/2014	<0.001	<0.001	<0.001	<0.001	
MW-20	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-20	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/29/2016	0.0013	<0.0010	<0.0010	<0.0030	
MW-20	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/18/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/23/2020	0.000116 J	<0.00100	<0.00100	<0.00300	
MW-20	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	09/20/2021	0.0000970 J	<0.00100	<0.00100	<0.00300	
MW-20	12/14/2021	0.000229 J	<0.00100	<0.00100	<0.00300	
MW-20	03/22/2022	0.000212 J	<0.00100	<0.00100	<0.00300	
MW-21	03/23/2005	<0.001	<0.002	<0.002	<0.006	
MW-21	06/08/2005	<0.001	<0.002	<0.002	<0.006	
MW-21	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-21	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-21	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-21	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-21	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-21	12/20/2006	<0.002	<0.002	<0.002	<0.006	
MW-21	03/29/2007	<0.002	<0.002	<0.002	<0.006	
MW-21	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-21	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-21	11/28/2007	<0.00023	<0.002	<0.002	<0.006	
MW-21	03/06/2008	<0.002	<0.002	<0.002	<0.006	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-21	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-21	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	03/09/2010	<0.001	<0.002	<0.002	-	
MW-21	06/14/2010	<0.001	<0.002	<0.002	-	
MW-21	09/14/2010	<0.001	<0.002	<0.002	-	
MW-21	12/07/2010	<0.001	<0.002	<0.002	-	
MW-21	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-21	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-21	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-21	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-21	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-21	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-21	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-21	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-21	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-21	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-21	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-21	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-21	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	09/26/2017	<0.0010	<0.0010	0.00101	0.00743	
MW-21	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/17/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	03/23/2021	<0.00100	<0.00100	<0.00100	0.000230 J	
MW-21	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	03/23/2005	0.0013	<0.002	<0.001	<0.006	
MW-22	06/08/2005	<0.001	0.0025	0.0073	<0.006	
MW-22	09/14/2005	0.0066	<0.002	<0.002	<0.006	
MW-22	12/13/2005	0.0059	<0.002	<0.002	<0.006	
MW-22	03/28/2006	0.006	<0.002	<0.002	<0.006	
MW-22	06/21/2006	0.0034	<0.002	<0.002	<0.006	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-22	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-22	12/20/2006	0.00089	<0.002	<0.002	<0.006	
MW-22	03/29/2007	0.00067	<0.002	<0.002	<0.006	
MW-22	06/27/2007	0.00076	<0.002	<0.002	<0.006	
MW-22	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-22	11/28/2007	0.001	<0.002	<0.002	<0.006	
MW-22	03/06/2008	0.0015	<0.002	<0.002	<0.006	
MW-22	12/02/2008	0.0064	<0.002	<0.002	<0.006	
MW-22	03/09/2009	0.0048	<0.002	<0.002	<0.006	
MW-22	05/26/2009	0.0046	<0.002	<0.002	<0.006	
MW-22	09/21/2009	0.0026	<0.002	<0.002	<0.006	
MW-22	12/20/2009	0.0028	<0.002	<0.002	<0.006	
MW-22	03/29/2011	0.0034	<0.002	<0.002	0.0022	
MW-22	06/21/2011	0.0041	<0.002	.0005 J	<0.004	
MW-22	09/15/2011	0.0037	<0.002	<0.002	<0.004	
MW-22	12/06/2011	0.0028	<0.002	<0.002	<0.004	
MW-22	03/09/2012	0.0034	<0.002	0.00046	<0.004	
MW-22	06/06/2012	0.0031	<0.002	0.00045	<0.003	
MW-22	09/06/2012	0.0021	<0.002	<0.002	<0.003	
MW-22	12/05/2012	0.0033	<0.002	0.00055	0.0031	
MW-22	02/19/2013	0.0046	<0.002	0.0011	0.0043	
MW-22	06/03/2013	0.0054	<0.002	0.001	0.0046	
MW-22	09/10/2013	0.0097	<0.002	0.0029	0.0058	
MW-22	12/02/2013	0.0087	<0.002	0.00084	0.0054	
MW-22	02/27/2014	**0.0122**	<0.002	0.00088 J	0.0061	
MW-22	06/03/2014	**0.0245**	<0.002	0.0010 J	0.0055	
MW-22	09/23/2014	**0.0626**	<0.001	0.0019	0.0092	Duplicate B Sample Collected
MW-22 (Duplicate)	09/23/2014	**0.062**	<0.001	0.0029	0.0086	
MW-22	12/03/2014	**0.0764**	<0.001	0.0015	0.0089	
MW-22	02/25/2015	**0.092**	<0.001	<0.001	0.0084	
MW-22	06/03/2015	**0.11**	<0.001	<0.001	0.0067	
MW-22	09/01/2015	**0.13**	<0.001	<0.001	0.0063	
MW-22	12/17/2015	**0.13**	<0.001	0.0015	0.0063	
MW-22	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/29/2016	0.0015	<0.0010	<0.0010	<0.0030	
MW-22	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-22	03/09/2017	**0.25**	<0.0010	0.01	0.0048	
MW-22	06/21/2017	**0.14**	<0.0010	0.0064	0.0038	
MW-22	09/26/2017	<0.0050	<0.0050	<0.0050	<0.0150	
MW-22	12/20/2017	0.000987 J	<0.0010	<0.0010	<0.0030	
MW-22	03/13/2018	**0.109**	<0.0010	0.013	0.00168 J	
MW-22	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/11/2018	<0.0010	<0.0010	0.000433 J	<0.0030	
MW-22	12/27/2018	**0.0248**	<0.0010	0.00642	<0.0030	
MW-22	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	06/05/2019	**0.0228**	<0.0010	0.00968	0.00125 J	
MW-22	09/25/2019	0.00971	<0.0010	0.0875	0.00678	
MW-22	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	06/17/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	12/15/2020	Not Sampled - Insufficent Volume				
MW-22	03/23/2021	Not Sampled - Insufficent Volume				
MW-22	06/30/2021	0.000515 J	<0.00100	0.00180	0.00164 J	
MW-22	09/20/2021	Not Sampled - Insufficent Volume				
MW-22	12/13/2021	Not Sampled - Insufficent Volume				
MW-22	03/22/2022	Not Sampled - Insufficent Volume				
MW-23	12/02/2008	<0.002	<0.002	<0.002	<0.006	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-23	03/09/2009	0.00049	<0.002	<0.002	<0.006	
MW-23	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	03/09/2010	<0.001	<0.002	<0.002	-	
MW-23	06/14/2010	<0.001	<0.002	<0.002	-	
MW-23	09/14/2010	<0.001	<0.002	<0.002	-	
MW-23	12/07/2010	<0.001	<0.002	<0.002	-	
MW-23	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-23	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-23	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-23	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-23	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-23	12/03/2014	0.0016	<0.001	0.00086 J	<0.003	
MW-23	02/25/2015	0.0084	<0.005	<0.005	<0.015	
MW-23	06/03/2015	0.0011	<0.001	<0.001	<0.003	
MW-23	09/01/2015	0.0015	<0.001	<0.001	<0.003	
MW-23	12/16/2015	0.0015	<0.001	<0.001	<0.003	
MW-23	03/23/2016	0.0014	<0.0010	0.0054	<0.0030	
MW-23	06/23/2016	**0.013**	<0.0010	0.012	0.0062	
MW-23	09/29/2016	**0.039**	<0.0050	0.02	<0.015	
MW-23	12/21/2016	0.0011	<0.0010	0.0015	0.0014	
MW-23	03/09/2017	<0.0010	<0.0010	0.0015	0.001	
MW-23	06/21/2017	0.0063	<0.0010	0.015	0.0082	
MW-23	09/26/2017	0.005	<0.0010	0.0111	0.00587	
MW-23	12/20/2017	0.00164	<0.0010	0.00827	0.00275 J	
MW-23	03/13/2018	0.00348	<0.0010	0.0097	0.0024 J	
MW-23	06/27/2018	0.00644	<0.0010	0.0125	0.00198 J	
MW-23	09/11/2018	0.00447	<0.0010	0.00597	0.00131 J	
MW-23	12/27/2018	**0.0352**	0.00414J	0.0287	0.00282J	
MW-23	03/15/2019	**0.0223**	<0.0010	0.0109	<0.0030	
MW-23	06/06/2019	0.00502	<0.0010	0.0062	<0.0030	
MW-23	09/25/2019	0.00233	<0.0010	0.00378	<0.0030	
MW-23	12/16/2019	0.00164	<0.0010	0.00289	<0.0030	
MW-23	06/16/2020	0.00889	<0.0010	0.00513	0.00218 J	
MW-23	09/23/2020	**0.0352**	0.000416 J	0.0234	0.00535	
MW-23	12/15/2020	**0.0487**	0.000309 J	0.0201	0.00652	
MW-23	03/23/2021	**0.0185**	<0.00100	0.0205	0.00294 J	
MW-23	06/29/2021	**0.0490**	0.000303 J	0.0248	0.00631	
MW-23	09/21/2021	**0.0947**	0.000403 J	0.0383	0.0109	
MW-23	12/14/2021	**0.0256**	<0.00100	0.0114	0.00340	
MW-23	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-24	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	03/09/2010	<0.001	<0.002	<0.002	-	

APPENDIX A
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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-24	06/14/2010	<0.001	<0.002	<0.002	-	
MW-24	09/14/2010	<0.001	<0.002	<0.002	-	
MW-24	12/07/2010	<0.001	<0.002	<0.002	-	
MW-24	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-24	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-24	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-24	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-24	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-24	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-24	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-24	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-24	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-24	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-24	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-24	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-24	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/27/2018	0.000463 J	<0.0010	<0.0010	<0.0030	
MW-24	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-25	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	03/09/2010	<0.001	<0.002	<0.002	-	
MW-25	06/14/2010	<0.001	<0.002	<0.002	-	
MW-25	09/14/2010	<0.001	<0.002	<0.002	-	
MW-25	12/07/2010	<0.001	<0.002	<0.002	-	
MW-25	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-25	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-25	09/15/2011	<0.001	<0.002	<0.002	<0.004	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-25	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-25	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-25	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-25	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-25	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-25	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-25	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-26	12/16/2019	0.00845	<0.0010	0.00135	0.00126 J	
MW-26	06/17/2020	**0.0313**	<0.0010	0.00873	0.00904	
MW-26	09/23/2020	NS	NS	NS	NS	
MW-26	12/15/2020	**0.0776**	<0.00100	0.0148	0.0214	
MW-26	03/23/2021	**0.186**	<0.00500	0.039	0.0527	
MW-26	06/29/2021	**0.225**	<0.00500	0.0367	0.0458	
MW-26	09/20/2021	NS	NS	NS	NS	
MW-26	12/14/2021	**0.141**	<0.00100	0.0284	0.0324	
MW-26	03/22/2022	**0.173**	<0.00100	0.0540	0.0665	
MW-27	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-27	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-27	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-27	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-27	09/23/2020	0.0000997 J	<0.00100	<0.00100	<0.00300	
MW-27	12/15/2020	0.000109 J	<0.00100	<0.00100	<0.00300	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-27	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	09/20/2021	0.0000970 J	<0.00100	<0.00100	<0.00300	
MW-27	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	03/22/2022	0.000137 J	<0.00100	<0.00100	<0.00300	
MW-28	06/06/2019	0.0022	<0.0010	0.000416 J	<0.0030	
MW-28	09/25/2019	0.00298	<0.0010	0.000902 J	<0.0030	
MW-28	12/16/2019	0.00263	<0.0010	0.000819 J	<0.0030	
MW-28	06/16/2020	0.003	<0.0010	0.00185	0.00261 J	
MW-28	09/23/2020	0.00444	<0.00100	0.00115	0.000675 J	
MW-28	12/15/2020	0.00428	<0.00100	0.000946 J	0.000429 J	
MW-28	03/23/2021	0.00484	<0.00100	0.00194	0.000607 J	
MW-28	06/29/2021	0.00409	<0.00100	0.00186	0.000344 J	
MW-28	09/20/2021	0.00412	<0.00100	0.00189	0.000549 J	
MW-28	12/14/2021	0.00441	<0.00100	0.00269	0.000631 J	
MW-28	03/22/2022	0.00315	<0.00100	0.00217	0.000527 J	
MW-29	06/06/2019	0.00902	<0.0010	0.000403 J	<0.0030	
MW-29	09/25/2019	**0.0253**	<0.0010	<0.0010	<0.0030	
MW-29	12/16/2019	**0.0507**	<0.0010	0.00180	<0.0030	
MW-29	06/18/2020	0.00168	<0.0010	<0.0010	<0.0030	
MW-29	09/23/2020	**0.103**	<0.00100	0.00732	0.00514	
MW-29	12/15/2020	**0.144**	<0.00100	0.00193	0.00264 J	
MW-29	03/23/2021	**0.282**	0.000392 J	0.0193	0.0233	
MW-29	06/29/2021	**0.0735**	0.000392 J	0.00176	0.00250 J	
MW-29	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-29	12/14/2021	0.000123 J	<0.00100	<0.00100	<0.00300	
MW-29	03/22/2022	0.000161 J	<0.00100	<0.00100	<0.00300	
Trip Blank	06/03/2014	<0.001	<0.002	<0.002	<0.003	
Trip Blank	09/22/2014	<0.001	<0.001	<0.001	<0.001	
Trip Blank	12/03/2014	<0.001	<0.001	<0.001	<0.003	
Trip Blank	02/25/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	06/03/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	09/01/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	12/16/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
Trip Blank	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
Trip Blank	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
Trip Blank	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	09/25/2019	NM	NM	NM	NM	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
Trip Blank	12/17/2019	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	09/22/2020	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	12/15/2020	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	03/23/2021	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/30/2021	0.00203	<0.0010	<0.0010	<0.0030	
Trip Blank	09/21/2021	0.000228 J	<0.00100	<0.00100	<0.00300	
Trip Blank	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	

Notes:

Bold red values indicate an exceedance of the NMWQCC groundwater standards for the Site.

NMWQCC = New Mexico Water Quality Control Commission

LNAPL = Light Non-Aqueous Phase Liquid

J = A qualifier indicating an estimated value of a concentration above the laboratory's Method Detection Limit (MDL) but below the Reported Detection Limit (RDL).

NS = Not Sampled

NM - Not Measured

mg/L = milligrams per liter

Appendix B

Laboratory Analytical Report

- Pace Job #: L1474528

ANALYTICAL REPORT

March 31, 2022

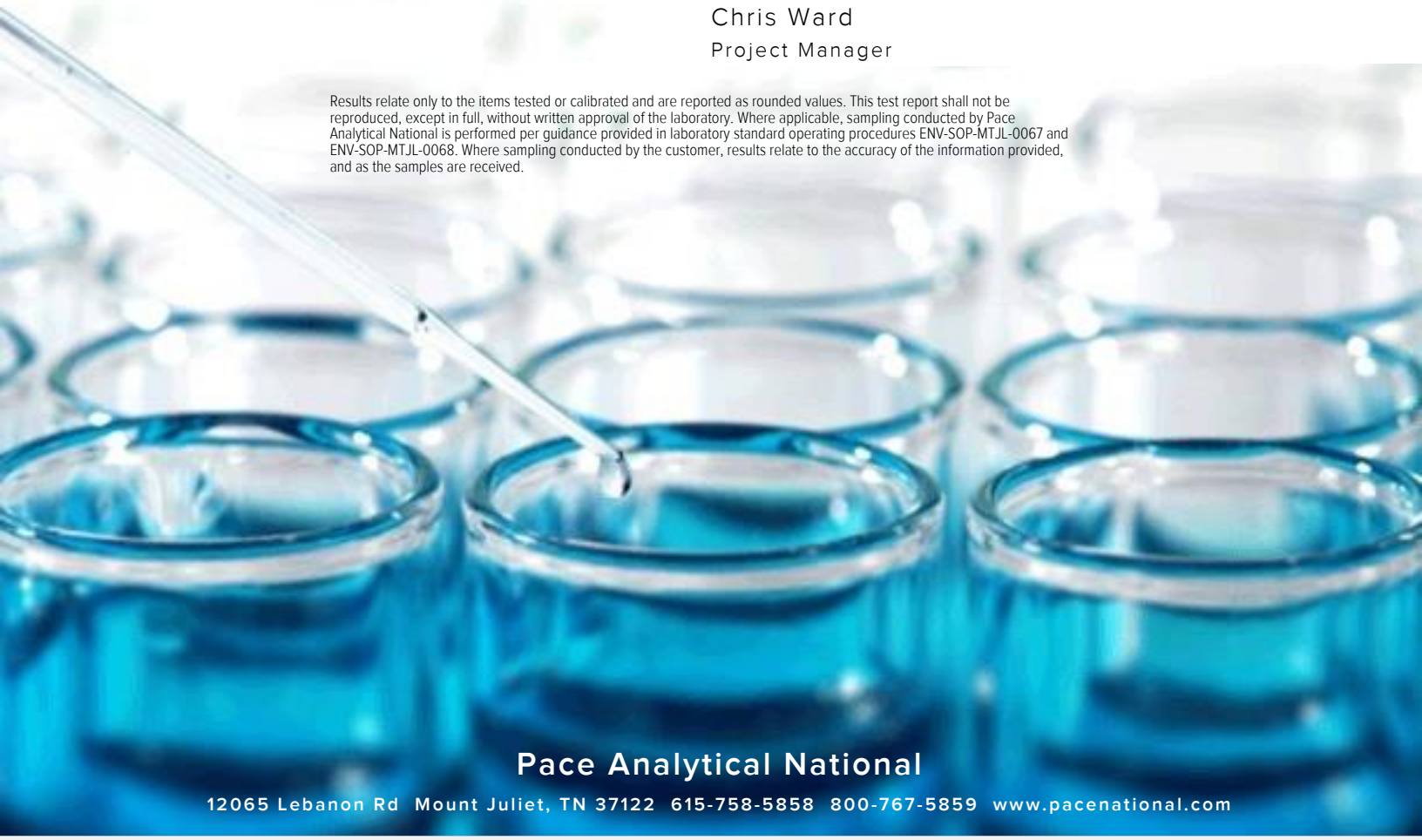
DCP Midstream - Tasman

Sample Delivery Group:	L1474528
Samples Received:	03/23/2022
Project Number:	
Description:	Former Hobbs Booster Station

Report To: Kyle Norman
2620 W. Marland Blvd
Hobbs, NM 88240

Entire Report Reviewed By: Chris Ward

Chris Ward
Project Manager



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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MW-14 L1474528-01 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 12:08 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838465	1	03/26/22 02:32	03/26/22 02:32	JAH	Mt. Juliet, TN

MW-15 L1474528-02 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 12:25 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838465	1	03/26/22 02:52	03/26/22 02:52	JAH	Mt. Juliet, TN

MW-16 L1474528-03 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 13:20 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838465	1	03/26/22 03:12	03/26/22 03:12	JAH	Mt. Juliet, TN

MW-19 L1474528-04 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 09:50 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838465	1	03/26/22 03:33	03/26/22 03:33	JAH	Mt. Juliet, TN

MW-19D L1474528-05 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 10:15 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838465	25	03/26/22 06:36	03/26/22 06:36	JAH	Mt. Juliet, TN

MW-20 L1474528-06 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 09:30 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838465	1	03/26/22 03:53	03/26/22 03:53	JAH	Mt. Juliet, TN

MW-21 L1474528-07 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 10:35 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838465	1	03/26/22 04:13	03/26/22 04:13	JAH	Mt. Juliet, TN

MW-23 L1474528-08 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 11:45 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838465	1	03/26/22 04:34	03/26/22 04:34	JAH	Mt. Juliet, TN

MW-24 L1474528-09 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 11:05 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838465	1	03/26/22 04:55	03/26/22 04:55	JAH	Mt. Juliet, TN

MW-25 L1474528-10 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 11:25 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838465	1	03/26/22 05:15	03/26/22 05:15	JAH	Mt. Juliet, TN

MW-26 L1474528-11 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 14:20 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838465	1	03/26/22 05:35	03/26/22 05:35	JAH	Mt. Juliet, TN

MW-27 L1474528-12 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 08:15 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838465	1	03/26/22 05:56	03/26/22 05:56	JAH	Mt. Juliet, TN

MW-29 L1474528-13 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 09:00 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838465	1	03/26/22 06:16	03/26/22 06:16	JAH	Mt. Juliet, TN

DUPLICATE A L1474528-14 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 00:00 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838593	1	03/26/22 03:17	03/26/22 03:17	BMB	Mt. Juliet, TN

DUPLICATE B L1474528-15 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 00:00 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838593	1	03/26/22 00:04	03/26/22 00:04	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1840789	20	03/30/22 19:43	03/30/22 19:43	BMB	Mt. Juliet, TN

MW 28 L1474528-16 GW

Collected by: Becky Griffin | Collected date/time: 03/22/22 07:45 | Received date/time: 03/23/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838593	1	03/26/22 00:23	03/26/22 00:23	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1840789	1	03/30/22 19:23	03/30/22 19:23	BMB	Mt. Juliet, TN

SAMPLE SUMMARY

TRIP BLANK L1474528-17 GW

			Collected by	Collected date/time	Received date/time	
			Becky Griffin	03/22/22 14:30	03/23/22 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1838593	1	03/25/22 23:06	03/25/22 23:06	BMB	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris Ward
Project Manager

