Third Quarter 2022 Groundwater Monitoring Summary Report

Hobbs Booster Station
Lea County, New Mexico
AP-114
Incident # nAPP2301325760

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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 September 14 and 15, 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, D and F, Section 4, Township 19 South, Range 38 East (Figure 1). The facility coordinates are approximately 32.694875 degrees north and 103.156252 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 third quarter 2022 monitoring event on September 14 and 15, 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. Groundwater and/or LNAPL levels were unable to be collected from monitoring well TW-Q and presumed to have been destroyed. Monitor well TW-T was replaced by monitor well TW-TR, which was installed in May 2019. The passive LNAPL bailers were temporarily removed at monitoring wells MW-10 and MW-17 for gauging. MW-12 was not gauged during the monitoring event.

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 are presented in Table 1. A third 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

	Third Quarter 2022 (9/14/2022)
Maximum Elevation (Well ID)	3,571.88’ (MW-6)
Minimum Elevation (Well ID)	3,562.00’ (MW-29)
Average Change from Previous Monitoring Event – All Wells	-0.12 feet
Hydraulic Gradient (ft/ft) / (Well IDs)	0.0051 (MW-6 to MW-29)

LNAPL was detected in seven (7) of the monitoring wells that were gauged during the third quarter 2022 with thicknesses ranging between 0.30 feet in TW-W, to 4.50 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.

Third quarter 2022 water quality samples were collected from 18 monitoring wells on September 14 and 15, 2022 including MW-3, MW-5, MW-6, MW-17, and MW-18 which are sampled annually during the third quarter each year. Two duplicates and a trip blank were also analyzed.

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

Analytical results/observations are summarized below:

- Benzene concentrations in groundwater samples from wells MW-17 (0.00562 mg/L), MW-18 (0.0159 mg/L), MW-19D (0.0808 mg/L), and MW-19D duplicate (0.0952 mg/L) were detected above the New Mexico Water Quality Control Commission (NMWQCC) standard of 0.005 mg/L. Benzene concentrations at the remaining 14 sample locations were reported below NMWQCC standards and/or below laboratory detection limits.
- Toluene, ethylbenzene, and total xylenes were not detected above NMWQCC standards and/or the laboratory sample detection limit in any of the sampled Site monitoring wells.

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 third quarter 2022 include the following:

- MW-14 and the associated Duplicate A sample exhibited benzene concentrations of 0.00214 mg/L and 0.000270 J mg/L respectively. The J flag on the duplicate indicates an estimated value below the reporting limit. The calculated relative percent difference (RPD) is 155.19%, which is outside the target range of 20% but can likely be attributed to low concentrations near the reporting limit with one estimated J value below the reporting limit.

- MW-19D and the associated Duplicate B sample exhibited benzene concentrations of 0.0808 mg/L and 0.0952 mg/L respectively. The calculated RPD is 16.36%, which is within the target range of 20%.
- The laboratory report case narrative listed pH outside of the 8260B method requirement at MW-25.

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 third 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

A soil vapor extraction system was installed at the site in March 2008 to aid the LNAPL extraction system by removing hydrocarbon vapors at the on-site extraction wells. In 2nd Quarter 2013 the LNAPL extraction system was updated to utilize Magnum Spill Buster units. The SVE system had not operated since 2nd Quarter 2012 to allow the hydrologic gradient at the site to stabilize. After implementation of the Magnum Spill Buster units, the SVE system was tested in 4th Quarter 2013 and 1st Quarter 2014. It was determined that due to the construction of the Magnum Spill Buster units and their installation requirements, sufficient vacuum was not able to be applied to the extraction wells. SVE operation was discontinued 1st Quarter 2014 and has not been reinstated to date.

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 were installed at wells within the extraction well network in May 1, 2013. The previous remediation system utilized pneumatic pumps, which was initiated in 1st Quarter 2005. From 1st Quarter 2005 to 2nd Quarter 2013 the pneumatic extraction system removed 34,159 gallons of LNAPL. The Magnum Spill Buster 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 September 14, 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.
- 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 2,518 gallons of LNAPL.

Passive bailers were installed on March 14, 2019 in wells MW-10 and MW-17. Approximately 0.35 gallons of LNAPL were removed on September 14, 2022, and a total of approximately 4.8 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 are 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 (0.00214 mg/L in parent and 0.000270 J mg/L in the 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 three quarterly 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. During the third quarter 2022, 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. However, due to decreasing groundwater elevation, monitor well MW-22 has been dry since March of 2022. Air sparge activities were ceased at that time and will resume when groundwater elevations rise to acceptable levels.

5. Conclusions

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

- 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-17, MW-18, and MW-19D, benzene concentrations were reported above the NMWQCC groundwater standards during the third quarter 2022. However, data from adjacent monitoring wells suggest the dissolved-phase petroleum hydrocarbon plume is relatively stable in this area of the Site. MW-17 has not been sampled during previous events because of the presence of LNAPL. However, it was sampled in the third quarter 2022 and exhibited a benzene concentration of 0.00562 mg/L, less than 0.001 mg/L above the NMWQCC standard.
- Monitoring points along the eastern Site boundary, MW-20, MW-27, MW-28, and MW-29 exhibited benzene concentrations below laboratory detection levels and/or NMWQCC standards.