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/26/2022 02:32	WG1838465
Toluene	U		0.000278	0.00100	1	03/26/2022 02:32	WG1838465
Ethylbenzene	U		0.000137	0.00100	1	03/26/2022 02:32	WG1838465
Total Xylenes	U		0.000174	0.00300	1	03/26/2022 02:32	WG1838465
(S) Toluene-d8	*104*			*80.0-120*		*03/26/2022 02:32*	WG1838465
(S) 4-Bromofluorobenzene	*99.4*			*77.0-126*		*03/26/2022 02:32*	WG1838465
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*03/26/2022 02:32*	WG1838465

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/26/2022 02:52	WG1838465
Toluene	U		0.000278	0.00100	1	03/26/2022 02:52	WG1838465
Ethylbenzene	U		0.000137	0.00100	1	03/26/2022 02:52	WG1838465
Total Xylenes	U		0.000174	0.00300	1	03/26/2022 02:52	WG1838465
(S) Toluene-d8	*104*			*80.0-120*		*03/26/2022 02:52*	WG1838465
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*03/26/2022 02:52*	WG1838465
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*03/26/2022 02:52*	WG1838465

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/26/2022 03:12	WG1838465
Toluene	U		0.000278	0.00100	1	03/26/2022 03:12	WG1838465
Ethylbenzene	U		0.000137	0.00100	1	03/26/2022 03:12	WG1838465
Total Xylenes	U		0.000174	0.00300	1	03/26/2022 03:12	WG1838465
(S) Toluene-d8	*104*			*80.0-120*		*03/26/2022 03:12*	WG1838465
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*03/26/2022 03:12*	WG1838465
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*03/26/2022 03:12*	WG1838465

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/26/2022 03:33	WG1838465
Toluene	U		0.000278	0.00100	1	03/26/2022 03:33	WG1838465
Ethylbenzene	0.000372	J	0.000137	0.00100	1	03/26/2022 03:33	WG1838465
Total Xylenes	U		0.000174	0.00300	1	03/26/2022 03:33	WG1838465
(S) Toluene-d8	*105*			*80.0-120*		*03/26/2022 03:33*	WG1838465
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*03/26/2022 03:33*	WG1838465
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*03/26/2022 03:33*	WG1838465

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.386		0.00235	0.0250	25	03/26/2022 06:36	WG1838465
Toluene	U		0.00695	0.0250	25	03/26/2022 06:36	WG1838465
Ethylbenzene	0.0964		0.00343	0.0250	25	03/26/2022 06:36	WG1838465
Total Xylenes	0.00676	J	0.00435	0.0750	25	03/26/2022 06:36	WG1838465
(S) Toluene-d8	*107*			*80.0-120*		*03/26/2022 06:36*	WG1838465
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*03/26/2022 06:36*	WG1838465
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*03/26/2022 06:36*	WG1838465

Sample Narrative:

L1474528-05 WG1838465: Target and Non-target compounds too high to run at a lower dilution.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000212	J	0.0000941	0.00100	1	03/26/2022 03:53	WG1838465
Toluene	U		0.000278	0.00100	1	03/26/2022 03:53	WG1838465
Ethylbenzene	U		0.000137	0.00100	1	03/26/2022 03:53	WG1838465
Total Xylenes	U		0.000174	0.00300	1	03/26/2022 03:53	WG1838465
(S) Toluene-d8	*105*			*80.0-120*		*03/26/2022 03:53*	WG1838465
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*		*03/26/2022 03:53*	WG1838465
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*03/26/2022 03:53*	WG1838465

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/26/2022 04:13	WG1838465
Toluene	U		0.000278	0.00100	1	03/26/2022 04:13	WG1838465
Ethylbenzene	U		0.000137	0.00100	1	03/26/2022 04:13	WG1838465
Total Xylenes	U		0.000174	0.00300	1	03/26/2022 04:13	WG1838465
(S) Toluene-d8	*105*			*80.0-120*		*03/26/2022 04:13*	WG1838465
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*03/26/2022 04:13*	WG1838465
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*03/26/2022 04:13*	WG1838465

MW-23
Collected date/time: 03/22/22 11:45
L1474528

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/26/2022 04:34	WG1838465
Toluene	U		0.000278	0.00100	1	03/26/2022 04:34	WG1838465
Ethylbenzene	U		0.000137	0.00100	1	03/26/2022 04:34	WG1838465
Total Xylenes	U		0.000174	0.00300	1	03/26/2022 04:34	WG1838465
(S) Toluene-d8	*106*			*80.0-120*		*03/26/2022 04:34*	WG1838465
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*03/26/2022 04:34*	WG1838465
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*03/26/2022 04:34*	WG1838465

MW-24
Collected date/time: 03/22/22 11:05
L1474528

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/26/2022 04:55	WG1838465
Toluene	U		0.000278	0.00100	1	03/26/2022 04:55	WG1838465
Ethylbenzene	U		0.000137	0.00100	1	03/26/2022 04:55	WG1838465
Total Xylenes	U		0.000174	0.00300	1	03/26/2022 04:55	WG1838465
(S) Toluene-d8	*106*			*80.0-120*		*03/26/2022 04:55*	WG1838465
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*		*03/26/2022 04:55*	WG1838465
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*03/26/2022 04:55*	WG1838465

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/26/2022 05:15	WG1838465
Toluene	U		0.000278	0.00100	1	03/26/2022 05:15	WG1838465
Ethylbenzene	U		0.000137	0.00100	1	03/26/2022 05:15	WG1838465
Total Xylenes	U		0.000174	0.00300	1	03/26/2022 05:15	WG1838465
(S) Toluene-d8	*106*			*80.0-120*		*03/26/2022 05:15*	WG1838465
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*03/26/2022 05:15*	WG1838465
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*03/26/2022 05:15*	WG1838465

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.173		0.0000941	0.00100	1	03/26/2022 05:35	WG1838465
Toluene	U		0.000278	0.00100	1	03/26/2022 05:35	WG1838465
Ethylbenzene	0.0540		0.000137	0.00100	1	03/26/2022 05:35	WG1838465
Total Xylenes	0.0665		0.000174	0.00300	1	03/26/2022 05:35	WG1838465
(S) Toluene-d8	*97.7*			*80.0-120*		*03/26/2022 05:35*	WG1838465
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*03/26/2022 05:35*	WG1838465
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*03/26/2022 05:35*	WG1838465

MW-27
Collected date/time: 03/22/22 08:15
L1474528

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	0.000137	J	0.0000941	0.00100	1	03/26/2022 05:56	WG1838465
Toluene	U		0.000278	0.00100	1	03/26/2022 05:56	WG1838465
Ethylbenzene	U		0.000137	0.00100	1	03/26/2022 05:56	WG1838465
Total Xylenes	U		0.000174	0.00300	1	03/26/2022 05:56	WG1838465
(S) Toluene-d8	*103*			*80.0-120*		*03/26/2022 05:56*	WG1838465
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*03/26/2022 05:56*	WG1838465
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*03/26/2022 05:56*	WG1838465

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000161	J	0.0000941	0.00100	1	03/26/2022 06:16	WG1838465
Toluene	U		0.000278	0.00100	1	03/26/2022 06:16	WG1838465
Ethylbenzene	U		0.000137	0.00100	1	03/26/2022 06:16	WG1838465
Total Xylenes	U		0.000174	0.00300	1	03/26/2022 06:16	WG1838465
(S) Toluene-d8	*105*			*80.0-120*		*03/26/2022 06:16*	WG1838465
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*03/26/2022 06:16*	WG1838465
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*03/26/2022 06:16*	WG1838465

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/26/2022 03:17	WG1838593
Toluene	U		0.000278	0.00100	1	03/26/2022 03:17	WG1838593
Ethylbenzene	U		0.000137	0.00100	1	03/26/2022 03:17	WG1838593
Total Xylenes	U		0.000174	0.00300	1	03/26/2022 03:17	WG1838593
(S) Toluene-d8	*118*			*80.0-120*		*03/26/2022 03:17*	WG1838593
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*03/26/2022 03:17*	WG1838593
(S) 1,2-Dichloroethane-d4	*96.9*			*70.0-130*		*03/26/2022 03:17*	WG1838593

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.455		0.00188	0.0200	20	03/30/2022 19:43	WG1840789
Toluene	0.000282	J	0.000278	0.00100	1	03/26/2022 00:04	WG1838593
Ethylbenzene	0.125		0.000137	0.00100	1	03/26/2022 00:04	WG1838593
Total Xylenes	0.00904		0.000174	0.00300	1	03/26/2022 00:04	WG1838593
(S) Toluene-d8	*115*			*80.0-120*		*03/26/2022 00:04*	WG1838593
(S) Toluene-d8	*102*			*80.0-120*		*03/30/2022 19:43*	WG1840789
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*03/26/2022 00:04*	WG1838593
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*03/30/2022 19:43*	WG1840789
(S) 1,2-Dichloroethane-d4	*89.8*			*70.0-130*		*03/26/2022 00:04*	WG1838593
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*03/30/2022 19:43*	WG1840789

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	0.00315		0.0000941	0.00100	1	03/30/2022 19:23	WG1840789
Toluene	U		0.000278	0.00100	1	03/26/2022 00:23	WG1838593
Ethylbenzene	0.00217		0.000137	0.00100	1	03/26/2022 00:23	WG1838593
Total Xylenes	0.000527	J	0.000174	0.00300	1	03/26/2022 00:23	WG1838593
(S) Toluene-d8	*114*			*80.0-120*		*03/26/2022 00:23*	WG1838593
(S) Toluene-d8	*101*			*80.0-120*		*03/30/2022 19:23*	WG1840789
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*03/26/2022 00:23*	WG1838593
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*03/30/2022 19:23*	WG1840789
(S) 1,2-Dichloroethane-d4	*93.8*			*70.0-130*		*03/26/2022 00:23*	WG1838593
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*03/30/2022 19:23*	WG1840789

TRIP BLANK
Collected date/time: 03/22/22 14:30
L1474528

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/25/2022 23:06	WG1838593
Toluene	U		0.000278	0.00100	1	03/25/2022 23:06	WG1838593
Ethylbenzene	U		0.000137	0.00100	1	03/25/2022 23:06	WG1838593
Total Xylenes	U		0.000174	0.00300	1	03/25/2022 23:06	WG1838593
(S) Toluene-d8	*117*			*80.0-120*		*03/25/2022 23:06*	WG1838593
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*03/25/2022 23:06*	WG1838593
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*03/25/2022 23:06*	WG1838593

Method Blank (MB)

(MB) R3774570-2 03/25/22 23:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*106*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3774570-1 03/25/22 23:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00482	96.4	70.0-123	
Toluene	0.00500	0.00448	89.6	79.0-120	
Ethylbenzene	0.00500	0.00493	98.6	79.0-123	
Xylenes, Total	0.0150	0.0148	98.7	79.0-123	
(S) Toluene-d8			*99.6*	*80.0-120*	
(S) 4-Bromofluorobenzene			*107*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*107*	*70.0-130*	

L1474525-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1474525-01 03/26/22 01:10 • (MS) R3774570-3 03/26/22 06:57 • (MSD) R3774570-4 03/26/22 07:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00860	0.0128	0.0133	84.0	94.0	1	17.0-158			3.83	27
Toluene	0.00500	U	0.00490	0.00490	98.0	98.0	1	26.0-154			0.000	28
Ethylbenzene	0.00500	U	0.00507	0.00523	101	105	1	30.0-155			3.11	27
Xylenes, Total	0.0150	0.000278	0.0151	0.0153	98.8	100	1	29.0-154			1.32	28
(S) Toluene-d8					*99.8*	*100*		*80.0-120*				
(S) 4-Bromofluorobenzene					*106*	*103*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*108*	*107*		*70.0-130*				

Method Blank (MB)

(MB) R3774375-3 03/25/22 18:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*113*			*80.0-120*
(S) 4-Bromofluorobenzene	*112*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3774375-1 03/25/22 17:04 • (LCSD) R3774375-2 03/25/22 17:23

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00511	0.00499	102	99.8	70.0-123			2.38	20
Toluene	0.00500	0.00595	0.00566	119	113	79.0-120			5.00	20
Ethylbenzene	0.00500	0.00549	0.00543	110	109	79.0-123			1.10	20
Xylenes, Total	0.0150	0.0170	0.0164	113	109	79.0-123			3.59	20
(S) Toluene-d8				*113*	*111*	*80.0-120*				
(S) 4-Bromofluorobenzene				*109*	*114*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*97.8*	*99.0*	*70.0-130*				

Method Blank (MB)

(MB) R3775863-4 03/30/22 15:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
(S) Toluene-d8	*99.8*			*80.0-120*
(S) 4-Bromofluorobenzene	*105*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3775863-1 03/30/22 14:12 • (LCSD) R3775863-2 03/30/22 14:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00454	0.00472	90.8	94.4	70.0-123			3.89	20
(S) Toluene-d8				*99.2*	*98.5*	*80.0-120*				
(S) 4-Bromofluorobenzene				*108*	*108*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*114*	*111*	*70.0-130*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

DCP Midstream - Tasman

2620 W. Marland Blvd
Hobbs, NM 88240

Billing Information:
Steve Weathers
370 17th St, Ste 2500
Denver, CO 80202

Report to: Kyle Norman

Email To: knorman@tasman-geo.com;bhumphrey@tasman-

Project Description: Former Hobbs Booster Station

City/State Collected:

Please Circle: PT MT CT ET

Phone: 720-218-4003

Client Project #

Lab Project # DCPTASMAN-HOBBSBOOST

Collected by (print): BECKY GRIFFIN

Site/Facility ID #

P.O. # 0000524225

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody

Pace PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1474628
B167
Table #

Acctnum: DCPTASMAN
Template: T204591
Prelogin: P908982
PM: 824 - Chris Ward
PB: CR 3/9/22
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Pres Chk	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-1		GW								
MW-2		GW								
MW-3		GW								
MW-5		GW								
MW-6		GW								
MW-7		GW								
MW-9		GW								
MW-10		GW								
MW-12		GW								
MW-14		GW		3-22-22	1208	3	X			-01

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # 5671 5877 8176

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Becky Griffin	3-22-22	1500	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			T. Roberson

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 1.2 °C Bottles Received: 48

Date: 3/23/22 Time: 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

DCP Midstream - Tasman

2620 W. Marland Blvd
Hobbs, NM 88240

Billing Information:
Steve Weathers
370 17th St, Ste 2500
Denver, CO 80202

Pres Chk

Report to: Kyle Norman

Email To: knorman@tasman-geo.com;bhumphrey@tasman-

Project Description: Former Hobbs Booster Station

City/State Collected:

Please Circle: PT MT CT ET

Phone: 720-218-4003

Client Project #

Lab Project # DCPTASMAN-HOBBSBOOST

Collected by (print): BECKY GRIFFIN

Site/Facility ID #

P.O. # 0000524225

Collected by (signature): Becky Griffin

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
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SDG # L1474528

Table #

Acctnum: DCPTASMAN
Template: T204591
Prelogin: P908982
PM: 824 - Chris Ward
PB: CR 3/9/22

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-15		GW		3-22-22	1225	3	X		-02
MW-16		GW			1320				-03
MW-17		GW							
MW-18		GW							
MW-19		GW			0950	3	X		-04
MW-19D		GW			1015				-05
MW-20		GW			0930				-06
MW-21		GW			1035				-07
MW-22		GW							
MW-23		GW		3-22-22	1145	3	X		-08

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 5671 5377 8176

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Becky Griffin	3-22-22	1500			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C 1.2 1.0 1.2	Bottles Received: 45
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) T. Robertson	Date: 3/24/22	Time: 900

Hold: | Condition: NCF / (OK)

DCP Midstream - Tasman

2620 W. Marland Blvd
Hobbs, NM 88240

Billing Information:
Steve Weathers
370 17th St, Ste 2500
Denver, CO 80202

Pres Chk

Report to: Kyle Norman

Email To: knorman@tasman-geo.com;bhumphrey@tasman-

Project Description: Former Hobbs Booster Station

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Site/Facility ID #

P.O. # 0000524225

Collected by (signature): Becky Griffin

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

V8260BTEX 40mlAmb-HCl

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs		Remarks	Sample # (lab only)
MW-24		GW		3-22-22	1105	3	X		-09
MW-25		GW			1125				-10
MW-~~25~~ 26		GW			1420				-11
MW-~~26~~ 27		GW			0815				-12
MW-~~28~~ 29		GW			0900				-13
DUPLICATE A		GW							-14
DUPLICATE B		GW							-15
MW 28		GW			0745				-16
TRIP BLANK		GW			1430	1			-17

Chain of Custody

Pace
PEOPLE ADVANCING SCIENCE

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12065 Lebanon Rd Mount Juliet, TN 37122
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SDG # L1474528

Table #

Acctnum: DCPTASMAN

Template: T204591

Prelogin: P908982

PM: 824 - Chris Ward

PB: CT 3/9/22

Shipped Via: FedEX Ground

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 5671 5377 8176

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Becky Griffin	3-22-22	1500			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C 1.2 1.0=1.2 Bottles Received: 48	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) T. Robertson	Date: 3/24/22 Time: 900	Hold: Condition: NCF / OK

NV

Second Quarter 2022 Groundwater Monitoring Summary Report

Hobbs Booster Station
Lea County, New Mexico
AP-114

Prepared for:

6900 E. Layton Ave., Suite 900
Denver, CO 80237-3658

Prepared by:

6855 W. 119th Avenue
Broomfield, Colorado 80020

October 6, 2022

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1. Introduction

This report summarizes the remediation system activities, results of groundwater monitoring activities at the Hobbs Booster Station (Site) in Lea County, New Mexico (Figure 1). Tasman Geosciences (Tasman) performed these activities on behalf of DCP Midstream, LP (DCP). The groundwater monitoring activities described herein were conducted to monitor the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons, measure groundwater levels, obtain groundwater samples for laboratory analysis, and evaluate groundwater flow and quality conditions. Field data and laboratory analytical results from field efforts, conducted on June 20 and 21, 2022, were used to develop a groundwater elevation contour map and an analytical results map to evaluate current conditions at the Site.

2. Site Location and Background

The Site is located in New Mexico Oil Conservation Division (OCD) designated Units C and D, Section 4, Township 19 South, Range 38 East (Figure 1). The facility coordinates are approximately 32.414 degrees north and 103.092 degrees west. This facility is no longer used as an active gas compression facility; currently the Site is primarily used as a DCP field office. All ancillary equipment and buildings associated with the former Booster Station have been decommissioned and/or demolished.

The Site groundwater monitoring wells are illustrated on Figure 2. However, monitoring well TW-Q has not been located since June 2014, and monitoring well TW-T has not been located since September 2016, and both wells are presumed destroyed. TW-K and TW-N, which were previously presumed destroyed, were located in the third quarter 2018 and first quarter 2022, respectively. Twenty-eight of the existing monitoring wells are located on the Site property while three wells (MW-23, MW-24, and MW-25) are located to the southeast of the property boundary on land currently owned by Occidental Permian.

An LNAPL recovery system and a soil vapor extraction (SVE) system are present at the Site. There are 28 extraction wells (Figure 2) located on-Site including MW-4, MW-8, MW-11, and MW-13 which were previously converted from monitoring wells due to historically high levels of LNAPL. Additionally, the Site operates a groundwater air sparge (AS) curtain that was installed along the south-central Site boundary and includes 21 AS injection wells connected in series (Figure 2). LNAPL, AS, and SVE system operation and performance are further described in Section 4.

3. Groundwater Monitoring

This section describes the field groundwater monitoring activities performed during the second quarter 2022 monitoring event on June 20 and 21, 2022. Monitoring activities included Site-wide groundwater gauging, LNAPL measurements, groundwater purging and sampling, and subsequent packaging and shipping of the samples for laboratory analysis. Figure 2 illustrates the groundwater monitoring network utilized to perform these activities at the Site.

3.1 Groundwater and LNAPL Elevation Monitoring

Groundwater and LNAPL levels were measured to evaluate hydraulic characteristics and provide information regarding fluctuations in groundwater and LNAPL elevations at the Site. During the second

quarter 2022 monitoring event, groundwater and LNAPL levels, where present, were measured at 32 monitoring well locations. Groundwater and/or LNAPL levels were unable to be collected from monitoring wells, TW-Q and TW-T, as these wells were unable to be located and/or are presumed destroyed. In addition, MW-12 was not gauged due to the presence of an active Spill Buster pump in the well. The passive LNAPL bailers were temporarily removed at monitoring wells MW-10 and MW-17 for gauging.

Monitoring wells were gauged on the north side of the well casing to the nearest 0.01-foot using an oil-water interface probe (IP). Groundwater levels were subsequently converted to elevations (feet above mean sea level [AMSL]).

Groundwater and LNAPL elevations collected during the reporting period as well as historical elevations are presented in Table 1. A second quarter 2022 groundwater elevation map, included as Figure 3, indicates that groundwater flow at the Site generally trends to the east. Groundwater elevation ranges, the average elevation change from the previous monitoring event, and the calculated hydraulic gradient at the Site are summarized in the table below.

Summary of Measured Hydraulic Parameters

	Second Quarter 2022 (6/20/2022)
Maximum Elevation (Well ID)	3,572.01’ (MW-6)
Minimum Elevation (Well ID)	3,562.09’ (MW-28)
Average Change from Previous Monitoring Event – All Wells	-0.22 feet
Hydraulic Gradient (ft/ft) / (Well IDs)	0.0051 (MW-6 to MW-28)

LNAPL was detected in seven (7) of the monitoring wells that were gauged during the second quarter 2022 with thicknesses ranging between 0.37 feet in TW-W, to 4.75 feet in MW-9. Groundwater was not detected in wells MW-7, MW-22, TW-K, TW-N, TW-U and TW-V. The calculated groundwater elevation data from monitoring wells that contained both product and groundwater were corrected to account for the LNAPL thickness.