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. Extending the AS system to the northeast permitter is currently being evaluated.

- Continue operation, monitoring, and maintenance of the Spill Buster LNAPL extraction system.
- Regularly inspect and replace passive LNAPL bailers in MW-10 and MW-17 to increase recovery of LNAPL.

Tables

TABLE 1
THIRD 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	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-1	09/14/2022	58.84	56.43	2.41	NM	3626.06	3569.03	-0.15
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-2	09/14/2022	53.29	51.37	1.92	NM	3623.14	3571.29	-0.09
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-3	09/14/2022	52.08			56.89	3623.01	3570.93	-0.04
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-5	09/14/2022	59.29			60.35	3629.16	3569.87	-0.18
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-6	09/14/2022	55.05			56.75	3626.93	3571.88	-0.13
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-7	09/14/2022	DRY			42.25	3621.40	DRY	NA
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-9	09/14/2022	62.82	58.32	4.50	NM	3625.21	3565.77	-0.16
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-10	09/14/2022	56.05	52.77	3.28	NM	3621.07	3567.48	-0.06
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-12**	09/14/2022	NM	NM		NM	3626.60	NA	NA
MW-12	10/24/2022	60.18	59.53	0.65	NM	3626.60	3566.91	0.32
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-14	09/14/2022	55.78			63.40	3621.42	3565.64	-0.16
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-15	09/14/2022	51.42			59.00	3619.39	3567.97	-0.13
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-16	09/14/2022	51.16			56.40	3621.87	3570.71	-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-17	09/14/2022	60.15			57.52	3623.94	3563.79	-0.17
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-18	09/14/2022	61.25			67.32	3624.30	3563.05	-0.19
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-19	09/14/2022	61.75			66.40	3624.12	3562.37	-0.18
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-19D	09/14/2022	61.72			78.45	3623.79	3562.07	-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-20	09/14/2022	59.36			60.89	3621.49	3562.13	-0.19
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-21	09/14/2022	61.22			62.65	3624.25	3563.03	-0.21
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-22	09/14/2022	DRY			63.10	3625.16	DRY	NA
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-23	09/14/2022	55.41			57.31	3622.58	3567.17	-0.21
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-24	09/14/2022	53.57			56.70	3619.27	3565.70	-0.19
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-25	09/14/2022	54.55			56.70	3619.73	3565.18	-0.18
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-26	09/14/2022	62.17			76.10	3625.59	3563.42	-0.09
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-27	09/14/2022	63.32			71.90	3626.44	3563.12	0.00
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-28	09/14/2022	63.24			74.82	3625.41	3562.17	0.08
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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MW-29	06/20/2022	62.50			76.59	3624.59	3562.09	-0.20
MW-29	09/14/2022	62.59			76.59	3624.59	3562.00	-0.09
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-H	09/14/2022	53.82	52.20	1.62	NM	3622.30	3569.70	-0.11
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-K	09/14/2022	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-N	09/14/2022	DRY			59.70	3631.98	DRY	NA
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-U	09/14/2022	DRY			64.80	3628.67	DRY	NA
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-T-R	09/14/2022	62.50	61.70	0.80	76.55	3625.90	3564.00	-0.09
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-V	09/14/2022	DRY			63.65	3628.54	DRY	NA
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
TW-W	09/14/2022	61.79	61.49	0.30	NM	3626.88	3565.32	-0.01
							Average change in groundwater elevation (6/20/2022 to 9/14/2022)	-0.12

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 had 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. Moved to MW-10 in 3Q22.
***No groundwater was present in well, Free Phase Hydrocarbon Thickness was measured in feet from Depth to Product (DTP) to TD.

TABLE 2
THIRD 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	09/15/2022	Sampled Annually - Historical LNAPL Present				LNAPL- 1.97'
MW-2	09/15/2022	Sampled Annually - Historical LNAPL Present				LNAPL- 1.92'
MW-3	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-5	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-6	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-7	09/15/2022	Sampled Annually - Historically Dry				
MW-9	09/15/2022	Sampled Annually - Historical LNAPL Present				LNAPL- 4.50'
MW-10	09/15/2022	Sampled Annually - Historical LNAPL Present				LNAPL- 3.28'
MW-12	09/15/2022	NS	NS	NS	NS	Spill buster in well; removed in 4Q22
MW-14	09/15/2022	0.00214	<0.00100	<0.00100	<0.00300	
MW-14 (Duplicate A)	09/15/2022	0.000270 J	<0.00100	<0.00100	<0.00300	
MW-15	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-17	09/15/2022	**0.00562**	<0.00100	0.00881	0.00184 J	
MW-18	09/15/2022	**0.0159**	<0.00100	0.00341	0.000181 J	
MW-19	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19D	09/15/2022	**0.0808**	<0.00100	0.0314	0.0036	
MW-19D (Duplicate B)	09/15/2022	**0.0952**	<0.00100	0.0429	0.00443	
MW-20	09/14/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	09/15/2022	Not Sampled - Insufficent Volume				
MW-23	09/15/2022	0.00248	<0.00100	0.000577 J	0.000192 J	
MW-24	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-26	09/15/2022	NS	NS	NS	NS	
MW-27	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-28	09/15/2022	0.00342	<0.00100	0.00102	0.000359 J	
MW-29	09/14/2022	0.000707 J	<0.00100	<0.00100	<0.00300	
Trip Blank	09/15/2022	<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).