3.2 Groundwater Quality Monitoring

Subsequent to recording groundwater level measurements, groundwater samples were collected from select monitoring wells that did not contain measurable LNAPL. A minimum of three well casing volumes of groundwater (calculated from total depth of the well and groundwater level measurements) were purged from each well prior to the collection of groundwater samples. Groundwater samples were collected using disposable polyethylene bailers, placed in clean laboratory supplied containers, packed in an ice-filled cooler and maintained at approximately four (4) degrees Celsius (°C) for transportation to the laboratory. Groundwater samples were shipped under chain-of-custody procedures to Pace Analytical laboratory (Pace) in Mount Juliet, Tennessee for analysis. Water quality samples were submitted to Pace for benzene, toluene, ethylbenzene, and total xylenes (BTEX) analyses by United States Environmental Protection Agency (USEPA) Method 8260B.

Second quarter 2022 water quality samples were collected from 14 monitoring wells on June 21, 2022. Two duplicates and a trip blank were also analyzed.

Table 2 summarizes BTEX concentrations in groundwater samples collected during the second quarter 2022. Analytical results are also displayed on Figure 4. Historical analytical results, up to and including the second quarter 2022 event, are included in Appendix A, and the laboratory analytical report is included in Appendix B.

Analytical results indicate that BTEX concentrations were below the New Mexico Water Quality Control Commission (NMWQCC) standard in 12 of the 14 sampled wells. Benzene concentrations in MW-19D (0.201 mg/L in parent and 0.222 mg/L in Duplicate), and MW-26 (0.194 mg/L) were above the NMWQCC groundwater standard of 0.005 mg/L.

3.3 Data Quality Assurance/ Quality Control

A trip blank and two field duplicate samples (MW-14 and MW-19D) were collected during the sampling event. The data were reviewed for compliance with the analytical method and the associated quality assurance/quality control (QA/QC) procedures. All samples were analyzed using the correct analytical methods and within the correct holding times. Chain of custody forms were in order and properly executed and indicate that samples were received at the proper temperature with no headspace. All data were reported using the correct method number and reporting units. QA/QC items of note for the second quarter 2022 include the following:

- MW-14 and the associated Duplicate A sample exhibited benzene concentrations of 0.000541 mg/L and 0.000464 mg/L respectively (both with J flags indicating estimated values below the reporting limit). The calculated relative percent difference (RPD) is 15.32%, which is within the target range of 20%.
- MW-19D and the associated Duplicate B sample exhibited benzene concentrations of 0.201 mg/L and 0.222 mg/L respectively. The calculated relative percent difference (RPD) is 9.91%, which is within the target range of 20%.

The overall QA/QC assessment indicates that overall data precision and accuracy are acceptable.

4. Remediation System Performance

This section includes a description of the active remediation system at the Site along with observations and modifications to the system components during the second quarter 2022. An evaluation of system performance is also provided based on collected information.

4.1 Remediation System Layout

The array of remediation wells and other infrastructure at the Site is referred to herein as the System. The System consists of 28 extraction wells, 22 Air Sparge (AS) wells, two (2) Soil Vapor Extraction (SVE) blowers, an AS blower, and ancillary piping and conveyance lines, as displayed on Figure 2.

The extraction wells, which are currently used for LNAPL recovery, are aligned along several north-south "legs." The AS wells are aligned east-west along the southern portion of the property to create an approximately 870-foot long "sparge curtain" intended to volatilize dissolved-phase constituents that enter the AS treatment zone.

Overall, the System covers an approximate 1,000-foot (east-west) by 800-foot (north-south) area, or approximately 18-acres.

4.2 Vacuum-Enhanced Extraction Observations

As discussed within the second quarter 2014 monitoring report, soil vapor extraction (SVE) was discontinued at the Site and was not re-initiated during the current reporting period.

4.3 LNAPL Recovery System Performance Evaluation

The LNAPL Recovery portion of the System includes 28 Magnum Spill Buster units (manufactured by Clean Earth Technology) which are installed at wells within the extraction well network. The full-scale system has been operational since May 1, 2013. The recovery units were integrated into the existing LNAPL infrastructure which includes conveyance lines and a 100-barrel (4,200 gallon) steel holding tank where recovered LNAPL is accumulated.

Specific measurements and observations associated with the LNAPL Recovery System include:

- Readings were taken at the gauge on the 100-barrel steel holding tank on June 23, 2022, but the readings show that there has been no accumulation of LNAPL since December 2021. It is likely that the gauge is currently inoperable, and manual readings will be collected with an IP from the top of the barrel during the third quarter 2022.
- After Spill Buster installation, approximately 32,278 gallons (as of December 2021) of LNAPL have been removed since May 2013. Incidental groundwater recovery, inherent with previous recovery methods, has also been eliminated through operation of the Spill Buster system.

In addition to the above remediation efforts, a single solar-powered Spill Buster unit (and adjacent 1,000-gallon steel holding tank) was installed at monitoring well MW-12 on December 18, 2013. Since installation, the solar powered Spill Buster at MW-12 has removed approximately 2,147 gallons of LNAPL. The tank was emptied during March 2022 and the site glass was stained prevented a reading for the second quarter 2022. A new site glass is scheduled to installed during the fourth quarter 2022.

Passive bailers were installed on March 14, 2019 in wells MW-10 and MW-17. Approximately 0.15 gallons of LNAPL were removed on June 23, 2022, and a total of approximately 4.5 gallons of LNAPL have been removed since installation in early 2019. Measurements will continue to be collected during quarterly monitoring events.

4.4 Air Sparge Performance Evaluation

The AS system has continued to operate on a 24-hour per day basis with minor down time due to routine scheduled equipment maintenance. The primary evaluation criteria for AS performance is tied to the dissolved phase hydrocarbon concentrations present in groundwater downgradient of the AS well alignment. Monitoring wells MW-14, MW-15, MW-23, MW-24, and MW-25, located downgradient from the sparge curtain, provide ideal monitoring locations for observing the effects of the AS system on impacted groundwater as it passes through the treatment zone. On the east end of the AS system, monitoring well MW-14 (0.000541 mg/L in parent and 0.0000464 mg/L in the duplicate) has continued to exhibit concentrations below the NMWQCC standards since the second quarter 2021. Both the parent and duplicate values were J-flagged during the second quarter 2022, indicating an estimated value below the lab's reporting limit. The benzene concentration at MW-23 continues to fluctuate compared to historic levels and was below the NMWQCC standard during the first and second quarter 2022 monitoring events. Monitoring wells MW-24 and MW-25, which are located cross-gradient to MW-14 and MW-23, continue to exhibit concentrations of benzene and other dissolved petroleum hydrocarbons below laboratory detection limits. On the west end of the AS system (MW-15 and MW-16), dissolved phase hydrocarbon impacts are consistently reported below the laboratory detection limits. During the first quarter 2022, field crews discovered that the AS blower was inoperable and unable to be repaired, however, a replacement blower was installed, and the system returned to full time operation in July 2022.

Additionally, as discussed in the *Third Quarter 2015 Groundwater Monitoring Summary Report*, AS activities were initiated at monitoring well MW-22 due to the continued increasing trend of dissolved phase benzene concentrations at that location. AS is applied continuously to the well with an air pressure of 5 pounds per square inch (psi) and a flow of 5 cubic feet per minute (cfm) if sufficient volume is observed. During the second quarter 2021, MW-22 was sampled, and benzene concentrations were reported below the NMWQCC standard for the fifth consecutive quarterly monitoring event in which sampling occurred. However, that was the only event since the third quarter 2020 that has produced sufficient sample volume. AS application has demonstrated a general decrease in benzene concentrations at MW-22, and levels above the NMWQCC standard are now rarely observed and are likely influenced by fluctuating seasonal groundwater levels.

5. Conclusions

This section of the report presents conclusions from the findings of second quarter 2022 groundwater monitoring and remediation system O&M activities.

- The monitoring gauge for the LNAPL system recovery is currently inoperable, and troubleshooting will occur during the third and fourth quarter 2022 to determine the LNAPL accumulation in the associated 100-barrel tank.
- The AS portion of the System appears to continue to prevent the migration of LNAPL and dissolved-phase impacts across the treatment zone.

- At MW-19D and MW-26, benzene concentrations were reported above the NMWQCC groundwater standards during the second quarter 2022. However, data from adjacent monitoring wells suggest the dissolved-phase petroleum hydrocarbon plume is relatively stable in this area of the Site.
- Monitoring points along the eastern Site boundary, MW-20, MW-27, and MW-28 exhibited benzene concentrations below laboratory detection levels and/or NMWQCC standards. MW-18 is only sampled annually during the third quarter and was not sampled during this event.

6. Recommendations

Based on evaluation of current and historical data, the following recommendations for ongoing Site monitoring and remediation efforts have been developed:

- Continue quarterly and annual groundwater monitoring and sampling activities to monitor dissolved phase BTEX concentrations and LNAPL trends.
- Continue to monitor BTEX concentrations at point of compliance wells to the east of the site to delineate and mitigate potential groundwater contamination in areas adjacent to Site which are hydraulically downgradient. If an increasing trend in BTEX concentrations is observed, additional remedial strategies to mitigate migration of contaminants may be recommended.
- Continue operation, monitoring, and maintenance of the Spill Buster LNAPL extraction system. Troubleshoot the gauge associated with the system to determine the apparent lack of LNAPL accumulation.
- Regularly inspect and replace passive LNAPL bailers in MW-10 and MW-17 to increase recovery of LNAPL.
- If there is sufficient water volume at monitoring well MW-22, temporarily discontinue AS activities approximately two weeks prior to the quarterly groundwater monitoring events, AS operation will be temporarily discontinued to allow the formation to equilibrate prior to sampling. Subsequent to groundwater sampling activities, AS remediation will be continued at that location.
- Due to the consistent water levels and benzene concentrations observed at MW-29, extending the AS system to this well and along the northeastern perimeter is being evaluated and anticipated to be implemented during late 2022 or early 2023.

Tables

TABLE 1
SECOND QUARTER 2022
SUMMARY OF GROUNDWATER ELEVATION DATA
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event(1) (feet)
MW-1	09/20/2021	58.84	55.84	3.00	NM	3626.06	3569.47	0.08
MW-1	12/13/2021	58.84	55.85	2.99	NM	3626.06	3569.46	-0.01
MW-1	03/21/2022	58.83	56.07	2.76	NM	3626.06	3569.30	-0.16
MW-1	06/20/2022	58.80	56.24	2.56	NM	3626.06	3569.18	-0.12
MW-2	09/20/2021	52.40	50.52	1.88	NM	3623.14	3572.15	-0.26
MW-2	12/13/2021	52.78	50.78	2.00	NM	3623.14	3571.86	-0.29
MW-2	03/21/2022	53.14	51.18	1.96	NM	3623.14	3571.47	-0.39
MW-2	06/20/2022	53.23	51.27	1.96	NM	3623.14	3571.38	-0.09
MW-3	09/20/2021	51.15			56.89	3623.01	3571.86	0.60
MW-3	12/13/2021	51.48			56.89	3623.01	3571.53	-0.33
MW-3	03/21/2022	51.90			56.89	3623.01	3571.11	-0.42
MW-3	06/20/2022	52.04			56.89	3623.01	3570.97	-0.14
MW-5	09/09/2021	58.72			60.35	3629.16	3570.44	0.23
MW-5	12/13/2021	58.68			60.35	3629.16	3570.48	0.04
MW-5	03/21/2022	58.95			60.35	3629.16	3570.21	-0.27
MW-5	06/20/2022	59.11			60.35	3629.16	3570.05	-0.16
MW-6	09/20/2021	54.35			56.75	3626.93	3572.58	NA
MW-6	12/13/2021	54.48			56.75	3626.93	3572.45	-0.13
MW-6	03/21/2022	54.77			56.75	3626.93	3572.16	-0.29
MW-6	06/20/2022	54.92			56.75	3626.93	3572.01	-0.15
MW-7	09/20/2021	DRY			42.25	3621.40	DRY	NA
MW-7	12/13/2021	DRY			42.25	3621.40	DRY	NA
MW-7	03/21/2022	DRY			42.25	3621.40	DRY	NA
MW-7	06/20/2022	DRY			42.25	3621.40	DRY	NA
MW-9	12/13/2021	62.47	57.65	4.82	NM	3625.21	3566.36	-0.09
MW-9	03/21/2022	62.60	57.93	4.67	NM	3625.21	3566.11	-0.24
MW-9	06/20/2022	62.85	58.10	4.75	NM	3625.21	3565.92	-0.19
MW-10	09/20/2021	54.89	52.34	2.55	NM	3621.07	3568.09	0.33
MW-10	12/13/2021	54.98	52.24	2.74	NM	3621.07	3568.15	0.05
MW-10	03/22/2022	55.54	52.47	3.07	NM	3621.07	3567.83	-0.31
MW-10	06/20/2022	55.90	52.74	3.16	NM	3621.07	3567.54	-0.29
MW-12**	09/20/2021	NM	NM		NM	3626.60	NA	NA
MW-12**	12/13/2021	NM	NM		NM	3626.60	NA	NA
MW-12**	03/21/2022	-	59.72		NM	3626.60	NA	NA
MW-12**	06/20/2022	60.14	59.97	0.17	NM	3626.60	3566.59	NA
MW-14	09/20/2021	54.87			63.40	3621.42	3566.55	0.34
MW-14	12/14/2021	55.10			63.40	3621.42	3566.32	-0.23
MW-14	03/21/2022	55.40			63.40	3621.42	3566.02	-0.30
MW-14	06/20/2022	55.62			63.40	3621.42	3565.80	-0.22
MW-15	09/20/2021	50.49			59.00	3619.39	3568.90	0.46
MW-15	12/14/2021	50.75			59.00	3619.39	3568.64	-0.26
MW-15	03/21/2022	51.07			59.00	3619.39	3568.32	-0.32
MW-15	06/20/2022	51.29			59.00	3619.39	3568.10	-0.22
MW-16	09/20/2021	50.10			56.40	3621.87	3571.77	0.80
MW-16	12/14/2021	50.55			56.40	3621.87	3571.32	-0.45
MW-16	03/21/2022	50.97			56.40	3621.87	3570.90	-0.42
MW-16	06/20/2022	51.10			56.40	3621.87	3570.77	-0.13
MW-17	09/20/2021	59.82	59.68	0.14	57.52	3623.94	3564.23	-0.06
MW-17	12/14/2021	59.70	59.55	0.15	57.52	3623.94	3564.35	0.13
MW-17	03/22/2022	59.77			57.52	3623.94	3564.17	-0.18
MW-17	06/20/2022	59.98			57.52	3623.94	3563.96	-0.21

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MW-18	09/20/2021	60.49			67.32	3624.30	3563.81	0.08
MW-18	12/14/2021	60.60			67.32	3624.30	3563.70	-0.11
MW-18	03/21/2022	60.83			67.32	3624.30	3563.47	-0.23
MW-18	06/20/2022	61.06			67.32	3624.30	3563.24	-0.23
MW-19	09/20/2021	60.87			66.40	3624.12	3563.25	0.18
MW-19	12/14/2021	61.09			66.40	3624.12	3563.03	-0.22
MW-19	03/21/2022	61.34			66.40	3624.12	3562.78	-0.25
MW-19	06/20/2022	61.57			66.40	3624.12	3562.55	-0.23
MW-19D	09/20/2021	60.81			78.45	3623.79	3562.98	0.22
MW-19D	12/14/2021	61.06			78.45	3623.79	3562.73	-0.25
MW-19D	03/21/2022	61.30			78.45	3623.79	3562.49	-0.24
MW-19D	06/20/2022	61.54			78.45	3623.79	3562.25	-0.24
MW-20	09/20/2021	58.50			60.89	3621.49	3562.99	0.18
MW-20	12/14/2021	58.71			60.89	3621.49	3562.78	-0.21
MW-20	03/21/2022	58.96			60.89	3621.49	3562.53	-0.25
MW-20	06/20/2022	59.17			60.89	3621.49	3562.32	-0.21
MW-21	09/20/2021	60.15			62.65	3624.25	3564.10	0.35
MW-21	12/14/2021	60.50			62.65	3624.25	3563.75	-0.35
MW-21	03/21/2022	60.79			62.65	3624.25	3563.46	-0.29
MW-21	06/20/2022	61.01			62.65	3624.25	3563.24	-0.22
MW-22	09/20/2021	62.51			62.85	3625.16	3562.65	0.17
MW-22	12/13/2021	62.68			63.10	3625.16	3562.48	-0.17
MW-22	03/21/2022	DRY			63.10	3625.16	DRY	NA
MW-22	06/20/2022	DRY			63.10	3625.16	DRY	NA
MW-23	09/20/2021	54.44			57.31	3621.87	3567.43	1.04
MW-23	12/14/2021	54.70			57.31	3622.58	3567.88	0.45
MW-23	03/21/2022	54.98			57.31	3622.58	3567.60	-0.28
MW-23	06/20/2022	55.20			57.31	3622.58	3567.38	-0.22
MW-24	09/20/2021	52.57			56.70	3619.27	3566.70	0.40
MW-24	12/14/2021	52.85			56.70	3619.27	3566.42	-0.28
MW-24	03/21/2022	53.15			56.70	3619.27	3566.12	-0.30
MW-24	06/20/2022	53.38			56.70	3619.27	3565.89	-0.23
MW-25	09/20/2021	53.53			56.70	3619.73	3566.20	0.39
MW-25	12/14/2021	53.87			56.70	3619.73	3565.86	-0.34
MW-25	03/21/2022	54.18			56.70	3619.73	3565.55	-0.31
MW-25	06/20/2022	54.37			56.70	3619.73	3565.36	-0.19
MW-26	09/20/2021	61.56			76.10	3625.59	3564.03	0.19
MW-26	12/14/2021	61.63			76.10	3625.59	3563.96	-0.07
MW-26	03/21/2022	61.90			76.10	3625.59	3563.69	-0.27
MW-26	06/20/2022	62.08			76.10	3625.59	3563.51	-0.18
MW-27	09/20/2021	62.83			71.90	3626.44	3563.61	0.02
MW-27	12/14/2021	62.90			71.90	3626.44	3563.54	-0.07
MW-27	03/21/2022	63.13			71.90	3626.44	3563.31	-0.23
MW-27	06/20/2022	63.32			71.90	3626.44	3563.12	-0.19
MW-28	09/20/2021	62.67			74.82	3625.41	3562.74	0.13
MW-28	12/14/2021	62.81			74.82	3625.41	3562.60	-0.14
MW-28	03/21/2022	63.13			74.82	3625.41	3562.28	-0.32
MW-28	06/20/2022	63.32			74.82	3625.41	3562.09	-0.19
MW-29	09/20/2021	61.99			76.59	3624.59	3562.60	-0.01
MW-29	12/14/2021	62.02			76.59	3624.59	3562.57	-0.03
MW-29	03/21/2022	62.30			76.59	3624.59	3562.29	-0.28

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Location Identification	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event(1) (feet)
MW-29	06/20/2022	62.50			76.59	3624.59	3562.09	-0.20
TW-H	09/20/2021	53.45	51.70	1.75	NM	3622.30	3570.16	0.16
TW-H	12/14/2021	51.75			NM	3622.30	3570.55	0.39
TW-H	03/21/2022	51.98	51.29	0.69	NM	3622.30	3570.84	0.29
TW-H	06/20/2022	53.70	52.09	1.61	NM	3622.30	3569.81	-1.03
TW-K	09/20/2021	62.10			62.12	3628.95	3566.85	NA
TW-K	12/14/2021	62.10			62.12	3628.95	3566.85	0.00
TW-K	03/21/2022	62.09			62.12	3628.95	3566.86	0.01
TW-K	06/20/2022	DRY			63.00	3628.95	DRY	NA
TW-N	03/21/2022	59.32	59.29	0.03	NA	3631.98	3572.68	NA
TW-N	06/20/2022	DRY			59.70	3631.98	DRY	NA
TW-U	09/20/2021	63.68			62.12	3628.67	3564.99	0.14
TW-U	12/14/2021	64.05	63.70	0.35	62.12	3628.67	3564.88	-0.11
TW-U	03/21/2022	64.04	63.93	0.11	62.12	3628.67	3564.71	-0.17
TW-U	06/20/2022	DRY			64.80	3628.67	DRY	NA
TW-T-R	09/20/2021	Well not located						
TW-T-R	12/14/2021	61.80	61.30	0.50	76.53	3625.90	3564.48	NA
TW-T-R	03/21/2022	62.22	61.44	0.78	76.55	3625.90	3564.27	-0.21
TW-T-R	06/20/2022	62.43	61.60	0.83	76.55	3625.90	3564.09	-0.17
TW-V	09/20/2021	DRY			NM	3628.54	DRY	NA
TW-V	12/14/2021	DRY			NM	3628.54	DRY	NA
TW-V	03/21/2022	DRY			NM	3628.54	DRY	NA
TW-V	06/20/2022	DRY			63.65	3628.54	DRY	NA
TW-W	09/20/2021	61.93	61.16	0.77	62.12	3626.88	3565.53	-0.02
TW-W	12/14/2021	61.85	61.05	0.80	62.12	3626.88	3565.63	0.10
TW-W	03/21/2022	61.85	61.25	0.60	62.12	3626.88	3565.48	-0.15
TW-W	06/20/2022	61.83	61.46	0.37	NM	3626.88	3565.33	-0.15
						Average change in groundwater elevation (3/21/2022 to 6/20/2022)		-0.22

Notes:
1- Changes in groundwater elevation calculated by subtracting the measurement collected during the previous monitoring event from the measurement collected during the most recent monitoring event.
amsl = feet above mean sea level
TOC = top of casing
Groundwater elevation = (TOC Elevation - Measured Depth to Water)
Groundwater elevation = (TOC Elevation - Measured Depth to Water) + (LNAPL Thickness in Well * LNAPL Relative Density)
LNAPL relative density is assumed to be approximately 0.75
NM = Not Measured
NA = Not Applicable
TD = Total Depth
** The depth to water reading collected from these wells are anomolous and assumed to be an error during field collection. Therefore, the change in groundwater elevation from the previous monitoring event was not calculated and/or used for the average change in groundwater elevation across the Site.
* Groundwater elevation was corrected for product thickness using the following calculation, when applicable:
** Monitoring well MW-12 has an active Spill Buster automatic LNAPL recovery pump installed. As such, the calculated groundwater elevations may not be representative of actual groundwater elevations within the well.
***No groundwater was present in well, Free Phase Hydrocarbon Thickness was measured in feet from Depth to Product (DTP) to TD.

TABLE 2
SECOND QUARTER 2022
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	
MW-1	06/21/2022	Sampled Annually - Historical LNAPL Present				LNAPL- 2.56'
MW-2	06/21/2022	Sampled Annually - Historical LNAPL Present				LNAPL- 1.96'
MW-3	06/21/2022	Sampled Annually During Third Quarter				
MW-5	06/21/2022	Sampled Annually During Third Quarter				
MW-6	06/21/2022	Sampled Annually During Third Quarter				
MW-7	06/21/2022	Sampled Annually - Historically Dry				
MW-9	06/21/2022	Sampled Annually - Historical LNAPL Present				LNAPL- 4.75'
MW-10	06/21/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 3.16'
MW-12	06/21/2022	NS	NS	NS	NS	Spill Buster in Well
MW-14	06/21/2022	0.000541 J	<0.00100	<0.00100	<0.00300	
MW-14 (Duplicate)	06/21/2022	0.000464 J	<0.00100	<0.00100	<0.00300	
MW-15	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-17	06/21/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; No LNAPL
MW-18	06/21/2022	Sampled Annually During Third Quarter				
MW-19	06/21/2022	<0.00100	<0.00100	0.000173 J	<0.00300	
MW-19D	06/21/2022	**0.201**	<0.0250	0.0513	<0.0750	
MW-19D (Duplicate)	06/21/2022	**0.222**	<0.00100	0.0593	0.00167 J	
MW-20	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	06/21/2022	Not Sampled - Insufficent Volume				
MW-23	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-26	06/21/2022	**0.194**	<0.00100	0.0601	0.0557	
MW-27	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-28	06/21/2022	0.00324	<0.00100	0.00170	0.000388 J	
MW-29	06/21/2022	0.000424 J	<0.00100	<0.00100	0.000194 J	
Trip Blank	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	

Notes:

Bold red values indicate an exceedance of the NMWQCC groundwater standards for the Site.

NMWQCC = New Mexico Water Quality Control Commission

LNAPL = Light Non-Aqueous Phase Liquid

J = A qualifier indicating an estimated value of a concentration above the laboratory's Method Detection Limit (MDL) but below the Reported Detection Limit (RDL).

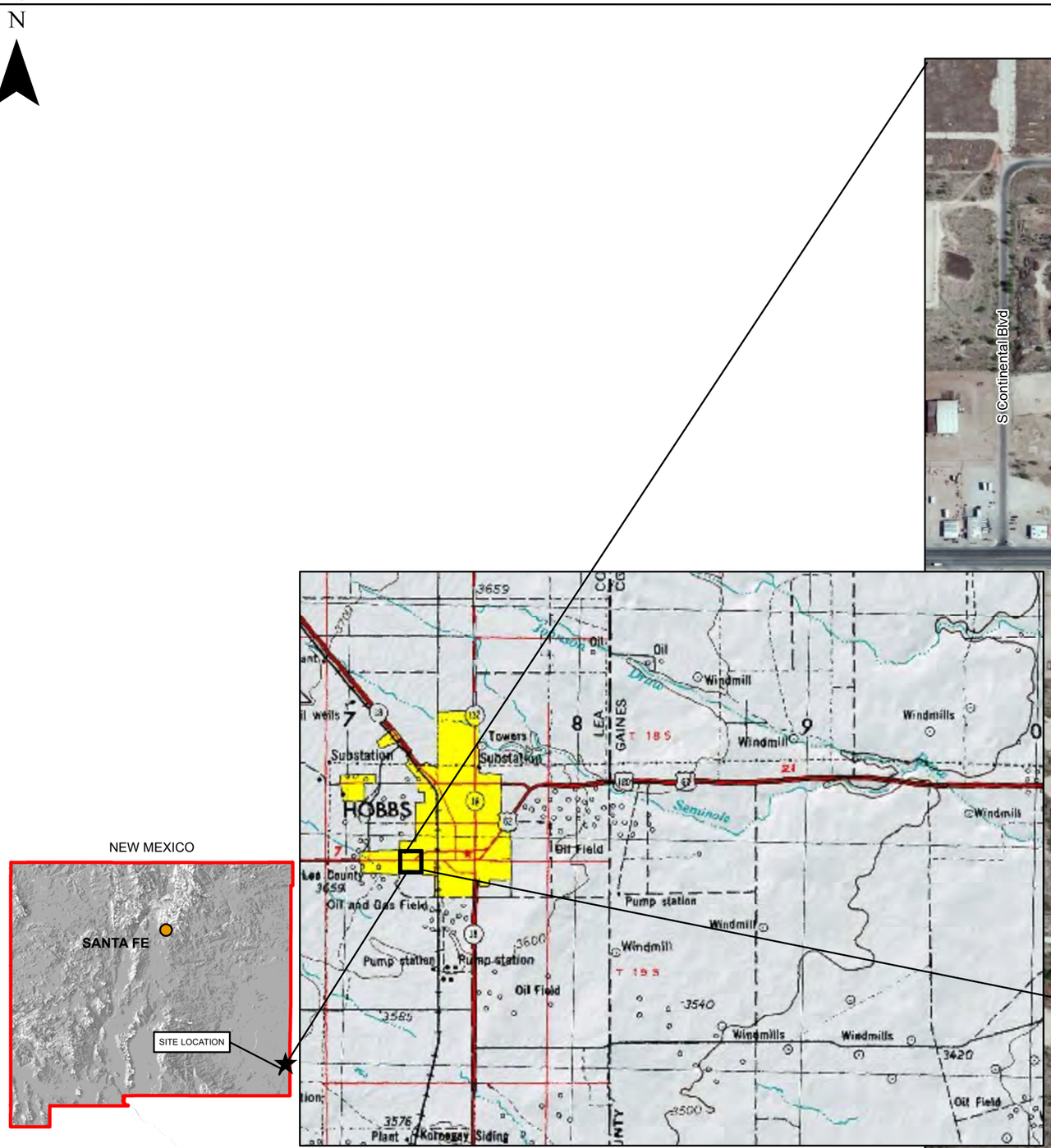
NS = Not Sampled

NM - Not Measured

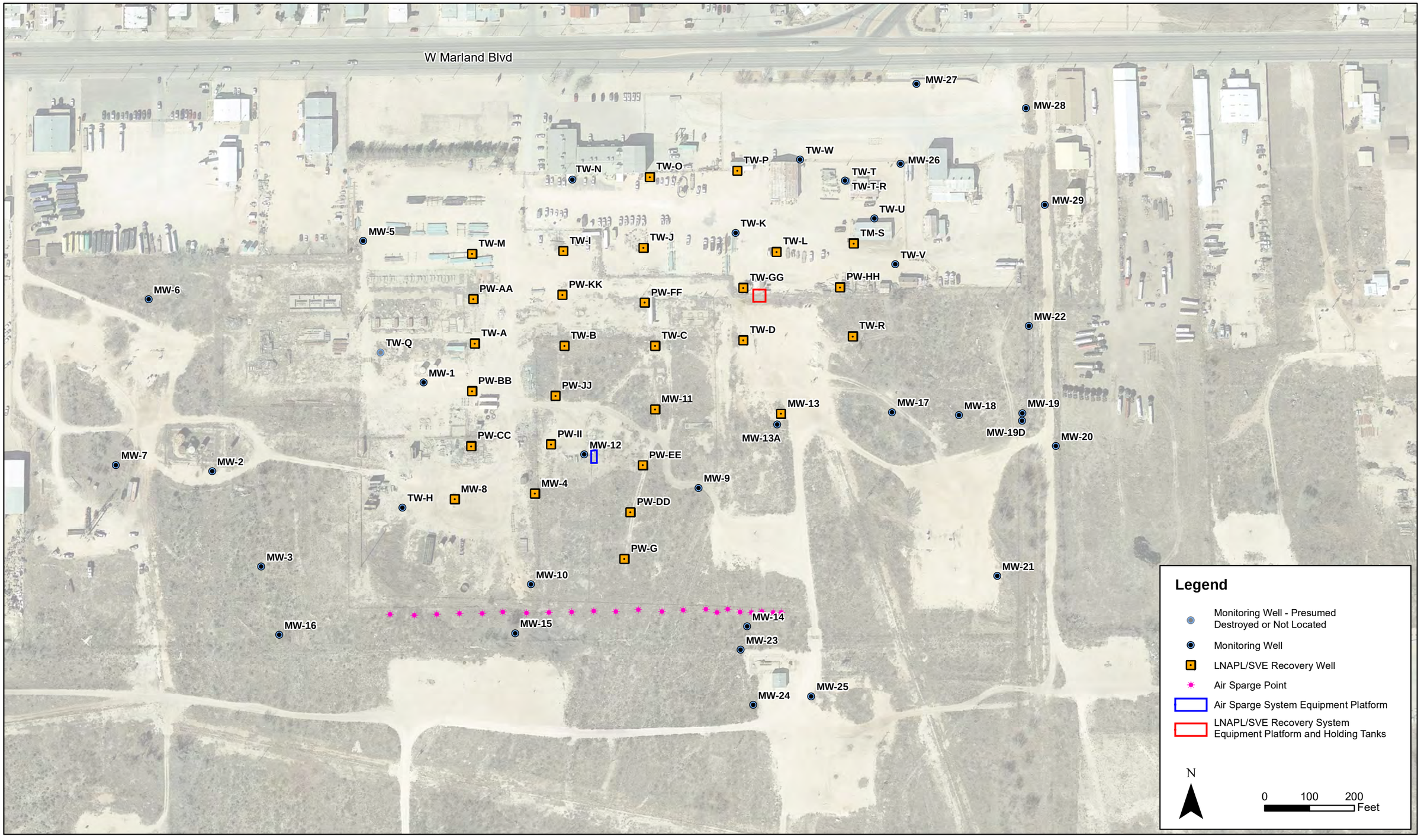
mg/L = milligrams per liter

Figures

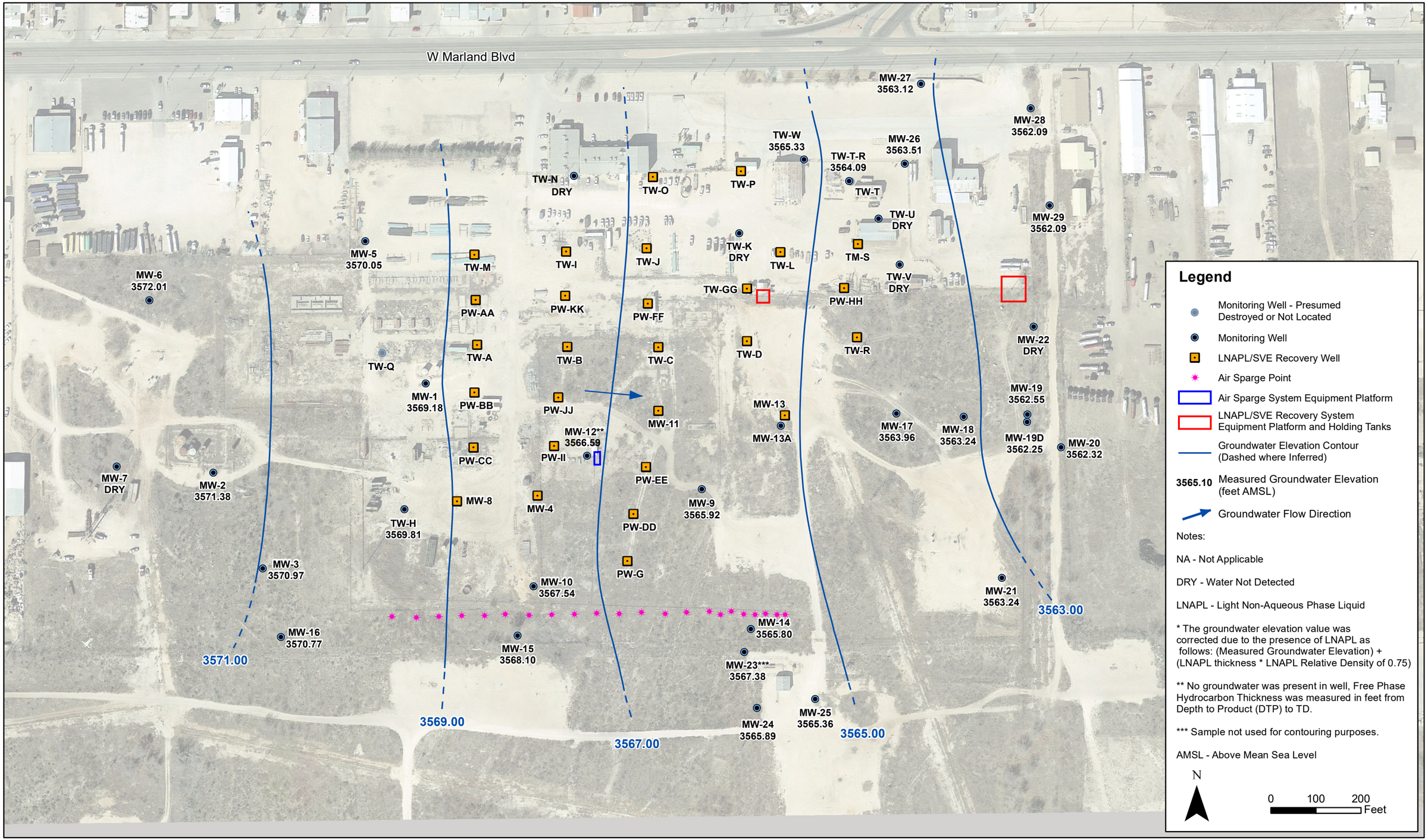
N



DATE: April 2015 DESIGNED BY: T. Johansen DRAWN BY: D. Arnold	TASMAN **Tasman Geosciences, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**DCP Midstream** **Hobbs Booster Station** Units C and D, Section 4, Township 19 South, Range 38 East Lea County, New Mexico	Site Location Map	Figure 1



DATE: December 2019 DESIGNED BY: B.Humphrey DRAWN BY: J. Clonts	TASMAN	**Tasman Geosciences, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**DCP Midstream** **Hobbs Booster Station** Second Quarter 2022 Groundwater Monitoring Summary Report	Site Map with Monitoring Well Locations	Figure 2



Legend

- Monitoring Well - Presumed Destroyed or Not Located
- Monitoring Well
- LNAPL/SVE Recovery Well
- Air Sparge Point
- Air Sparge System Equipment Platform
- LNAPL/SVE Recovery System Equipment Platform and Holding Tanks
- Groundwater Elevation Contour (Dashed where Inferred)
- 3565.10 Measured Groundwater Elevation (feet AMSL)
- Groundwater Flow Direction

Notes:

NA - Not Applicable

DRY - Water Not Detected

LNAPL - Light Non-Aqueous Phase Liquid

* The groundwater elevation value was corrected due to the presence of LNAPL as follows: (Measured Groundwater Elevation) + (LNAPL thickness * LNAPL Relative Density of 0.75)

** No groundwater was present in well, Free Phase Hydrocarbon Thickness was measured in feet from Depth to Product (DTP) to TD.

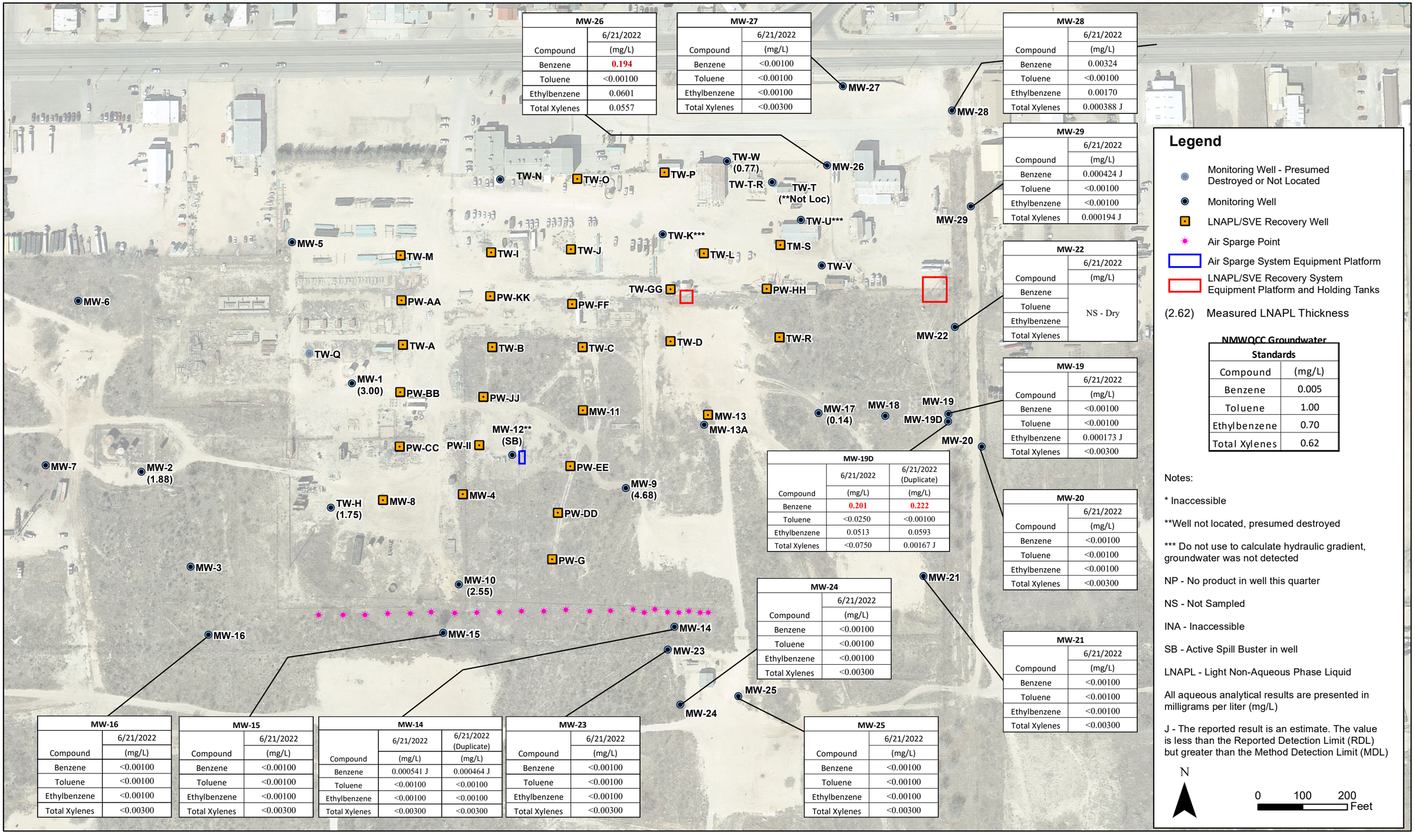
*** Sample not used for contouring purposes.