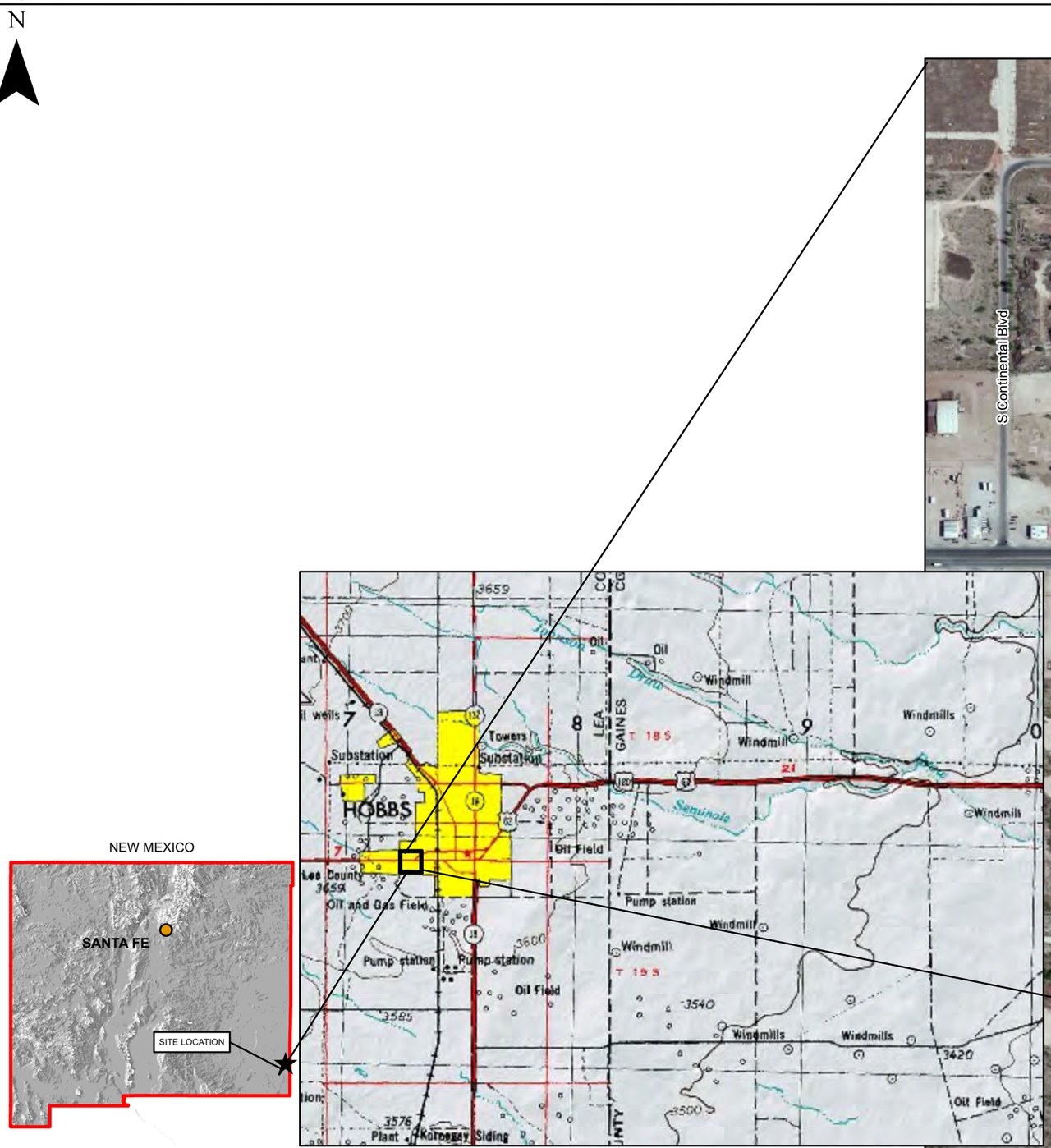
NS = Not Sampled

NM - Not Measured

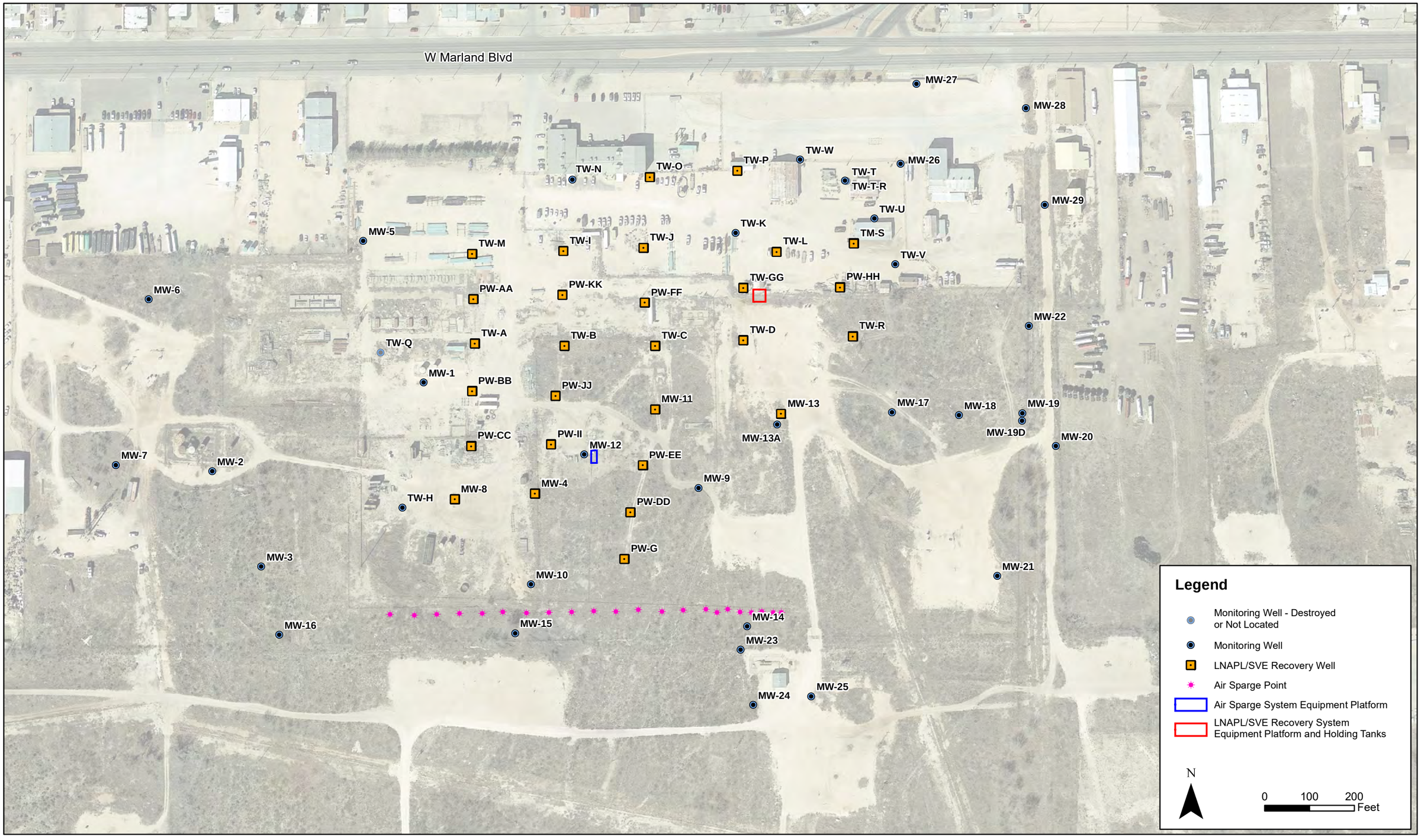
mg/L = milligrams per liter

Figures

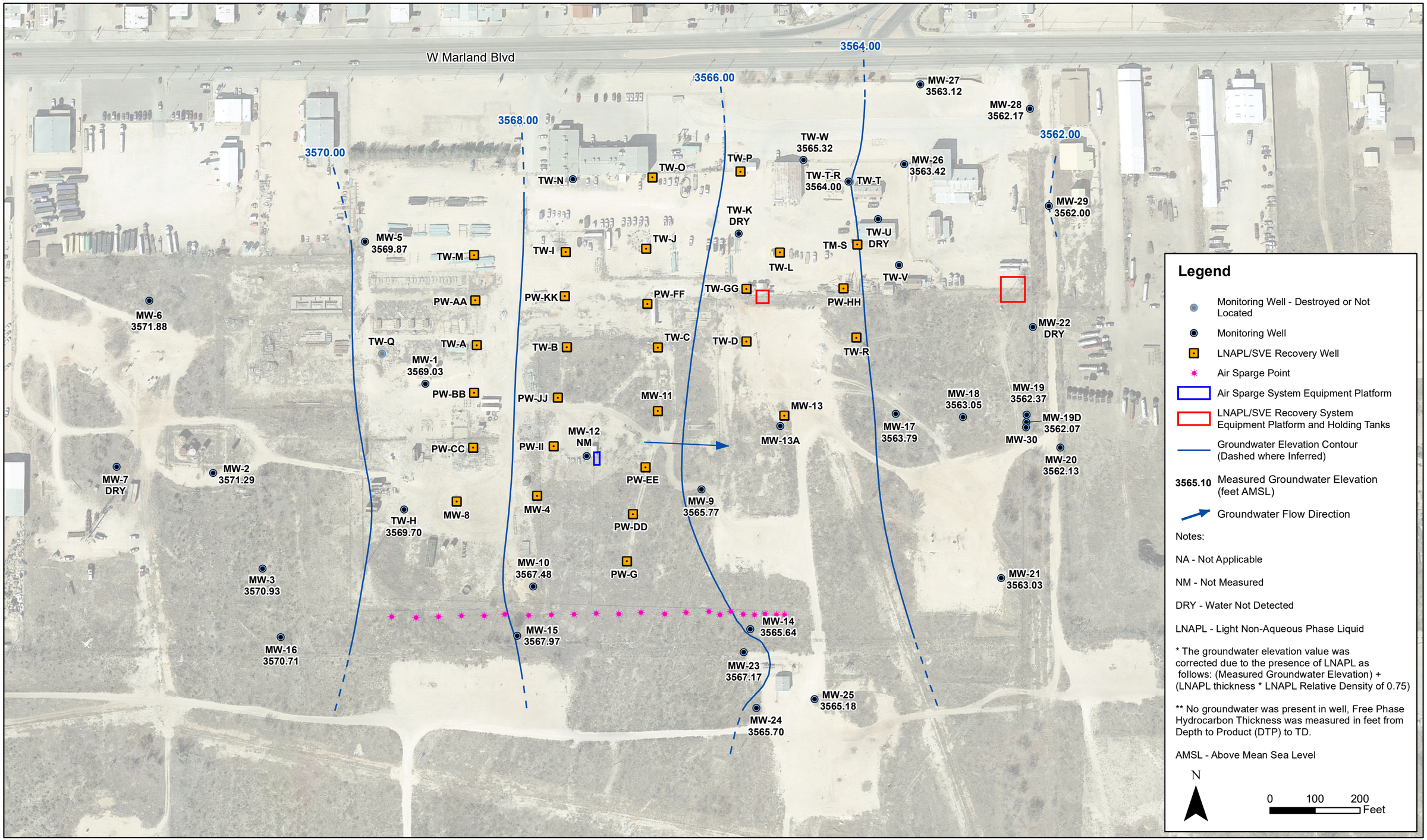
N



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



Legend

- Monitoring Well - 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

NM - Not Measured

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.

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** Third Quarter 2022 Groundwater Monitoring Summary Report	Groundwater Elevation Contour Map (September 14, 2022)	Figure 3

MW-5	
	9/15/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-6	
	9/15/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-27	
	9/15/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-28	