AMSL - Above Mean Sea Level

N

0 100 200 Feet

DATE: September 2022 DESIGNED BY: B.Humphrey DRAWN BY: L. Reed	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Midstream** **Hobbs Booster Station** Second Quarter 2022 Groundwater Monitoring Summary Report	Groundwater Elevation Contour Map (June 20, 2022)	Figure 3



MW-26	
	6/21/2022
Compound	(mg/L)
Benzene	0.194
Toluene	<0.00100
Ethylbenzene	0.0601
Total Xylenes	0.0557

MW-27	
	6/21/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-28	
	6/21/2022
Compound	(mg/L)
Benzene	0.00324
Toluene	<0.00100
Ethylbenzene	0.00170
Total Xylenes	0.000388 J

MW-29	
	6/21/2022
Compound	(mg/L)
Benzene	0.000424 J
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	0.000194 J

MW-22	
	6/21/2022
Compound	(mg/L)
Benzene	NS - Dry
Toluene	
Ethylbenzene	
Total Xylenes	

MW-19	
	6/21/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	0.000173 J
Total Xylenes	<0.00300

MW-19D		
	6/21/2022	6/21/2022 (Duplicate)
Compound	(mg/L)	(mg/L)
Benzene	0.201	0.222
Toluene	<0.0250	<0.00100
Ethylbenzene	0.0513	0.0593
Total Xylenes	<0.0750	0.00167 J

MW-20	
	6/21/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-21	
	6/21/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-24	
	6/21/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-25	
	6/21/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-16	
	6/21/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-15	
	6/21/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-14		
	6/21/2022	6/21/2022 (Duplicate)
Compound	(mg/L)	(mg/L)
Benzene	0.000541 J	0.000464 J
Toluene	<0.00100	<0.00100
Ethylbenzene	<0.00100	<0.00100
Total Xylenes	<0.00300	<0.00300

MW-23	
	6/21/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

Legend

- Monitoring Well - Presumed Destroyed or Not Located
- Monitoring Well
- LNAPL/SVE Recovery Well
- Air Sparge Point
- Air Sparge System Equipment Platform
- LNAPL/SVE Recovery System Equipment Platform and Holding Tanks

(2.62) Measured LNAPL Thickness

NMWQCC Groundwater Standards

Compound	(mg/L)
Benzene	0.005
Toluene	1.00
Ethylbenzene	0.70
Total Xylenes	0.62

Notes:

* Inaccessible

**Well not located, presumed destroyed

*** Do not use to calculate hydraulic gradient, groundwater was not detected

NP - No product in well this quarter

NS - Not Sampled

INA - Inaccessible

SB - Active Spill Buster in well

LNAPL - Light Non-Aqueous Phase Liquid

All aqueous analytical results are presented in milligrams per liter (mg/L)

J - The reported result is an estimate. The value is less than the Reported Detection Limit (RDL) but greater than the Method Detection Limit (MDL)

N

0 100 200 Feet

DATE: September 2022

DESIGNED BY: B.Humphrey

DRAWN BY: L. Reed

TASMAN

Tasman, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Midstream
Hobbs Booster Station
Second Quarter 2022 Groundwater Monitoring Summary Report

Analytical Results Map (June 21, 2022)

Figure 4

Appendix A

Historical Analytical Results

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-1	09/15/2005	**0.017**	<0.002	0.047	0.066	
MW-1	02/27/2014	LNAPL				Sampled Annually
MW-1	06/03/2014	LNAPL				Sampled Annually
MW-1	09/24/2014	LNAPL				Annual Event
MW-1	12/03/2014	LNAPL				Sampled Annually
MW-1	02/25/2015	LNAPL				Sampled Annually
MW-1	06/03/2015	LNAPL				Sampled Annually
MW-1	09/01/2015	LNAPL				Annual Event
MW-1	12/16/2015	LNAPL				Sampled Annually
MW-1	03/24/2016	LNAPL				Sampled Annually
MW-1	06/23/2016	LNAPL				Sampled Annually
MW-1	09/28/2016	LNAPL				Annual Event
MW-1	12/21/2016	LNAPL				Sampled Annually
MW-1	03/09/2017	LNAPL				Sampled Annually
MW-1	06/21/2017	LNAPL				Sampled Annually
MW-1	09/26/2017	LNAPL				Annual Event
MW-1	12/20/2017	LNAPL				Sampled Annually
MW-1	03/13/2018	LNAPL				Sampled Annually
MW-1	06/26/2018	LNAPL				Sampled Annually
MW-1	09/11/2018	LNAPL				Annual Event
MW-1	12/27/2018	LNAPL				Annual Event
MW-1	09/24/2019	LNAPL				Annual Event
MW-1	09/23/2020	LNAPL				Annual Event
MW-1	12/15/2020	Sampled Annually - Historical LNAPL Present				
MW-1	03/23/2021	Sampled Annually - Historical LNAPL Present				
MW-1	06/29/2021	Sampled Annually - Historical LNAPL Present				
MW-1	09/20/2021	Sampled Annually - Historical LNAPL Present				
MW-1	12/13/2021	Sampled Annually - Historical LNAPL Present				LNAPL - 2.99'
MW-1	03/22/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 2.76'
MW-1	06/21/2022	Sampled Annually - Historical LNAPL Present				LNAPL- 2.56'
MW-2	02/27/2014	LNAPL				Sampled Annually
MW-2	06/03/2014	LNAPL				Sampled Annually
MW-2	09/24/2014	LNAPL				Annual Event
MW-2	12/03/2014	LNAPL				Sampled Annually
MW-2	02/25/2015	LNAPL				Sampled Annually
MW-2	06/03/2015	LNAPL				Sampled Annually
MW-2	09/01/2015	LNAPL				Annual Event
MW-2	12/16/2015	LNAPL				Sampled Annually
MW-2	03/24/2016	DRY				Sampled Annually
MW-2	06/23/2016	LNAPL				Sampled Annually
MW-2	09/29/2016	LNAPL				Annual Event
MW-2	12/21/2016	LNAPL				Sampled Annually
MW-2	03/09/2017	LNAPL				Sampled Annually
MW-2	06/21/2017	LNAPL				Sampled Annually
MW-2	09/26/2017	LNAPL				Annual Event
MW-2	12/20/2017	LNAPL				Sampled Annually
MW-2	03/13/2018	LNAPL				Sampled Annually
MW-2	06/26/2018	LNAPL				Sampled Annually
MW-2	09/11/2018	LNAPL				Annual Event
MW-2	09/24/2019	LNAPL				Annual Event
MW-2	09/23/2020	LNAPL				Annual Event
MW-2	12/15/2020	Sampled Annually - Historical LNAPL Present				
MW-2	03/23/2021	Sampled Annually - Historical LNAPL Present				
MW-2	06/29/2021	Sampled Annually - Historical LNAPL Present				
MW-2	09/20/2021	Sampled Annually - Historical LNAPL Present				
MW-2	12/13/2021	Sampled Annually - Historical LNAPL Present				LNAPL - 2.00'
MW-2	03/22/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 1.96'
MW-2	06/21/2022	Sampled Annually - Historical LNAPL Present				LNAPL- 1.96'
MW-3	09/14/2005	0.0025	<0.002	0.24	0.17	
MW-3	06/21/2006	0.0018	<0.002	0.14	0.089	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-3	06/27/2007	0.0012	<0.002	0.207	0.0977	
MW-3	09/21/2009	<0.002	<0.002	0.0123	0.0031	
MW-3	09/14/2010	<0.001	<0.002	0.0134	-	
MW-3	03/29/2011	NS	NS	NS	NS	
MW-3	09/16/2011	<0.001	<0.002	0.0246	0.0135	
MW-3	12/06/2011	NS	NS	NS	NS	
MW-3	03/09/2012	<0.001	<0.002	0.0019	<0.004	
MW-3	06/06/2012	NS	NS	NS	NS	
MW-3	09/06/2012	<0.001	<0.002	0.0022	0.0023	
MW-3	12/05/2012	NS	NS	NS	NS	
MW-3	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-3	06/03/2013	NS	NS	NS	NS	
MW-3	09/10/2013	<0.001	<0.002	0.0023	<0.003	
MW-3	12/02/2013	NS	NS	NS	NS	
MW-3	02/27/2014	NS	NS	NS	NS	Sampled Annually
MW-3	06/03/2014	NS	NS	NS	NS	Sampled Annually
MW-3	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-3	12/03/2014	NS	NS	NS	NS	Sampled Annually
MW-3	02/25/2015	NS	NS	NS	NS	Sampled Annually
MW-3	06/03/2015	NS	NS	NS	NS	Sampled Annually
MW-3	09/01/2015	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-3	12/16/2015	NS	NS	NS	NS	Sampled Annually
MW-3	03/24/2016	NS	NS	NS	NS	Sampled Annually
MW-3	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-3	09/29/2016	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-3	12/21/2016	NS	NS	NS	NS	Sampled Annually
MW-3	03/09/2017	NS	NS	NS	NS	Sampled Annually
MW-3	06/21/2017	NS	NS	NS	NS	Sampled Annually
MW-3	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	12/20/2017	NS	NS	NS	NS	Sampled Annually
MW-3	03/13/2018	NS	NS	NS	NS	Sampled Annually
MW-3	06/26/2018	NS	NS	NS	NS	Sampled Annually
MW-3	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-3	12/15/2020	Sampled Annually During Third Quarter				
MW-3	03/23/2021	Sampled Annually During Third Quarter				
MW-3	06/29/2021	Sampled Annually During Third Quarter				
MW-3	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-3	12/13/2021	Sampled Annually During Third Quarter				
MW-3	03/22/2022	Sampled Annually During Third Quarter				
MW-3	06/21/2022	Sampled Annually During Third Quarter				
MW-5	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-5	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-5	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-5	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-5	09/14/2010	<0.001	<0.002	<0.002	-	
MW-5	03/29/2011	NS	NS	NS	NS	
MW-5	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-5	12/06/2011	NS	NS	NS	NS	
MW-5	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-5	06/06/2012	NS	NS	NS	NS	
MW-5	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-5	12/05/2012	NS	NS	NS	NS	
MW-5	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-5	06/03/2013	NS	NS	NS	NS	
MW-5	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-5	12/02/2013	NS	NS	NS	NS	
MW-5	02/27/2014	NS	NS	NS	NS	Sampled Annually
MW-5	06/03/2014	NS	NS	NS	NS	Sampled Annually

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-5	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-5	12/03/2014	NS	NS	NS	NS	Sampled Annually
MW-5	02/25/2015	NS	NS	NS	NS	Sampled Annually
MW-5	06/03/2015	NS	NS	NS	NS	Sampled Annually
MW-5	09/01/2015	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	12/16/2015	NS	NS	NS	NS	Sampled Annually
MW-5	03/24/2016	NS	NS	NS	NS	Sampled Annually
MW-5	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-5	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	12/21/2016	NS	NS	NS	NS	Sampled Annually
MW-5	03/09/2017	NS	NS	NS	NS	Sampled Annually
MW-5	06/21/2017	NS	NS	NS	NS	Sampled Annually
MW-5	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	12/20/2017	NS	NS	NS	NS	Sampled Annually
MW-5	03/13/2018	NS	NS	NS	NS	Sampled Annually
MW-5	06/26/2018	NS	NS	NS	NS	Sampled Annually
MW-5	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-5	12/15/2020	NS	NS	NS	NS	
MW-5	03/23/2021	NS	NS	NS	NS	
MW-5	06/29/2021	NS	NS	NS	NS	
MW-5	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-5	12/13/2021	Sampled Annually During Third Quarter				
MW-5	03/22/2022	Sampled Annually During Third Quarter				
MW-5	06/21/2022	Sampled Annually During Third Quarter				
MW-6	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-6	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-6	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-6	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-6	09/14/2010	<0.001	<0.002	<0.002	-	
MW-6	03/29/2011	NS	NS	NS	NS	
MW-6	09/16/2011	<0.001	<0.002	<0.002	<0.004	
MW-6	12/06/2011	NS	NS	NS	NS	
MW-6	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-6	06/06/2012	NS	NS	NS	NS	
MW-6	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-6	12/05/2012	NS	NS	NS	NS	
MW-6	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-6	06/03/2013	NS	NS	NS	NS	
MW-6	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-6	12/02/2013	NS	NS	NS	NS	
MW-6	02/27/2014	NS	NS	NS	NS	Sampled Annually
MW-6	06/03/2014	NS	NS	NS	NS	Sampled Annually
MW-6	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-6	12/03/2014	NS	NS	NS	NS	Sampled Annually
MW-6	02/25/2015	NS	NS	NS	NS	Sampled Annually
MW-6	06/03/2015	NS	NS	NS	NS	Sampled Annually
MW-6	09/01/2015	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-6	12/16/2015	NS	NS	NS	NS	Sampled Annually
MW-6	03/24/2016	NS	NS	NS	NS	Sampled Annually
MW-6	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-6	09/29/2016	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-6	12/21/2016	NS	NS	NS	NS	Sampled Annually
MW-6	03/09/2017	NS	NS	NS	NS	Sampled Annually
MW-6	06/21/2017	NS	NS	NS	NS	Sampled Annually
MW-6	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-6	03/13/2018	NS	NS	NS	NS	Sampled Annually
MW-6	06/26/2018	NS	NS	NS	NS	Sampled Annually
MW-6	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event

APPENDIX A
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BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-6	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-6	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-6	12/15/2020	NS	NS	NS	NS	
MW-6	03/23/2021	NS	NS	NS	NS	
MW-6	06/29/2021	NS	NS	NS	NS	
MW-6	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-6	12/13/2021	Sampled Annually During Third Quarter				
MW-6	03/22/2022	Sampled Annually During Third Quarter				
MW-6	06/21/2022	Sampled Annually During Third Quarter				
MW-7	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-7	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-7	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-7	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-7	09/29/2010	<0.001	<0.002	<0.002	-	
MW-7	03/29/2011	NS	NS	NS	NS	
MW-7	09/16/2011	NS	NS	NS	NS	
MW-7	12/06/2011	NS	NS	NS	NS	
MW-7	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-7	06/06/2012	NS	NS	NS	NS	Sampled Annually
MW-7	09/06/2012	DRY				Annual Event
MW-7	12/05/2012	NS	NS	NS	NS	Sampled Annually
MW-7	02/19/2013	NS	NS	NS	NS	Sampled Annually
MW-7	06/03/2013	NS	NS	NS	NS	Sampled Annually
MW-7	09/10/2013	DRY				Annual Event
MW-7	12/02/2013	NS	NS	NS	NS	Sampled Annually
MW-7	02/27/2014	NS	NS	NS	NS	Sampled Annually
MW-7	06/03/2014	NS	NS	NS	NS	Sampled Annually
MW-7	09/22/2014	DRY				Annual Event
MW-7	12/03/2014	DRY				Sampled Annually
MW-7	02/25/2015	DRY				Sampled Annually
MW-7	06/03/2015	DRY				Sampled Annually
MW-7	09/01/2015	DRY				Annual Event
MW-7	12/16/2015	DRY				Sampled Annually
MW-7	03/24/2016	DRY				Sampled Annually
MW-7	06/23/2016	DRY				Sampled Annually
MW-7	09/28/2016	DRY				Annual Event
MW-7	12/21/2016	DRY				Sampled Annually
MW-7	03/09/2017	DRY				Sampled Annually
MW-7	06/21/2017	DRY				Sampled Annually
MW-7	09/26/2017	DRY				Annual Event
MW-7	12/20/2017	DRY				Sampled Annually
MW-7	03/13/2018	DRY				Sampled Annually
MW-7	06/26/2018	DRY				Sampled Annually
MW-7	09/11/2018	DRY				Annual Event
MW-7	09/24/2019	DRY				Annual Event
MW-7	09/23/2020	DRY				Annual Event
MW-7	12/15/2020	DRY				
MW-7	03/23/2021	DRY				
MW-7	06/29/2021	DRY				
MW-7	09/20/2021	DRY				
MW-7	12/13/2021	Sampled Annually - Historically Dry				
MW-7	03/22/2022	Sampled Annually - Historically Dry				
MW-7	06/21/2022	Sampled Annually - Historically Dry				
MW-9	02/27/2014	LNAPL				Sampled Annually
MW-9	06/03/2014	LNAPL				Sampled Annually
MW-9	09/24/2014	LNAPL				Annual Event
MW-9	12/03/2014	LNAPL				Sampled Annually
MW-9	02/25/2015	LNAPL				Sampled Annually
MW-9	06/03/2015	LNAPL				Sampled Annually
MW-9	09/01/2015	LNAPL				Annual Event

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-9	12/16/2015	LNAPL				Sampled Annually
MW-9	03/24/2016	LNAPL				Sampled Annually
MW-9	06/23/2016	LNAPL				Sampled Annually
MW-9	09/28/2016	LNAPL				Annual Event
MW-9	12/21/2016	LNAPL				Sampled Annually
MW-9	03/09/2017	LNAPL				Sampled Annually
MW-9	06/21/2017	LNAPL				Sampled Annually
MW-9	09/26/2017	LNAPL				Annual Event
MW-9	12/20/2017	LNAPL				Sampled Annually
MW-9	03/13/2018	LNAPL				Sampled Annually
MW-9	06/26/2018	LNAPL				Sampled Annually
MW-9	09/11/2018	LNAPL				Annual Event
MW-9	09/24/2019	LNAPL				Annual Event
MW-9	09/22/2020	LNAPL				Annual Event
MW-9	12/15/2020	Sampled Annually - Historical LNAPL Present				
MW-9	03/23/2021	Sampled Annually - Historical LNAPL Present				
MW-9	06/29/2021	Sampled Annually - Historical LNAPL Present				
MW-9	09/20/2021	LNAPL				Annual Event - LNAPL
MW-9	12/13/2021	Sampled Annually - Historical LNAPL Present				LNAPL - 4.82'
MW-9	03/22/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 4.67'
MW-9	06/21/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 4.75'
MW-10	06/21/2006	**0.62**	0.0195	0.19	0.26	
MW-10	06/27/2007	**0.42**	0.0037	0.221	0.31	
MW-10	09/21/2009	**0.0813**	<0.002	0.343	0.0115	
MW-10	09/14/2010	**0.123**	<0.002	0.274	-	
MW-10	03/29/2011	NS	NS	NS	NS	
MW-10	09/16/2011	**0.213**	<0.002	0.135	<0.02	Duplicate sample collected
MW-10	12/06/2011	NS	NS	NS	NS	
MW-10	03/09/2012	NS	NS	NS	NS	
MW-10	06/06/2012	NS	NS	NS	NS	
MW-10	09/06/2012	NS	NS	NS	NS	
MW-10	12/05/2012	NS	NS	NS	NS	
MW-10	02/19/2013	LNAPL				
MW-10	06/03/2013	LNAPL				
MW-10	09/10/2013	LNAPL				
MW-10	12/02/2013	LNAPL				
MW-10	02/27/2014	LNAPL				Sampled Annually
MW-10	06/03/2014	LNAPL				Sampled Annually
MW-10	09/24/2014	LNAPL				Annual Event
MW-10	12/03/2014	LNAPL				Sampled Annually
MW-10	02/25/2015	LNAPL				Sampled Annually
MW-10	06/03/2015	LNAPL				Sampled Annually
MW-10	09/01/2015	LNAPL				Annual Event
MW-10	12/16/2015	LNAPL				Sampled Annually
MW-10	03/24/2016	LNAPL				Sampled Annually
MW-10	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-10	09/28/2016	LNAPL				Annual Event
MW-10	12/21/2016	LNAPL				Sampled Annually
MW-10	03/09/2017	LNAPL				Sampled Annually
MW-10	06/21/2017	LNAPL				Sampled Annually
MW-10	09/26/2017	LNAPL				Annual Event
MW-10	12/20/2017	LNAPL				Sampled Annually
MW-10	03/13/2018	LNAPL				Sampled Annually
MW-10	06/26/2018	LNAPL				Sampled Annually
MW-10	09/11/2018	LNAPL				Annual Event
MW-10	09/24/2019	LNAPL				Annual Event
MW-10	09/23/2020	NM				Passive Bailer in Well
MW-10	12/15/2020	NS	NS	NS	NS	Passive Bailer in Well
MW-10	03/23/2021	NS	NS	NS	NS	Passive Bailer in Well

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HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-10	06/29/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-10	09/20/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-10	12/13/2021	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 2.74'
MW-10	03/22/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 3.07'
MW-10	06/21/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 3.16'
MW-12	02/27/2014	LNAPL				Sampled Annually
MW-12	06/03/2014	LNAPL				Sampled Annually
MW-12	09/22/2014	LNAPL				Annual Event
MW-12	12/03/2014	LNAPL				Sampled Annually
MW-12	02/25/2015	LNAPL				Sampled Annually
MW-12	06/03/2015	LNAPL				Sampled Annually
MW-12	09/01/2015	LNAPL				Annual Event
MW-12	12/16/2015	LNAPL				Sampled Annually
MW-12	03/24/2016	LNAPL				Sampled Annually
MW-12	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-12	12/21/2016	NS	NS	NS	NS	Sampled Annually
MW-12	03/09/2017	NS	NS	NS	NS	Sampled Annually
MW-12	06/21/2017	NS	NS	NS	NS	Sampled Annually
MW-12	09/26/2017	NS	NS	NS	NS	Spill Buster in Well
MW-12	09/11/2018	NS	NS	NS	NS	Spill Buster in Well
MW-12	09/24/2019	NS	NS	NS	NS	Spill Buster in Well
MW-12	09/23/2020	NS	NS	NS	NS	Spill Buster in Well
MW-12	12/15/2020	NS	NS	NS	NS	Spill Buster in Well
MW-12	03/23/2021	NS	NS	NS	NS	Spill Buster in Well
MW-12	06/29/2021	NS	NS	NS	NS	Spill Buster in Well
MW-12	09/20/2021	NS	NS	NS	NS	Spill Buster in Well
MW-12	12/13/2021	NS	NS	NS	NS	Spill Buster in Well
MW-12	03/22/2022	NS	NS	NS	NS	Spill Buster in Well
MW-12	06/21/2022	NS	NS	NS	NS	Spill Buster in Well
MW-14	03/23/2005	**0.085**	<0.001	0.024	0.0043	
MW-14	06/08/2005	**0.48**	0.0041	0.073	0.013	
MW-14	09/14/2005	**0.077**	<0.002	0.0088	<2.0	
MW-14	12/13/2005	**0.045**	<0.002	0.0099	0.003	
MW-14	03/28/2006	**0.022**	<0.002	0.0068	0.0026	
MW-14	06/21/2006	**0.014**	0.00095	0.005	0.0042	
MW-14	09/27/2006	**0.18**	0.014	0.015	0.026	
MW-14	12/20/2006	**0.5**	0.0204	0.029	0.059	
MW-14	03/29/2007	**0.881**	0.0115	0.0368	0.0809	
MW-14	06/27/2007	**1.11**	0.01	0.0421	0.104	
MW-14	09/06/2007	**0.603**	0.00088	0.0194	0.0243	
MW-14	11/28/2007	**0.431**	<0.0027	0.0155	0.0075	
MW-14	03/06/2008	**0.627**	0.0445	0.0372	0.0228	
MW-14	12/02/2008	**0.38**	<0.002	0.0172	<0.0014	
MW-14	03/09/2009	**0.341**	<0.002	0.017	<0.0014	
MW-14	05/26/2009	**0.285**	<0.01	0.0104	<0.0068	
MW-14	09/21/2009	**0.205**	<0.002	0.008	<0.0017	
MW-14	12/20/2009	**0.165**	<0.002	0.0037	<0.0017	
MW-14	03/09/2010	<0.40	<0.002	<1.0	-	
MW-14	06/14/2010	**0.081**	<0.002	0.0017	-	
MW-14	09/14/2010	**0.11**	<0.002	0.0024	-	
MW-14	12/07/2010	**0.118**	<0.002	0.002	-	
MW-14	03/29/2011	**0.0901**	0.0041	<0.002	<0.002	
MW-14	06/21/2011	**0.187**	<0.0010	0.0043	<0.0020	
MW-14	09/15/2011	**0.15**	<0.002	0.0024	<0.004	
MW-14	12/06/2011	**0.0787**	<0.002	0.0017	<0.004	Duplicate sample collected
MW-14	03/09/2012	**0.0523**	<0.002	0.00066	<0.004	
MW-14	06/06/2012	**0.0335**	<0.002	0.00064	<0.003	
MW-14	09/06/2012	**0.105**	<0.002	0.0012	<0.003	
MW-14	12/05/2012	**0.129**	<0.002	0.00081	<0.003	

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LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-14	02/19/2013	**0.0603**	<0.002	0.00084	<0.003	
MW-14	06/03/2013	**0.0461**	<0.002	0.0012	<0.003	Duplicate sample collected
MW-14	09/10/2013	**0.0959**	<0.002	0.0016	<0.003	Duplicate A sample collected
MW-14	12/02/2013	**0.0636**	<0.002	0.0011	<0.003	Duplicate A sample collected
MW-14	02/27/2014	**0.105**	<0.002	0.0012 J	0.0021 J	Duplicate sample collected
MW-14 - Duplicate	02/27/2014	**0.117**	<0.002	0.0012 J	0.0022 J	
MW-14	06/03/2014	**0.0265**	<0.002	0.00084 J	<0.003	Duplicate sample collected
MW-14 - Duplicate	06/03/2014	**0.0209**	<0.002	0.00058 J	<0.003	
MW-14	09/23/2014	**0.1**	<0.001	0.00066 J	0.0026	Duplicate A Sample Collected
MW-14 (Duplicate)	09/23/2014	**0.0673**	<0.001	0.00064 J	0.0017	
MW-14	12/03/2014	**0.0186**	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	12/03/2014	**0.0216**	<0.001	0.00034 J	0.00081 J	
MW-14	02/25/2015	**0.046**	<0.005	<0.005	<0.015	Duplicate Sample Collected
MW-14 (Duplicate)	02/25/2015	**0.046**	<0.005	<0.005	<0.015	
MW-14	06/03/2015	0.0077	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	06/03/2015	**0.061**	<0.001	<0.001	0.0047	
MW-14	09/01/2015	**0.031**	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	09/01/2015	**0.062**	<0.001	<0.001	<0.003	
MW-14	12/16/2015	**0.12**	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	12/16/2015	**0.056**	<0.001	<0.001	<0.003	
MW-14	03/23/2016	**0.01**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	03/23/2016	**0.06**	<0.0010	<0.0010	<0.0030	
MW-14	06/23/2016	**0.01**	<0.0010	<0.0010	<0.0030	Duplicate Sample Collected
MW-14 (Duplicate)	06/23/2016	**0.017**	<0.0010	<0.0010	<0.0030	
MW-14	09/29/2016	**0.031**	<0.0010	<0.0010	<0.0030	Duplicate Sample Collected
MW-14 (Duplicate)	09/29/2016	**0.037**	<0.0010	<0.0010	<0.0030	
MW-14	12/21/2016	**0.047**	<0.0010	<0.0010	<0.0030	Duplicate Sample Collected
MW-14 (Duplicate)	12/21/2016	**0.015**	<0.0010	<0.0010	<0.0010	
MW-14	03/09/2017	**0.013**	<0.0010	<0.0010	<0.0010	Duplicate Sample Collected
MW-14 (Duplicate)	03/09/2017	**0.027**	<0.0010	<0.0010	<0.0010	
MW-14	06/21/2017	**0.11**	<0.0010	0.0023	0.0016	Duplicate Sample Collected
MW-14 (Duplicate)	06/21/2017	**0.14**	<0.0010	0.0018	0.0018	
MW-14	09/26/2017	**0.35**	<0.0010	0.00237	0.00418	Duplicate sample collected
MW-14 (Duplicate)	09/26/2017	**0.339**	<0.0010	0.00265	0.00448	
MW-14	12/20/2017	**0.127**	<0.005	<0.005	<0.015	Duplicate sample collected
MW-14 (Duplicate)	12/20/2017	**0.138**	<0.001	0.000411 J	<0.0030	
MW-14	03/13/2018	**0.0413**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	03/13/2018	**0.0396**	<0.0010	<0.0010	<0.0030	
MW-14	06/27/2018	**0.0506**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	06/27/2018	**0.0356**	<0.0010	<0.0010	<0.0030	
MW-14	09/11/2018	**0.0543**	<0.0010	0.000764 J	0.00204 J	Duplicate sample collected
MW-14 (Duplicate)	09/11/2018	**0.0593**	<0.0010	0.000654 J	0.00182 J	
MW-14	12/27/2018	**0.115**	<0.0010	0.00142	0.00730	Duplicate sample collected
MW-14 (Duplicate)	12/27/2018	**0.120**	<0.0010	0.00150	0.00785	
MW-14	03/15/2019	**0.148**	<0.0010	0.00039 J	0.00174 J	Duplicate sample collected
MW-14 (Duplicate)	03/15/2019	**0.119**	<0.0010	<0.0010	0.00159 J	
MW-14	06/06/2019	**0.142**	0.000465 J	<0.0010	0.00197 J	Duplicate sample collected
MW-14 (Duplicate)	06/06/2019	**0.138**	<0.0010	<0.0010	0.00158 J	
MW-14	09/25/2019	**0.173**	<0.0010	<0.0010	<0.0030	Duplicate A sample collected
MW-14 (Duplicate)	09/25/2019	**0.170**	<0.0010	0.000401 J	<0.0030	
MW-14	12/16/2019	**0.0851**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	12/16/2019	**0.170**	<0.0010	0.000401 J	<0.0030	
MW-14	06/16/2020	**0.0398**	<0.0010	<0.0010	0.000367 J	Duplicate sample collected
MW-14 (Duplicate)	06/16/2020	**0.0395**	<0.0010	<0.0010	0.000351 J	
MW-14	09/23/2020	**0.00803**	<0.00100	<0.00100	0.000205 J	Duplicate A sample collected
MW-14 (Duplicate)	09/23/2020	**0.0075**	<0.00100	<0.00100	<0.00300	
MW-14	12/15/2020	**0.0120**	<0.00100	<0.00100	0.000458 J	Duplicate A sample collected
MW-14 (Duplicate)	12/15/2020	**0.0128**	<0.00100	<0.00100	0.000470 J	
MW-14	03/23/2021	**0.0111**	<0.00100	<0.00100	0.000379 J	Duplicate A sample collected
MW-14 (Duplicate)	03/23/2021	**0.0117**	<0.00100	<0.00100	0.000328 J	
MW-14	06/30/2021	0.00109	<0.00100	<0.00100	<0.00300	Duplicate A sample collected

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-14 (Duplicate)	06/30/2021	0.000929 J	<0.00100	<0.00100	0.000328 J	
MW-14	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-14	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate B sample collected
MW-14 (Duplicate)	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-14	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-14	06/21/2022	0.000541J	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	06/21/2022	0.000464 J	<0.00100	<0.00100	<0.00300	
MW-15	03/23/2005	<0.001	<0.002	<0.002	<0.006	
MW-15	06/08/2005	<0.001	<0.002	0.0034	<0.006	
MW-15	09/14/2005	<0.002	<0.002	0.0022	<0.006	
MW-15	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-15	03/28/2006	<0.002	<0.002	0.0049	<0.006	
MW-15	06/21/2006	<0.002	<0.002	0.02	<0.006	
MW-15	09/27/2006	0.002	<0.002	<0.002	<0.006	
MW-15	12/20/2006	<0.002	<0.002	<0.002	<0.006	
MW-15	03/29/2007	0.0012	<0.002	0.0045	<0.006	
MW-15	06/27/2007	0.00042	<0.002	0.0014	<0.006	
MW-15	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-15	11/28/2007	<0.0012	<0.002	<0.002	<0.006	
MW-15	03/06/2008	<0.002	<0.002	<0.002	<0.006	
MW-15	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-15	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-15	05/26/2009	0.0024	<0.002	0.0413	<0.006	
MW-15	09/21/2009	0.0033	<0.002	0.0501	<0.006	
MW-15	12/20/2009	0.00093	<0.002	0.0137	<0.006	
MW-15	03/09/2010	0.0041	<0.002	0.099	-	
MW-15	06/14/2010	0.0055	<0.002	0.16	-	
MW-15	09/14/2010	0.00075	<0.002	0.0015	-	
MW-15	12/07/2010	<0.001	<0.002	0.0011	-	
MW-15	03/29/2011	<0.001	<0.002	0.0039	<0.002	
MW-15	06/21/2011	0.0048	<0.002	0.0124	<0.004	
MW-15	09/15/2011	0.0054	<0.002	0.0124	<0.004	
MW-15	12/06/2011	0.0053	<0.002	0.0106	<0.004	
MW-15	03/09/2012	0.0059	<0.002	0.0097	<0.004	Duplicate-1 sample collected
MW-15	06/06/2012	0.0041	<0.002	<0.002	<0.003	Duplicate sample collected
MW-15	09/06/2012	0.0033	<0.002	<0.002	<0.003	Duplicate-1 sample collected
MW-15	12/05/2012	0.0027	<0.002	<0.002	<0.003	Duplicate sample collected
MW-15	02/19/2013	0.002	<0.002	<0.002	<0.003	Duplicate A sample collected
MW-15	06/03/2013	0.0019	<0.002	<0.002	<0.003	
MW-15	09/10/2013	0.0022	<0.002	<0.002	<0.003	
MW-15	12/02/2013	0.0017	<0.002	<0.002	<0.003	
MW-15	02/27/2014	0.0021	<0.002	<0.002	<0.003	
MW-15	06/03/2014	0.0019	<0.002	<0.002	<0.003	
MW-15	09/22/2014	0.0027	<0.001	<0.001	<0.001	
MW-15	12/03/2014	0.0018	0.00031J	<0.001	<0.003	
MW-15	02/25/2015	0.0015	<0.001	0.0021	<0.003	
MW-15	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	03/23/2016	0.001	<0.0010	<0.0010	<0.0030	
MW-15	06/23/2016	0.0011	<0.0010	<0.0010	<0.0030	
MW-15	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15 (Duplicate)	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-15	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-15	03/09/2017	<0.0010	<0.0010	0.0018	<0.0010	
MW-15	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-15	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-15	12/20/2017	0.000362 J	<0.0010	<0.0010	<0.0030	
MW-15	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	03/14/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	03/23/2005	<0.001	<0.002	<0.002	<0.006	
MW-16	06/08/2005	<0.001	<0.002	<0.002	<0.006	
MW-16	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-16	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-16	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	12/20/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	03/29/2007	0.00043	<0.002	<0.002	<0.006	
MW-16	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-16	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-16	11/28/2007	<0.0012	<0.002	<0.002	<0.006	
MW-16	03/06/2008	<0.002	<0.002	<0.002	<0.006	
MW-16	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-16	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	03/09/2010	<0.001	<0.002	0.0028	-	
MW-16	06/14/2010	<0.001	<0.002	<0.30	-	
MW-16	09/14/2010	<0.001	<0.002	<0.00030	-	
MW-16	12/07/2010	<0.001	<0.002	<0.00030	-	
MW-16	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-16	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-16	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-16	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-16	09/23/2014	<0.001	<0.001	<0.001	<0.001	MS/MSD Collected
MW-16	12/03/2014	<0.001	<0.001	<0.001	<0.003	MS/MSD Collected
MW-16	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	09/01/2015	<0.001	<0.001	<0.001	<0.003	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-16	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-17	02/27/2014	LNAPL				Sampled Annually
MW-17	06/03/2014	LNAPL				Sampled Annually
MW-17	09/24/2014	LNAPL				Annual Event
MW-17	12/03/2014	LNAPL				Sampled Annually
MW-17	06/03/2015	LNAPL				Sampled Annually
MW-17	09/01/2015	LNAPL				Annual Event
MW-17	12/16/2015	LNAPL				Sampled Annually
MW-17	03/24/2016	LNAPL				Sampled Annually
MW-17	06/23/2016	LNAPL				Sampled Annually
MW-17	09/28/2016	LNAPL				Annual Event
MW-17	12/21/2016	LNAPL				Sampled Annually
MW-17	03/09/2017	LNAPL				Sampled Annually
MW-17	06/21/2017	LNAPL				Sampled Annually
MW-17	09/26/2017	LNAPL				Annual Event
MW-17	12/20/2017	LNAPL				Sampled Annually
MW-17	03/13/2018	LNAPL				Sampled Annually
MW-17	06/26/2018	LNAPL				Sampled Annually
MW-17	09/11/2018	LNAPL				Annual Event
MW-17	09/24/2019	LNAPL				Annual Event
MW-17	09/23/2020	Not Measured				Passive Bailer in Well
MW-17	12/15/2020	Not Measured				Passive Bailer in Well
MW-17	03/23/2021	Sampled Annually During Third Quarter				Passive Bailer in Well
MW-17	06/29/2021	Sampled Annually During Third Quarter				Passive Bailer in Well
MW-17	09/20/2021	Not Sampled - LNAPL				Passive Bailer in Well
MW-17	12/14/2021	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 0.15'
MW-17	03/22/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; No LNAPL
MW-17	06/21/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; No LNAPL
MW-18	06/21/2006	**0.013**	0.0017	0.031	0.023	
MW-18	06/27/2007	**0.0214**	0.0016	0.0475	0.0178	
MW-18	12/02/2008	**0.0216**	<0.002	0.0221	0.0183	
MW-18	09/21/2009	**0.0445**	<0.002	0.0297	0.0264	
MW-18	02/27/2014	LNAPL				Sampled Annually
MW-18	06/03/2014	LNAPL				Sampled Annually
MW-18	09/24/2014	LNAPL				Annual Event

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-18	12/03/2014	LNAPL				Sampled Annually
MW-18	06/03/2015	LNAPL				Sampled Annually
MW-18	09/01/2015	LNAPL				Annual Event
MW-18	12/16/2015	LNAPL				Sampled Annually
MW-18	03/24/2016	NS	NS	NS	NS	Sampled Annually
MW-18	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-18	09/28/2016	LNAPL				Annual Event
MW-18	12/21/2016	LNAPL				Sampled Annually
MW-18	03/09/2017	LNAPL				Sampled Annually
MW-18	06/21/2017	LNAPL				Sampled Annually
MW-18	09/26/2017	LNAPL				Annual Event
MW-18	12/20/2017	NS	NS	NS	NS	Sampled Annually
MW-18	03/13/2018	NS	NS	NS	NS	Sampled Annually
MW-18	06/26/2018	NS	NS	NS	NS	Sampled Annually
MW-18	09/11/2018	**0.0110**	<0.0010	0.000602 J	<0.0030	Annual Event
MW-18	09/25/2019	**0.0217**	<0.0010	<0.0010	<0.0030	Annual Event
MW-18	09/23/2020	**0.0196**	<0.00100	<0.00100	<0.00300	Annual Event
MW-18	12/15/2020	Sampled Annually During Third Quarter				
MW-18	03/23/2021	Sampled Annually During Third Quarter				
MW-18	06/29/2021	Sampled Annually During Third Quarter				
MW-18	09/21/2021	0.00294	<0.00100	<0.00100	<0.00300	
MW-18	12/14/2021	Sampled Annually During Third Quarter				
MW-18	03/22/2022	Sampled Annually During Third Quarter				
MW-18	06/21/2022	Sampled Annually During Third Quarter				
MW-19	03/23/2005	0.0019	<0.002	<0.002	<0.006	
MW-19	06/08/2005	0.0012	0.072	<0.002	<0.006	
MW-19	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-19	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-19	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-19	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-19	12/20/2006	0.0007	<0.002	<0.002	<0.006	
MW-19	03/29/2007	0.00075	<0.002	<0.002	<0.006	
MW-19	06/27/2007	0.00071	<0.002	<0.002	<0.006	
MW-19	09/06/2007	0.00053	<0.002	<0.002	<0.006	
MW-19	11/28/2007	0.00054	<0.002	<0.002	<0.006	
MW-19	03/06/2008	0.00054	<0.002	<0.002	<0.006	
MW-19	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-19	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	03/09/2010	0.0009	<0.002	<1.0	-	
MW-19	06/14/2010	0.00051	<0.002	<0.30	-	
MW-19	09/14/2010	0.00036	<0.002	<0.002	-	
MW-19	12/07/2010	<0.001	<0.002	0.00068	-	
MW-19	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-19	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-19	06/03/2014	<0.001	<0.002	<0.002	<0.003	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-19	09/23/2014	<0.001	<0.001	<0.001	<0.001	
MW-19	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-19	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-19	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-19	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-19	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/05/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/17/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	12/14/2021	<0.00100	<0.00100	0.000207 J	<0.00300	
MW-19	03/22/2022	<0.00100	<0.00100	0.000372 J	<0.00300	
MW-19	06/21/2022	<0.00100	<0.00100	0.000173 J	<0.00300	
MW-19S	09/27/2006	<0.23	<0.54	<0.48	<1.1	
MW-19S	Well Removed From Sampling Plan					
MW-19S	Well Removed From Sampling Plan					
MW-19D	03/23/2005	0.00073	<0.002	<0.002	<0.006	
MW-19D	06/08/2005	0.0011	0.0012	<0.002	<0.006	
MW-19D	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-19D	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-19D	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-19D	06/21/2006	0.0011	<0.002	<0.002	<0.006	
MW-19D	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-19D	12/20/2006	0.0018	<0.002	0.00074	<0.006	
MW-19D	03/29/2007	0.0007	<0.002	<0.002	<0.006	
MW-19D	06/27/2007	0.00074	<0.002	<0.002	<0.006	
MW-19D	09/06/2007	0.00072	<0.002	<0.002	<0.006	
MW-19D	11/28/2007	0.00093	<0.002	<0.002	<0.006	
MW-19D	03/06/2008	0.001	<0.002	<0.002	<0.006	
MW-19D	12/02/2008	0.0016	<0.002	<0.002	<0.006	
MW-19D	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-19D	05/26/2009	0.00074	<0.002	<0.002	<0.006	
MW-19D	09/21/2009	0.0011	<0.002	<0.002	<0.006	
MW-19D	12/20/2009	0.0009	<0.002	<0.002	<0.006	
MW-19D	03/09/2010	0.0009	<0.002	<0.002	-	
MW-19D	06/14/2010	0.00037	<0.002	<0.002	-	
MW-19D	09/14/2010	0.00086	<0.002	<0.002	-	
MW-19D	12/07/2010	0.00085	<0.002	<0.002	-	
MW-19D	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19D	06/21/2011	.0006 J	<0.002	<0.002	<0.004	
MW-19D	09/15/2011	0.0014	<0.002	<0.002	<0.004	
MW-19D	12/06/2011	0.0015	<0.002	<0.002	<0.004	