	9/15/2022
Compound	(mg/L)
Benzene	0.00342
Toluene	<0.00100
Ethylbenzene	0.00102
Total Xylenes	0.000359 J

MW-29	
	9/14/2022
Compound	(mg/L)
Benzene	0.000707 J
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-22	
	9/15/2022
Compound	(mg/L)
Benzene	NS - Dry
Toluene	
Ethylbenzene	
Total Xylenes	

MW-17	
	9/15/2022
Compound	(mg/L)
Benzene	**0.00562**
Toluene	<0.00100
Ethylbenzene	0.00881
Total Xylenes	0.00184 J

MW-3	
	9/15/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-18	
	9/15/2022
Compound	(mg/L)
Benzene	**0.0159**
Toluene	<0.00100
Ethylbenzene	0.00341
Total Xylenes	0.000181 J

MW-19D		
	9/15/2022	9/15/2022 (Duplicate)
Compound	(mg/L)	(mg/L)
Benzene	**0.0808**	**0.0952**
Toluene	<0.00100	<0.00100
Ethylbenzene	0.0314	0.0429
Total Xylenes	0.00360	0.00443

MW-19	
	9/15/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-16	
	9/15/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-15	
	9/15/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-14		
	9/15/2022	9/15/2022 (Duplicate)
Compound	(mg/L)	(mg/L)
Benzene	0.00214	0.000270 J
Toluene	<0.00100	<0.00100
Ethylbenzene	<0.00100	<0.00100
Total Xylenes	<0.00300	<0.00300

MW-23	
	9/15/2022
Compound	(mg/L)
Benzene	0.00248
Toluene	<0.00100
Ethylbenzene	0.000577 J
Total Xylenes	0.000192 J

MW-24	
	9/15/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-21	
	9/15/2022
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-20	
	9/15/2022
Compound	(mg/L)
Benzene	0.0000980 J
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

Legend

- Monitoring Well - 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:

NS - Not Sampled

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: December 2022

DESIGNED BY: J. Watts

DRAWN BY: L. Reed

TASMAN

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

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

Analytical Results Map (September 15, 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				Annual Event; LNAPL
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-1	09/15/2022	Sampled Annually - Historical LNAPL Present				Annual Event; LNAPL- 1.97'
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				Annual Event; LNAPL
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-2	09/15/2022	Sampled Annually - Historical LNAPL Present				Annual Event; LNAPL- 1.92'

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	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	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-3	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
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	

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	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
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	Annual Event
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-5	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
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

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-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	Annual Event
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-6	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
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				Annual Event
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-7	09/15/2022	Sampled Annually - Historically Dry				Annual Event
MW-9	02/27/2014	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)		**0.005**	**1.00**	**0.75**	**0.62**	
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
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-9	09/15/2022	LNAPL				Annual Event; LNAPL- 4.50'
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

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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-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-10	06/21/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 3.16'
MW-10	09/15/2022	LNAPL				Passive Bailer in Well; LNAPL - 3.28'
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-12	09/15/2022	NS	NS	NS	NS	Spill buster in well; removed in 4Q22
MW-12	10/24/2022	NS	NS	NS	NS	Passive bailer; LNAPL 0.65 ft
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	-	

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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)		**0.005**	**1.00**	**0.75**	**0.62**	
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	
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	

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-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-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-14	09/15/2022	0.00214	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	09/15/2022	0.000270 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	

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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-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	
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-15	09/15/2022	<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	

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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	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	
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-16	09/15/2022	<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

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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-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-17	09/15/2022	**0.00562**	<0.00100	0.00881	0.00184 J	Annual Event; Passive Bailer in Well
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
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	Annual Event
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-18	09/15/2022	**0.0159**	<0.00100	0.00341	0.000181 J	Annual Event
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	-	

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	09/14/2010	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	
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-19	09/15/2022	<0.00100	<0.00100	<0.00100	<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	

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)		**0.005**	**1.00**	**0.75**	**0.62**	
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	
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	

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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-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	0.0513	<0.0750	Duplicate B sample collected
MW-19D (Duplicate)	06/21/2022	**0.222**	<0.00100	0.0593	0.00167 J	
MW-19D	09/15/2022	**0.0808**	<0.00100	0.0314	0.0036	Duplicate B sample collected
MW-19D (Duplicate)	09/15/2022	**0.0952**	<0.00100	0.0429	0.00443	
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	-	
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	

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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	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-20	09/14/2022	<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	
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	

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	03/23/2016	<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-21	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	09/15/2022	<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	

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-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-22	06/21/2022	Not Sampled - Insufficent Volume				
MW-22	09/15/2022	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	

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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-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	
MW-23	09/15/2022	0.00248	<0.00100	0.000577 J	0.000192 J	
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	

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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	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-24	09/15/2022	<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	
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	

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-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-25	09/15/2022	<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-26	09/15/2022	NS	NS	NS	NS	
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	
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-27	09/15/2022	<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-28	09/15/2022	0.00342	<0.00100	0.00102	0.000359 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	

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-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	
MW-29	09/14/2022	0.000707 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	
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	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	09/15/2022	<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 Analytical Report #: L1536747