APPENDIX A
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BTEX CONCENTRATIONS IN GROUNDWATER
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LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-19D	03/09/2012	0.0015	<0.002	<0.002	<0.004	Duplicate-2 sample collected
MW-19D	06/06/2012	0.00079	<0.002	<0.002	<0.003	
MW-19D	09/06/2012	0.00072	<0.002	<0.002	<0.003	Duplicate-2 sample collected
MW-19D	12/05/2012	0.003	<0.002	0.00069	<0.003	
MW-19D	02/19/2013	0.0086	<0.002	0.0045	<0.003	Duplicate B sample collected
MW-19D	06/03/2013	0.00073	<0.002	0.0064	<0.003	
MW-19D	09/10/2013	0.00054	<0.002	0.00087	<0.003	Duplicate B sample collected
MW-19D	12/02/2013	0.00057	<0.002	<0.002	<0.003	
MW-19D	02/27/2014	0.00059 J	<0.002	<0.002	<0.003	
MW-19D	06/03/2014	0.0022	<0.002	<0.002	<0.003	
MW-19D	09/23/2014	0.0076	<0.001	0.0022	<0.001	
MW-19D	12/03/2014	0.0054	<0.001	0.0042	<0.003	
MW-19D	02/25/2015	<0.001	<0.001	0.0031	<0.003	
MW-19D	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-19D	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-19D	12/16/2015	0.0065	<0.001	<0.001	<0.003	
MW-19D	03/23/2016	0.013	<0.0010	0.0057	<0.0030	
MW-19D	06/23/2016	**0.048**	<0.0010	0.0096	<0.0030	
MW-19D	09/29/2016	**0.046**	<0.0050	0.016	<0.015	
MW-19D	12/21/2016	**0.11**	<0.0010	0.0036	<0.0010	
MW-19D	03/09/2017	**0.09**	<0.0010	0.0036	<0.0010	
MW-19D	06/21/2017	**0.19**	<0.0010	0.024	0.0013	
MW-19D	09/26/2017	**0.23**	<0.0010	0.0619	<0.0030	
MW-19D	12/20/2017	**0.309**	<0.0050	0.0981	<0.0150	
MW-19D	03/13/2018	**0.445**	<0.0050	0.0712	<0.0150	
MW-19D	06/27/2018	**0.318**	<0.0050	0.0623	<0.0150	
MW-19D	09/11/2018	**0.299**	<0.0050	0.0582	<0.0150	
MW-19D	12/27/2018	**0.167**	<0.0010	0.0436	<0.0030	
MW-19D	03/15/2019	**0.0788**	<0.0010	0.0254	<0.0030	
MW-19D	06/05/2019	**0.0792**	<0.0010	0.0198	<0.0030	
MW-19D	09/25/2019	**0.732**	0.00623	0.105	0.00659 J	
MW-19D (Duplicate)	09/25/2019	**0.156**	<0.0010	0.0239	<0.0030	Duplicate B sample collected
MW-19D	12/16/2019	**0.0129**	<0.0010	0.00759	<0.0030	
MW-19D	06/17/2020	0.00318	<0.0010	0.00169	0.000256 J	
MW-19D	09/23/2020	**0.302**	<0.00100	0.0441	0.000924 J	Duplicate B sample collected
MW-19D (Duplicate)	09/23/2020	**0.282**	<0.00100	0.0442	0.000849 J	
MW-19D	12/15/2020	**0.316**	<0.00100	0.0466	0.000605 J	
MW-19D	03/23/2021	**0.539**	<0.0100	0.112	0.00237 J	
MW-19D (Duplicate)	03/23/2021	**0.542**	<0.0100	0.112	<0.0300	Duplicate B sample collected
MW-19D	06/30/2021	**0.514**	<0.0100	0.123	0.00237 J	
MW-19D (Duplicate)	06/30/2021	**0.609**	<0.0100	0.0970 J	<0.0300	Duplicate B sample collected
MW-19D	09/21/2021	**0.673**	<0.00500	0.133	0.00221 J	Duplicate B sample collected
MW-19D (Duplicate)	09/21/2021	**0.673**	<0.00500	0.151	0.00251 J	
MW-19D	12/14/2021	**0.545**	<0.0250	0.140	<0.0750	Duplicate A sample collected
MW-19D (Duplicate)	12/14/2021	**0.442**	<0.001	0.143	0.00474	
MW-19D	03/22/2022	**0.386**	<0.0250	0.0964	0.00676 J	Duplicate B sample collected
MW-19D (Duplicate)	03/22/2022	**0.455**	0.000282 J	0.125	0.00904	
MW-19D	06/21/2022	**0.201**	<0.0250	0.0510	<0.0750	Duplicate B sample collected
MW-19D (Duplicate)	06/21/2022	**0.222**	<0.00100	0.0593	0.00167 J	
MW-20	03/23/2005	<0.001	<0.002	<0.002	<0.006	
MW-20	06/08/2005	<0.001	<0.002	<0.002	<0.006	
MW-20	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-20	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-20	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-20	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-20	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-20	12/20/2006	0.00028	<0.002	<0.002	<0.006	
MW-20	03/29/2007	<0.002	<0.002	<0.002	<0.006	
MW-20	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-20	09/06/2007	<0.002	<0.002	<0.002	<0.006	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-20	11/28/2007	<0.002	<0.002	<0.002	<0.006	
MW-20	03/06/2008	<0.002	<0.002	<0.002	<0.006	
MW-20	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-20	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-20	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-20	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-20	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-20	03/09/2010	<0.001	<0.002	<0.002	-	
MW-20	06/14/2010	<0.001	<0.002	<0.002	-	
MW-20	09/14/2010	<0.001	<0.002	<0.002	-	
MW-20	12/07/2010	<0.001	<0.002	<0.002	-	
MW-20	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-20	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-20	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-20	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-20	03/09/2012	0.00033	<0.002	<0.002	<0.004	
MW-20	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-20	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-20	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-20	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-20	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-20	09/23/2014	<0.001	<0.001	<0.001	<0.001	
MW-20	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-20	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/29/2016	0.0013	<0.0010	<0.0010	<0.0030	
MW-20	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/18/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/23/2020	0.000116 J	<0.00100	<0.00100	<0.00300	
MW-20	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	09/20/2021	0.0000970 J	<0.00100	<0.00100	<0.00300	
MW-20	12/14/2021	0.000229 J	<0.00100	<0.00100	<0.00300	
MW-20	03/22/2022	0.000212 J	<0.00100	<0.00100	<0.00300	
MW-20	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	03/23/2005	<0.001	<0.002	<0.002	<0.006	
MW-21	06/08/2005	<0.001	<0.002	<0.002	<0.006	
MW-21	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-21	12/13/2005	<0.002	<0.002	<0.002	<0.006	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-21	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-21	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-21	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-21	12/20/2006	<0.002	<0.002	<0.002	<0.006	
MW-21	03/29/2007	<0.002	<0.002	<0.002	<0.006	
MW-21	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-21	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-21	11/28/2007	<0.00023	<0.002	<0.002	<0.006	
MW-21	03/06/2008	<0.002	<0.002	<0.002	<0.006	
MW-21	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-21	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	03/09/2010	<0.001	<0.002	<0.002	-	
MW-21	06/14/2010	<0.001	<0.002	<0.002	-	
MW-21	09/14/2010	<0.001	<0.002	<0.002	-	
MW-21	12/07/2010	<0.001	<0.002	<0.002	-	
MW-21	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-21	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-21	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-21	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-21	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-21	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-21	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-21	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-21	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-21	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-21	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-21	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-21	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	09/26/2017	<0.0010	<0.0010	0.00101	0.00743	
MW-21	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/17/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	03/23/2021	<0.00100	<0.00100	<0.00100	0.000230 J	
MW-21	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-21	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	03/23/2005	0.0013	<0.002	<0.001	<0.006	
MW-22	06/08/2005	<0.001	0.0025	0.0073	<0.006	
MW-22	09/14/2005	0.0066	<0.002	<0.002	<0.006	
MW-22	12/13/2005	0.0059	<0.002	<0.002	<0.006	
MW-22	03/28/2006	0.006	<0.002	<0.002	<0.006	
MW-22	06/21/2006	0.0034	<0.002	<0.002	<0.006	
MW-22	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-22	12/20/2006	0.00089	<0.002	<0.002	<0.006	
MW-22	03/29/2007	0.00067	<0.002	<0.002	<0.006	
MW-22	06/27/2007	0.00076	<0.002	<0.002	<0.006	
MW-22	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-22	11/28/2007	0.001	<0.002	<0.002	<0.006	
MW-22	03/06/2008	0.0015	<0.002	<0.002	<0.006	
MW-22	12/02/2008	0.0064	<0.002	<0.002	<0.006	
MW-22	03/09/2009	0.0048	<0.002	<0.002	<0.006	
MW-22	05/26/2009	0.0046	<0.002	<0.002	<0.006	
MW-22	09/21/2009	0.0026	<0.002	<0.002	<0.006	
MW-22	12/20/2009	0.0028	<0.002	<0.002	<0.006	
MW-22	03/29/2011	0.0034	<0.002	<0.002	0.0022	
MW-22	06/21/2011	0.0041	<0.002	.0005 J	<0.004	
MW-22	09/15/2011	0.0037	<0.002	<0.002	<0.004	
MW-22	12/06/2011	0.0028	<0.002	<0.002	<0.004	
MW-22	03/09/2012	0.0034	<0.002	0.00046	<0.004	
MW-22	06/06/2012	0.0031	<0.002	0.00045	<0.003	
MW-22	09/06/2012	0.0021	<0.002	<0.002	<0.003	
MW-22	12/05/2012	0.0033	<0.002	0.00055	0.0031	
MW-22	02/19/2013	0.0046	<0.002	0.0011	0.0043	
MW-22	06/03/2013	0.0054	<0.002	0.001	0.0046	
MW-22	09/10/2013	0.0097	<0.002	0.0029	0.0058	
MW-22	12/02/2013	0.0087	<0.002	0.00084	0.0054	
MW-22	02/27/2014	**0.0122**	<0.002	0.00088 J	0.0061	
MW-22	06/03/2014	**0.0245**	<0.002	0.0010 J	0.0055	
MW-22	09/23/2014	**0.0626**	<0.001	0.0019	0.0092	Duplicate B Sample Collected
MW-22 (Duplicate)	09/23/2014	**0.062**	<0.001	0.0029	0.0086	
MW-22	12/03/2014	**0.0764**	<0.001	0.0015	0.0089	
MW-22	02/25/2015	**0.092**	<0.001	<0.001	0.0084	
MW-22	06/03/2015	**0.11**	<0.001	<0.001	0.0067	
MW-22	09/01/2015	**0.13**	<0.001	<0.001	0.0063	
MW-22	12/17/2015	**0.13**	<0.001	0.0015	0.0063	
MW-22	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/29/2016	0.0015	<0.0010	<0.0010	<0.0030	
MW-22	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-22	03/09/2017	**0.25**	<0.0010	0.01	0.0048	
MW-22	06/21/2017	**0.14**	<0.0010	0.0064	0.0038	
MW-22	09/26/2017	<0.0050	<0.0050	<0.0050	<0.0150	
MW-22	12/20/2017	0.000987 J	<0.0010	<0.0010	<0.0030	
MW-22	03/13/2018	**0.109**	<0.0010	0.013	0.00168 J	
MW-22	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/11/2018	<0.0010	<0.0010	0.000433 J	<0.0030	
MW-22	12/27/2018	**0.0248**	<0.0010	0.00642	<0.0030	
MW-22	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	06/05/2019	**0.0228**	<0.0010	0.00968	0.00125 J	
MW-22	09/25/2019	0.00971	<0.0010	0.0875	0.00678	
MW-22	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	06/17/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	12/15/2020	Not Sampled - Insufficent Volume				

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BTEX CONCENTRATIONS IN GROUNDWATER
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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-22	03/23/2021	Not Sampled - Insufficent Volume				
MW-22	06/30/2021	0.000515 J	<0.00100	0.00180	0.00164 J	
MW-22	09/20/2021	Not Sampled - Insufficent Volume				
MW-22	12/13/2021	Not Sampled - Insufficent Volume				
MW-22	03/22/2022	Not Sampled - Insufficent Volume				
MW-22	06/21/2022	Not Sampled - Insufficent Volume				
MW-23	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-23	03/09/2009	0.00049	<0.002	<0.002	<0.006	
MW-23	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	03/09/2010	<0.001	<0.002	<0.002	-	
MW-23	06/14/2010	<0.001	<0.002	<0.002	-	
MW-23	09/14/2010	<0.001	<0.002	<0.002	-	
MW-23	12/07/2010	<0.001	<0.002	<0.002	-	
MW-23	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-23	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-23	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-23	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-23	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-23	12/03/2014	0.0016	<0.001	0.00086 J	<0.003	
MW-23	02/25/2015	0.0084	<0.005	<0.005	<0.015	
MW-23	06/03/2015	0.0011	<0.001	<0.001	<0.003	
MW-23	09/01/2015	0.0015	<0.001	<0.001	<0.003	
MW-23	12/16/2015	0.0015	<0.001	<0.001	<0.003	
MW-23	03/23/2016	0.0014	<0.0010	0.0054	<0.0030	
MW-23	06/23/2016	**0.013**	<0.0010	0.012	0.0062	
MW-23	09/29/2016	**0.039**	<0.0050	0.02	<0.015	
MW-23	12/21/2016	0.0011	<0.0010	0.0015	0.0014	
MW-23	03/09/2017	<0.0010	<0.0010	0.0015	0.001	
MW-23	06/21/2017	0.0063	<0.0010	0.015	0.0082	
MW-23	09/26/2017	0.005	<0.0010	0.0111	0.00587	
MW-23	12/20/2017	0.00164	<0.0010	0.00827	0.00275 J	
MW-23	03/13/2018	0.00348	<0.0010	0.0097	0.0024 J	
MW-23	06/27/2018	0.00644	<0.0010	0.0125	0.00198 J	
MW-23	09/11/2018	0.00447	<0.0010	0.00597	0.00131 J	
MW-23	12/27/2018	**0.0352**	0.00414J	0.0287	0.00282J	
MW-23	03/15/2019	**0.0223**	<0.0010	0.0109	<0.0030	
MW-23	06/06/2019	0.00502	<0.0010	0.0062	<0.0030	
MW-23	09/25/2019	0.00233	<0.0010	0.00378	<0.0030	
MW-23	12/16/2019	0.00164	<0.0010	0.00289	<0.0030	
MW-23	06/16/2020	0.00889	<0.0010	0.00513	0.00218 J	
MW-23	09/23/2020	**0.0352**	0.000416 J	0.0234	0.00535	
MW-23	12/15/2020	**0.0487**	0.000309 J	0.0201	0.00652	
MW-23	03/23/2021	**0.0185**	<0.00100	0.0205	0.00294 J	
MW-23	06/29/2021	**0.0490**	0.000303 J	0.0248	0.00631	
MW-23	09/21/2021	**0.0947**	0.000403 J	0.0383	0.0109	
MW-23	12/14/2021	**0.0256**	<0.00100	0.0114	0.00340	
MW-23	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-23	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-24	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-24	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	03/09/2010	<0.001	<0.002	<0.002	-	
MW-24	06/14/2010	<0.001	<0.002	<0.002	-	
MW-24	09/14/2010	<0.001	<0.002	<0.002	-	
MW-24	12/07/2010	<0.001	<0.002	<0.002	-	
MW-24	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-24	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-24	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-24	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-24	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-24	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-24	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-24	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-24	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-24	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-24	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-24	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-24	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/27/2018	0.000463 J	<0.0010	<0.0010	<0.0030	
MW-24	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-25	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	03/09/2010	<0.001	<0.002	<0.002	-	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-25	06/14/2010	<0.001	<0.002	<0.002	-	
MW-25	09/14/2010	<0.001	<0.002	<0.002	-	
MW-25	12/07/2010	<0.001	<0.002	<0.002	-	
MW-25	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-25	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-25	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-25	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-25	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-25	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-25	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-25	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-25	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-25	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-26	12/16/2019	0.00845	<0.0010	0.00135	0.00126 J	
MW-26	06/17/2020	**0.0313**	<0.0010	0.00873	0.00904	
MW-26	09/23/2020	NS	NS	NS	NS	
MW-26	12/15/2020	**0.0776**	<0.00100	0.0148	0.0214	
MW-26	03/23/2021	**0.186**	<0.00500	0.039	0.0527	
MW-26	06/29/2021	**0.225**	<0.00500	0.0367	0.0458	
MW-26	09/20/2021	NS	NS	NS	NS	
MW-26	12/14/2021	**0.141**	<0.00100	0.0284	0.0324	
MW-26	03/22/2022	**0.173**	<0.00100	0.0540	0.0665	
MW-26	06/21/2022	**0.194**	<0.00100	0.0601	0.0577	
MW-27	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-27	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
MW-27	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-27	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-27	09/23/2020	0.0000997 J	<0.00100	<0.00100	<0.00300	
MW-27	12/15/2020	0.000109 J	<0.00100	<0.00100	<0.00300	
MW-27	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	09/20/2021	0.0000970 J	<0.00100	<0.00100	<0.00300	
MW-27	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	03/22/2022	0.000137 J	<0.00100	<0.00100	<0.00300	
MW-27	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-28	06/06/2019	0.0022	<0.0010	0.000416 J	<0.0030	
MW-28	09/25/2019	0.00298	<0.0010	0.000902 J	<0.0030	
MW-28	12/16/2019	0.00263	<0.0010	0.000819 J	<0.0030	
MW-28	06/16/2020	0.003	<0.0010	0.00185	0.00261 J	
MW-28	09/23/2020	0.00444	<0.00100	0.00115	0.000675 J	
MW-28	12/15/2020	0.00428	<0.00100	0.000946 J	0.000429 J	
MW-28	03/23/2021	0.00484	<0.00100	0.00194	0.000607 J	
MW-28	06/29/2021	0.00409	<0.00100	0.00186	0.000344 J	
MW-28	09/20/2021	0.00412	<0.00100	0.00189	0.000549 J	
MW-28	12/14/2021	0.00441	<0.00100	0.00269	0.000631 J	
MW-28	03/22/2022	0.00315	<0.00100	0.00217	0.000527 J	
MW-28	06/21/2022	0.00324	<0.00100	0.00170	0.000388 J	
MW-29	06/06/2019	0.00902	<0.0010	0.000403 J	<0.0030	
MW-29	09/25/2019	**0.0253**	<0.0010	<0.0010	<0.0030	
MW-29	12/16/2019	**0.0507**	<0.0010	0.00180	<0.0030	
MW-29	06/18/2020	0.00168	<0.0010	<0.0010	<0.0030	
MW-29	09/23/2020	**0.103**	<0.00100	0.00732	0.00514	
MW-29	12/15/2020	**0.144**	<0.00100	0.00193	0.00264 J	
MW-29	03/23/2021	**0.282**	0.000392 J	0.0193	0.0233	
MW-29	06/29/2021	**0.0735**	0.000392 J	0.00176	0.00250 J	
MW-29	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-29	12/14/2021	0.000123 J	<0.00100	<0.00100	<0.00300	
MW-29	03/22/2022	0.000161 J	<0.00100	<0.00100	<0.00300	
MW-29	06/21/2022	0.000424 J	<0.00100	<0.00100	0.000194 J	
Trip Blank	06/03/2014	<0.001	<0.002	<0.002	<0.003	
Trip Blank	09/22/2014	<0.001	<0.001	<0.001	<0.001	
Trip Blank	12/03/2014	<0.001	<0.001	<0.001	<0.003	
Trip Blank	02/25/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	06/03/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	09/01/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	12/16/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
Trip Blank	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
Trip Blank	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
Trip Blank	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	09/25/2019	NM	NM	NM	NM	
Trip Blank	12/17/2019	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.75**	**0.62**	
Trip Blank	09/22/2020	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	12/15/2020	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	03/23/2021	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/30/2021	0.00203	<0.0010	<0.0010	<0.0030	
Trip Blank	09/21/2021	0.000228 J	<0.00100	<0.00100	<0.00300	
Trip Blank	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	

Notes:
Bold red values indicate an exceedance of the NMWQCC groundwater standards for the Site.
NMWQCC = New Mexico Water Quality Control Commission
LNAPL = Light Non-Aqueous Phase Liquid
J = A qualifier indicating an estimated value of a concentration above the laboratory's Method Detection Limit (MDL) but below the Reported Detection Limit (RDL).
NS = Not Sampled
NM - Not Measured
mg/L = milligrams per liter

Appendix B

Laboratory Analytical Report

- Pace Job #: L157827

Pace Analytical®

ANALYTICAL REPORT

July 01, 2022

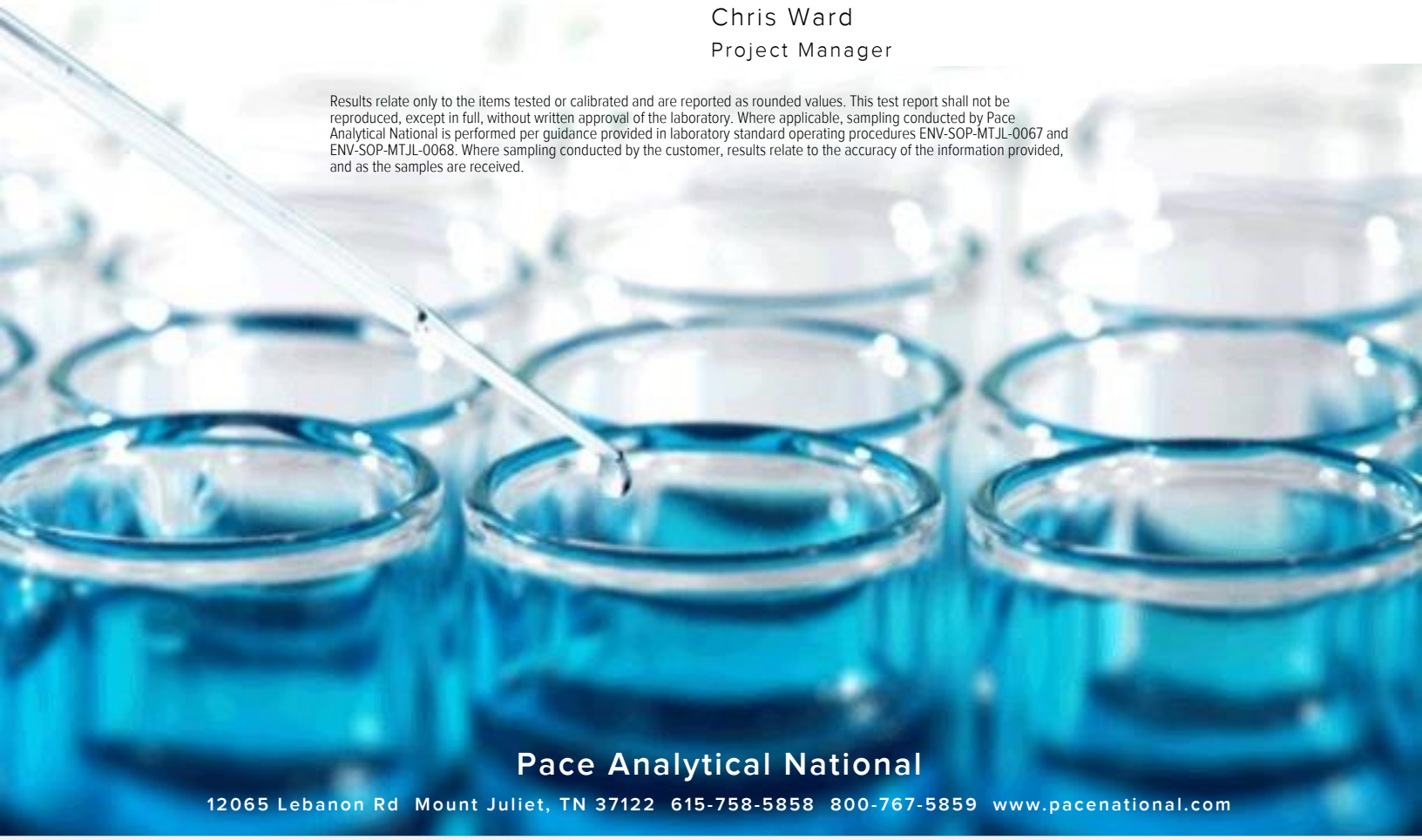
DCP Midstream - Tasman

Sample Delivery Group:	L1507827
Samples Received:	06/22/2022
Project Number:	
Description:	Former Hobbs Booster Station

Report To: Kyle Norman
2620 W. Marland Blvd
Hobbs, NM 88240

Entire Report Reviewed By: Chris Ward

Chris Ward
Project Manager



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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MW-14 L1507827-01 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 10:15 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887572	1	06/30/22 06:08	06/30/22 06:08	ACG	Mt. Juliet, TN

MW-15 L1507827-02 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 11:15 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887572	1	06/30/22 06:27	06/30/22 06:27	ACG	Mt. Juliet, TN

MW-16 L1507827-03 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 11:35 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887572	1	06/30/22 06:46	06/30/22 06:46	ACG	Mt. Juliet, TN

MW-19 L1507827-04 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 09:15 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887572	1	06/30/22 07:06	06/30/22 07:06	ACG	Mt. Juliet, TN

MW-19D L1507827-05 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 08:55 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887572	25	06/30/22 10:39	06/30/22 10:39	ACG	Mt. Juliet, TN

MW-20 L1507827-06 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 08:35 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887572	1	06/30/22 07:25	06/30/22 07:25	ACG	Mt. Juliet, TN

MW-21 L1507827-07 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 09:35 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887572	1	06/30/22 07:45	06/30/22 07:45	ACG	Mt. Juliet, TN

MW-23 L1507827-08 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 09:55 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887572	1	06/30/22 08:04	06/30/22 08:04	ACG	Mt. Juliet, TN

MW-24 L1507827-09 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 10:35 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887572	1	06/30/22 08:23	06/30/22 08:23	ACG	Mt. Juliet, TN

MW-25 L1507827-10 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 10:55 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887572	1	06/30/22 08:43	06/30/22 08:43	ACG	Mt. Juliet, TN

MW-27 L1507827-11 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 07:55 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887572	1	06/30/22 09:02	06/30/22 09:02	ACG	Mt. Juliet, TN

MW-28 L1507827-12 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 07:35 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887572	1	06/30/22 09:22	06/30/22 09:22	ACG	Mt. Juliet, TN

MW-29 L1507827-13 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 08:15 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887572	1	06/30/22 09:41	06/30/22 09:41	ACG	Mt. Juliet, TN

DUPLICATE A L1507827-14 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 00:00 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887640	1	06/29/22 17:51	06/29/22 17:51	AV	Mt. Juliet, TN

DUPLICATE B L1507827-15 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 00:00 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887640	1	06/29/22 18:10	06/29/22 18:10	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1888391	5	07/01/22 01:25	07/01/22 01:25	JHH	Mt. Juliet, TN

TRIP BLANK L1507827-16 GW

Collected by: Becky Griffin | Collected date/time: 06/21/22 15:00 | Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887640	1	06/29/22 16:35	06/29/22 16:35	AV	Mt. Juliet, TN

SAMPLE SUMMARY

MW-26 L1507827-17 GW

Collected by: Becky Griffin
Collected date/time: 06/21/22 12:50
Received date/time: 06/22/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1887640	1	06/29/22 18:29	06/29/22 18:29	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1888391	5	07/01/22 01:44	07/01/22 01:44	JHH	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris Ward
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Lab Sample ID	Project Sample ID	Method
L1507827-06	MW-20	8260B
L1507827-07	MW-21	8260B
L1507827-08	MW-23	8260B
L1507827-09	MW-24	8260B
L1507827-10	MW-25	8260B
L1507827-13	MW-29	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000541	J	0.0000941	0.00100	1	06/30/2022 06:08	WG1887572
Toluene	U		0.000278	0.00100	1	06/30/2022 06:08	WG1887572
Ethylbenzene	U		0.000137	0.00100	1	06/30/2022 06:08	WG1887572
Total Xylenes	U		0.000174	0.00300	1	06/30/2022 06:08	WG1887572
(S) Toluene-d8	*100*			*80.0-120*		*06/30/2022 06:08*	WG1887572
(S) 4-Bromofluorobenzene	*98.8*			*77.0-126*		*06/30/2022 06:08*	WG1887572
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*06/30/2022 06:08*	WG1887572

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/30/2022 06:27	WG1887572
Toluene	U		0.000278	0.00100	1	06/30/2022 06:27	WG1887572
Ethylbenzene	U		0.000137	0.00100	1	06/30/2022 06:27	WG1887572
Total Xylenes	U		0.000174	0.00300	1	06/30/2022 06:27	WG1887572
(S) Toluene-d8	*90.6*			*80.0-120*		*06/30/2022 06:27*	WG1887572
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*		*06/30/2022 06:27*	WG1887572
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*06/30/2022 06:27*	WG1887572

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/30/2022 06:46	WG1887572
Toluene	U		0.000278	0.00100	1	06/30/2022 06:46	WG1887572
Ethylbenzene	U		0.000137	0.00100	1	06/30/2022 06:46	WG1887572
Total Xylenes	U		0.000174	0.00300	1	06/30/2022 06:46	WG1887572
(S) Toluene-d8	*96.8*			*80.0-120*		*06/30/2022 06:46*	WG1887572
(S) 4-Bromofluorobenzene	*82.4*			*77.0-126*		*06/30/2022 06:46*	WG1887572
(S) 1,2-Dichloroethane-d4	*122*			*70.0-130*		*06/30/2022 06:46*	WG1887572

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/30/2022 07:06	WG1887572
Toluene	U		0.000278	0.00100	1	06/30/2022 07:06	WG1887572
Ethylbenzene	0.000173	J	0.000137	0.00100	1	06/30/2022 07:06	WG1887572
Total Xylenes	U		0.000174	0.00300	1	06/30/2022 07:06	WG1887572
(S) Toluene-d8	*89.6*			*80.0-120*		*06/30/2022 07:06*	WG1887572
(S) 4-Bromofluorobenzene	*98.1*			*77.0-126*		*06/30/2022 07:06*	WG1887572
(S) 1,2-Dichloroethane-d4	*125*			*70.0-130*		*06/30/2022 07:06*	WG1887572

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.201		0.00235	0.0250	25	06/30/2022 10:39	WG1887572
Toluene	U		0.00695	0.0250	25	06/30/2022 10:39	WG1887572
Ethylbenzene	0.0513		0.00343	0.0250	25	06/30/2022 10:39	WG1887572
Total Xylenes	U		0.00435	0.0750	25	06/30/2022 10:39	WG1887572
(S) Toluene-d8	*98.5*			*80.0-120*		*06/30/2022 10:39*	WG1887572
(S) 4-Bromofluorobenzene	*78.8*			*77.0-126*		*06/30/2022 10:39*	WG1887572
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*06/30/2022 10:39*	WG1887572

MW-20
Collected date/time: 06/21/22 08:35
L1507827

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/30/2022 07:25	WG1887572
Toluene	U		0.000278	0.00100	1	06/30/2022 07:25	WG1887572
Ethylbenzene	U		0.000137	0.00100	1	06/30/2022 07:25	WG1887572
Total Xylenes	U		0.000174	0.00300	1	06/30/2022 07:25	WG1887572
(S) Toluene-d8	*94.8*			*80.0-120*		*06/30/2022 07:25*	WG1887572
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*06/30/2022 07:25*	WG1887572
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*06/30/2022 07:25*	WG1887572

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/30/2022 07:45	WG1887572
Toluene	U		0.000278	0.00100	1	06/30/2022 07:45	WG1887572
Ethylbenzene	U		0.000137	0.00100	1	06/30/2022 07:45	WG1887572
Total Xylenes	U		0.000174	0.00300	1	06/30/2022 07:45	WG1887572
(S) Toluene-d8	*99.8*			*80.0-120*		*06/30/2022 07:45*	WG1887572
(S) 4-Bromofluorobenzene	*78.6*			*77.0-126*		*06/30/2022 07:45*	WG1887572
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*06/30/2022 07:45*	WG1887572

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/30/2022 08:04	WG1887572
Toluene	U		0.000278	0.00100	1	06/30/2022 08:04	WG1887572
Ethylbenzene	U		0.000137	0.00100	1	06/30/2022 08:04	WG1887572
Total Xylenes	U		0.000174	0.00300	1	06/30/2022 08:04	WG1887572
(S) Toluene-d8	*95.9*			*80.0-120*		*06/30/2022 08:04*	WG1887572
(S) 4-Bromofluorobenzene	*80.4*			*77.0-126*		*06/30/2022 08:04*	WG1887572
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*06/30/2022 08:04*	WG1887572

MW-24
Collected date/time: 06/21/22 10:35
L1507827

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/30/2022 08:23	WG1887572
Toluene	U		0.000278	0.00100	1	06/30/2022 08:23	WG1887572
Ethylbenzene	U		0.000137	0.00100	1	06/30/2022 08:23	WG1887572
Total Xylenes	U		0.000174	0.00300	1	06/30/2022 08:23	WG1887572
(S) Toluene-d8	*97.9*			*80.0-120*		*06/30/2022 08:23*	WG1887572
(S) 4-Bromofluorobenzene	*79.2*			*77.0-126*		*06/30/2022 08:23*	WG1887572
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*06/30/2022 08:23*	WG1887572

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/30/2022 08:43	WG1887572
Toluene	U		0.000278	0.00100	1	06/30/2022 08:43	WG1887572
Ethylbenzene	U		0.000137	0.00100	1	06/30/2022 08:43	WG1887572
Total Xylenes	U		0.000174	0.00300	1	06/30/2022 08:43	WG1887572
(S) Toluene-d8	*101*			*80.0-120*		*06/30/2022 08:43*	WG1887572
(S) 4-Bromofluorobenzene	*81.4*			*77.0-126*		*06/30/2022 08:43*	WG1887572
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*06/30/2022 08:43*	WG1887572

MW-27
Collected date/time: 06/21/22 07:55
L1507827

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/30/2022 09:02	WG1887572
Toluene	U		0.000278	0.00100	1	06/30/2022 09:02	WG1887572
Ethylbenzene	U		0.000137	0.00100	1	06/30/2022 09:02	WG1887572
Total Xylenes	U		0.000174	0.00300	1	06/30/2022 09:02	WG1887572
(S) Toluene-d8	*97.2*			*80.0-120*		*06/30/2022 09:02*	WG1887572
(S) 4-Bromofluorobenzene	*93.8*			*77.0-126*		*06/30/2022 09:02*	WG1887572
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*06/30/2022 09:02*	WG1887572

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00324		0.0000941	0.00100	1	06/30/2022 09:22	WG1887572
Toluene	U		0.000278	0.00100	1	06/30/2022 09:22	WG1887572
Ethylbenzene	0.00170		0.000137	0.00100	1	06/30/2022 09:22	WG1887572
Total Xylenes	0.000388	J	0.000174	0.00300	1	06/30/2022 09:22	WG1887572
(S) Toluene-d8	*101*			*80.0-120*		*06/30/2022 09:22*	WG1887572
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*06/30/2022 09:22*	WG1887572
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*06/30/2022 09:22*	WG1887572

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000424	J	0.0000941	0.00100	1	06/30/2022 09:41	WG1887572
Toluene	U		0.000278	0.00100	1	06/30/2022 09:41	WG1887572
Ethylbenzene	U		0.000137	0.00100	1	06/30/2022 09:41	WG1887572
Total Xylenes	0.000194	J	0.000174	0.00300	1	06/30/2022 09:41	WG1887572
(S) Toluene-d8	*97.6*			*80.0-120*		*06/30/2022 09:41*	WG1887572
(S) 4-Bromofluorobenzene	*98.6*			*77.0-126*		*06/30/2022 09:41*	WG1887572
(S) 1,2-Dichloroethane-d4	*94.4*			*70.0-130*		*06/30/2022 09:41*	WG1887572

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000464	J	0.0000941	0.00100	1	06/29/2022 17:51	WG1887640
Toluene	U		0.000278	0.00100	1	06/29/2022 17:51	WG1887640
Ethylbenzene	U		0.000137	0.00100	1	06/29/2022 17:51	WG1887640
Total Xylenes	U		0.000174	0.00300	1	06/29/2022 17:51	WG1887640
(S) Toluene-d8	*105*			*80.0-120*		*06/29/2022 17:51*	WG1887640
(S) 4-Bromofluorobenzene	*96.1*			*77.0-126*		*06/29/2022 17:51*	WG1887640
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*06/29/2022 17:51*	WG1887640

DUPLICATE B
Collected date/time: 06/21/22 00:00
L1507827

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.222		0.000471	0.00500	5	07/01/2022 01:25	WG1888391
Toluene	U		0.000278	0.00100	1	06/29/2022 18:10	WG1887640
Ethylbenzene	0.0593		0.000137	0.00100	1	06/29/2022 18:10	WG1887640
Total Xylenes	0.00167	J	0.000174	0.00300	1	06/29/2022 18:10	WG1887640
(S) Toluene-d8	*107*			*80.0-120*		*06/29/2022 18:10*	WG1887640
(S) Toluene-d8	*95.4*			*80.0-120*		*07/01/2022 01:25*	WG1888391
(S) 4-Bromofluorobenzene	*98.1*			*77.0-126*		*06/29/2022 18:10*	WG1887640
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*07/01/2022 01:25*	WG1888391
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*06/29/2022 18:10*	WG1887640
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*07/01/2022 01:25*	WG1888391

TRIP BLANK
Collected date/time: 06/21/22 15:00
L1507827

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/29/2022 16:35	WG1887640
Toluene	U		0.000278	0.00100	1	06/29/2022 16:35	WG1887640
Ethylbenzene	U		0.000137	0.00100	1	06/29/2022 16:35	WG1887640
Total Xylenes	U		0.000174	0.00300	1	06/29/2022 16:35	WG1887640
(S) Toluene-d8	*103*			*80.0-120*		*06/29/2022 16:35*	WG1887640
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*06/29/2022 16:35*	WG1887640
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*06/29/2022 16:35*	WG1887640

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	0.194		0.000471	0.00500	5	07/01/2022 01:44	WG1888391
Toluene	U		0.000278	0.00100	1	06/29/2022 18:29	WG1887640
Ethylbenzene	0.0601		0.000137	0.00100	1	06/29/2022 18:29	WG1887640
Total Xylenes	0.0557		0.000174	0.00300	1	06/29/2022 18:29	WG1887640
(S) Toluene-d8	*105*			*80.0-120*		*06/29/2022 18:29*	WG1887640
(S) Toluene-d8	*94.4*			*80.0-120*		*07/01/2022 01:44*	WG1888391
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*		*06/29/2022 18:29*	WG1887640
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*07/01/2022 01:44*	WG1888391
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*06/29/2022 18:29*	WG1887640
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*07/01/2022 01:44*	WG1888391

Method Blank (MB)

(MB) R3809976-3 06/30/22 04:11

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*99.1*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3809976-1 06/30/22 03:13 • (LCSD) R3809976-2 06/30/22 03:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00465	0.00502	93.0	100	70.0-123			7.65	20
Toluene	0.00500	0.00443	0.00470	88.6	94.0	79.0-120			5.91	20
Ethylbenzene	0.00500	0.00437	0.00476	87.4	95.2	79.0-123			8.54	20
Xylenes, Total	0.0150	0.0131	0.0141	87.3	94.0	79.0-123			7.35	20
(S) Toluene-d8				*99.1*	*96.4*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.9*	*98.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*104*	*106*	*70.0-130*				

Method Blank (MB)

(MB) R3809516-3 06/29/22 15:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*103*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3809516-1 06/29/22 12:26 • (LCSD) R3809516-2 06/29/22 14:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00484	0.00486	96.8	97.2	70.0-123			0.412	20
Toluene	0.00500	0.00472	0.00463	94.4	92.6	79.0-120			1.93	20
Ethylbenzene	0.00500	0.00487	0.00460	97.4	92.0	79.0-123			5.70	20
Xylenes, Total	0.0150	0.0143	0.0135	95.3	90.0	79.0-123			5.76	20
(S) Toluene-d8				*103*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*103*	*97.5*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*118*	*120*	*70.0-130*				

Method Blank (MB)

(MB) R3809900-3 06/30/22 16:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
(S) Toluene-d8	*96.9*			*80.0-120*
(S) 4-Bromofluorobenzene	*102*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3809900-1 06/30/22 15:52 • (LCSD) R3809900-2 06/30/22 16:11

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00512	0.00500	102	100	70.0-123			2.37	20
(S) Toluene-d8				*94.8*	*94.2*	*80.0-120*				
(S) 4-Bromofluorobenzene				*105*	*102*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*118*	*120*	*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

DCP Midstream - Tasman

2620 W. Marland Blvd
Hobbs, NM 88240

Billing Information:
Steve Weathers
370 17th St, Ste 2500
Denver, CO 80202

Pres Chk

Report to: Kyle Norman

Email To: knorman@tasman-geo.com;swweathers@dcpmidstream.com;jwat

Project Description: Former Hobbs Booster Station

City/State Collected:

Please Circle: PT MT CT ET

Phone: 720-218-4003

Client Project #

Lab Project # DCPTASMAN-HOBBSBOOST

Collected by (print): BECKY GRIFFIN

Site/Facility ID #

P.O. # 0000524225

Collected by (signature): Becky Griffin

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custod

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1507827

C244

Acctnum: DCPTASMAN
Template: T127772
Prelogin: P930529
PM: 824 - Chris Ward
PB: 6/10/22 MW
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-14		GW		6-21-22	1015	3	X		-01
MW-15		GW			1115				-02
MW-16		GW			1135				-03
MW-19		GW			0915				-04
MW-19D		GW			0855				-05
MW-20		GW			0835				-06
MW-21		GW			0935				-07
MW-22		~~GW~~							
MW-23		GW		6-21-22	0955	3	X		-08
MW-24		GW		"	1035	"	"		-09

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 5719 6192 7313

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Becky Griffin	6-21-22	1500	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			D. Ramsey

Trip Blank Received: Yes / No
HCL / MeoH
TBR
1

Temp: DRAFT °C Bottles Received: 49
.6+.0=.6

Date: 6-22-22 Time: 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

DCP Midstream - Tasman

2620 W. Marland Blvd
Hobbs, NM 88240

Billing Information:
Steve Weathers
370 17th St, Ste 2500
Denver, CO 80202

Pres Chk

Report to: Kyle Norman

Email To: knorman@tasman-geo.com;swweathers@dcpmidstream.com;jwat

Project Description: Former Hobbs Booster Station

City/State Collected:

Please Circle: PT MT CT ET

Phone: 720-218-4003

Client Project #

Lab Project # DCPTASMAN-HOBBSBOOST

Collected by (print): BECKY GRIFFIN

Collected by (signature): Becky Griffin

Immediately Packed on Ice N ___ Y ___

Site/Facility ID #

P.O. # 0000524225

Quote #

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-25		GW		6-21-22	1055	3	X		-10
MW-27		GW			0725				-11
MW-28		GW			0935				-12
MW-29		GW			0945				-13
DUPLICATE A		GW							-14
DUPLICATE B		GW							-15
TRIP BLANK		GW			1500	1			-16
MW-26					1250				-17

Analysis / Container / Preservative

Chain of Custody

Pace
PEOPLE ADVANCING SCIENCE

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SDG # L507827

Table #

Acctnum: DCPTASMAN

Template: T127772

Prelogin: P930529

PM: 824 - Chris Ward

PB: 6-10-22 nm

Shipped Via: FedEx Ground

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Becky Griffin	6-21-22	1500	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: ORAT °C Bottles Received:
.6+.0=.6

Date: 6-22-22 Time: 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

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 177352

CONDITIONS

Operator:	OGRID:
DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	36785
	Action Number: 177352
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Accepted for the record. See app ID 198906 for most updated status.	3/27/2023