Pace Analytical®

ANALYTICAL REPORT

September 26, 2022

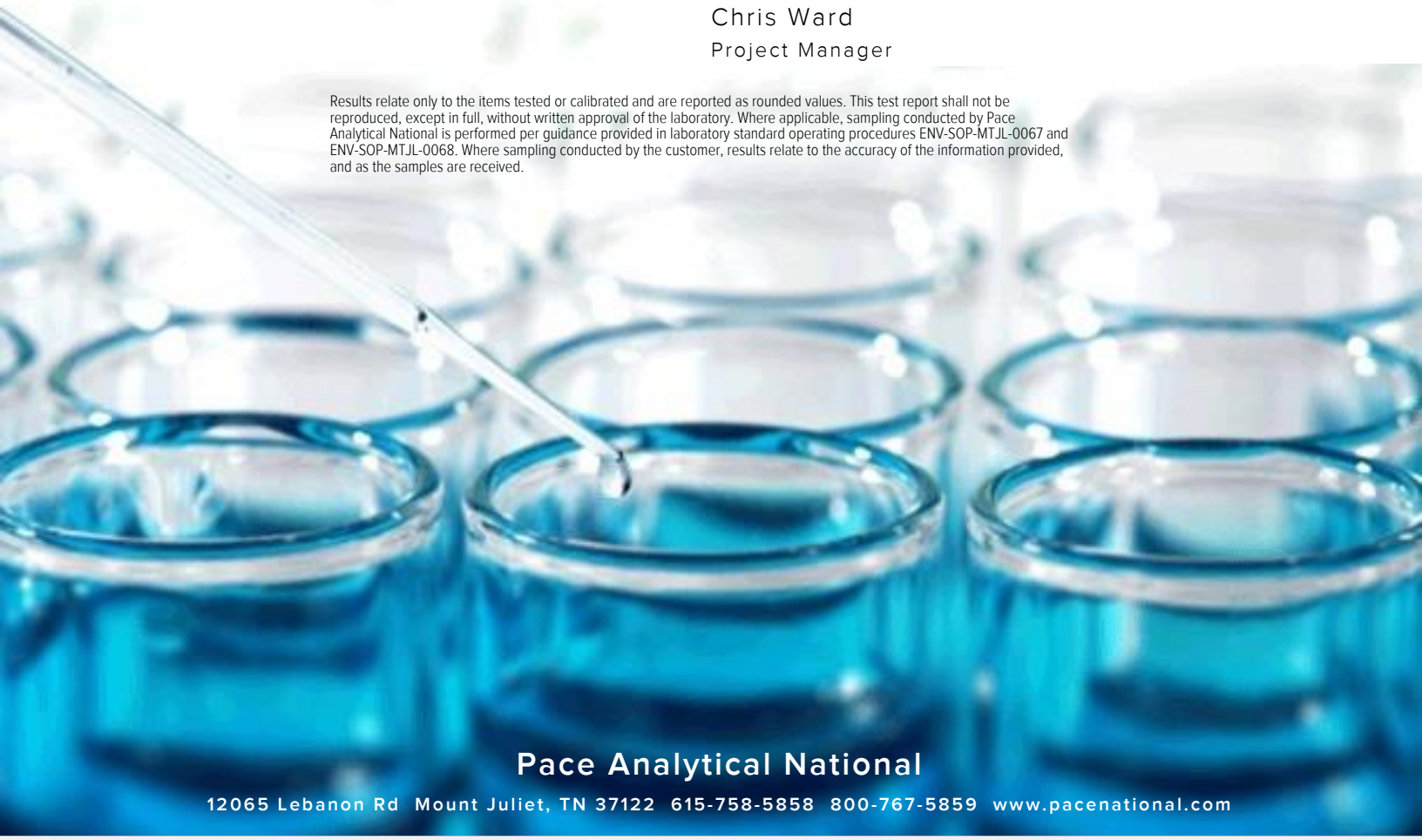
DCP Midstream - Tasman

Sample Delivery Group:	L1536747
Samples Received:	09/16/2022
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

TABLE OF CONTENTS

MW-3 L1536747-01 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 10:33 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929539	1	09/21/22 02:12	09/21/22 02:12	JHH	Mt. Juliet, TN

MW-5 L1536747-02 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 13:50 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929539	1	09/21/22 02:32	09/21/22 02:32	JHH	Mt. Juliet, TN

MW-6 L1536747-03 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 13:38 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929539	1	09/21/22 02:51	09/21/22 02:51	JHH	Mt. Juliet, TN

MW-14 L1536747-04 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 09:26 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929539	1	09/21/22 03:11	09/21/22 03:11	JHH	Mt. Juliet, TN

MW-15 L1536747-05 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 10:03 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929539	1	09/21/22 03:30	09/21/22 03:30	JHH	Mt. Juliet, TN

MW-16 L1536747-06 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 10:47 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929539	1	09/21/22 03:50	09/21/22 03:50	JHH	Mt. Juliet, TN

MW-17 L1536747-07 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 14:49 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929539	1	09/21/22 04:09	09/21/22 04:09	JHH	Mt. Juliet, TN

MW-18 L1536747-08 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 12:20 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929539	1	09/21/22 04:28	09/21/22 04:28	JHH	Mt. Juliet, TN

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

MW-19 L1536747-09 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 08:30 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929539	1	09/21/22 04:48	09/21/22 04:48	JHH	Mt. Juliet, TN

MW-19D L1536747-10 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 08:08 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929539	1	09/21/22 05:07	09/21/22 05:07	JHH	Mt. Juliet, TN

MW-20 L1536747-11 GW

Collected by: Brett Dennis | Collected date/time: 09/14/22 15:48 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929539	1	09/21/22 05:27	09/21/22 05:27	JHH	Mt. Juliet, TN

MW-21 L1536747-12 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 11:46 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929781	1	09/21/22 12:41	09/21/22 12:41	ACG	Mt. Juliet, TN

MW-23 L1536747-13 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 09:48 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929781	1	09/21/22 13:04	09/21/22 13:04	ACG	Mt. Juliet, TN

MW-24 L1536747-14 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 09:06 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929781	1	09/21/22 13:27	09/21/22 13:27	ACG	Mt. Juliet, TN

MW-25 L1536747-15 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 08:50 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929781	1	09/21/22 13:50	09/21/22 13:50	ACG	Mt. Juliet, TN

MW-27 L1536747-16 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 12:58 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929781	1	09/21/22 14:14	09/21/22 14:14	ACG	Mt. Juliet, TN

MW-28 L1536747-17 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 12:40 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929781	1	09/21/22 14:39	09/21/22 14:39	ACG	Mt. Juliet, TN

MW-29 L1536747-18 GW

Collected by: Brett Dennis | Collected date/time: 09/14/22 16:28 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929781	1	09/21/22 15:02	09/21/22 15:02	ACG	Mt. Juliet, TN

DUPLICATE A L1536747-19 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 00:00 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929781	1	09/21/22 15:27	09/21/22 15:27	ACG	Mt. Juliet, TN

DUPLICATE B L1536747-20 GW

Collected by: Brett Dennis | Collected date/time: 09/15/22 00:00 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929781	1	09/21/22 15:51	09/21/22 15:51	ACG	Mt. Juliet, TN

TRIP BLANK L1536747-21 GW

Collected by: Brett Dennis | Collected date/time: 09/14/22 00:00 | Received date/time: 09/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1929781	1	09/21/22 11:32	09/21/22 11:32	ACG	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
L1536747-15	MW-25	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	U		0.0000941	0.00100	1	09/21/2022 02:12	WG1929539
Toluene	U		0.000278	0.00100	1	09/21/2022 02:12	WG1929539
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 02:12	WG1929539
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 02:12	WG1929539
(S) Toluene-d8	*88.8*			*80.0-120*		*09/21/2022 02:12*	WG1929539
(S) 4-Bromofluorobenzene	*92.4*			*77.0-126*		*09/21/2022 02:12*	WG1929539
(S) 1,2-Dichloroethane-d4	*125*			*70.0-130*		*09/21/2022 02:12*	WG1929539

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	09/21/2022 02:32	WG1929539
Toluene	U		0.000278	0.00100	1	09/21/2022 02:32	WG1929539
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 02:32	WG1929539
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 02:32	WG1929539
(S) Toluene-d8	*89.6*			*80.0-120*		*09/21/2022 02:32*	WG1929539
(S) 4-Bromofluorobenzene	*93.8*			*77.0-126*		*09/21/2022 02:32*	WG1929539
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*		*09/21/2022 02:32*	WG1929539

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	09/21/2022 02:51	WG1929539
Toluene	U		0.000278	0.00100	1	09/21/2022 02:51	WG1929539
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 02:51	WG1929539
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 02:51	WG1929539
(S) Toluene-d8	*88.8*			*80.0-120*		*09/21/2022 02:51*	WG1929539
(S) 4-Bromofluorobenzene	*93.7*			*77.0-126*		*09/21/2022 02:51*	WG1929539
(S) 1,2-Dichloroethane-d4	*125*			*70.0-130*		*09/21/2022 02:51*	WG1929539

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	0.00214		0.0000941	0.00100	1	09/21/2022 03:11	WG1929539
Toluene	U		0.000278	0.00100	1	09/21/2022 03:11	WG1929539
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 03:11	WG1929539
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 03:11	WG1929539
(S) Toluene-d8	*90.9*			*80.0-120*		*09/21/2022 03:11*	WG1929539
(S) 4-Bromofluorobenzene	*95.6*			*77.0-126*		*09/21/2022 03:11*	WG1929539
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*		*09/21/2022 03:11*	WG1929539

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	09/21/2022 03:30	WG1929539
Toluene	U		0.000278	0.00100	1	09/21/2022 03:30	WG1929539
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 03:30	WG1929539
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 03:30	WG1929539
(S) Toluene-d8	*90.9*			*80.0-120*		*09/21/2022 03:30*	WG1929539
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*		*09/21/2022 03:30*	WG1929539
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*		*09/21/2022 03:30*	WG1929539

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	09/21/2022 03:50	WG1929539
Toluene	U		0.000278	0.00100	1	09/21/2022 03:50	WG1929539
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 03:50	WG1929539
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 03:50	WG1929539
(S) Toluene-d8	*89.6*			*80.0-120*		*09/21/2022 03:50*	WG1929539
(S) 4-Bromofluorobenzene	*92.9*			*77.0-126*		*09/21/2022 03:50*	WG1929539
(S) 1,2-Dichloroethane-d4	*124*			*70.0-130*		*09/21/2022 03:50*	WG1929539

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	0.00562		0.0000941	0.00100	1	09/21/2022 04:09	WG1929539
Toluene	U		0.000278	0.00100	1	09/21/2022 04:09	WG1929539
Ethylbenzene	0.00881		0.000137	0.00100	1	09/21/2022 04:09	WG1929539
Total Xylenes	0.00184	J	0.000174	0.00300	1	09/21/2022 04:09	WG1929539
(S) Toluene-d8	*90.0*			*80.0-120*		*09/21/2022 04:09*	WG1929539
(S) 4-Bromofluorobenzene	*92.5*			*77.0-126*		*09/21/2022 04:09*	WG1929539
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*09/21/2022 04:09*	WG1929539

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	0.0159		0.0000941	0.00100	1	09/21/2022 04:28	WG1929539
Toluene	U		0.000278	0.00100	1	09/21/2022 04:28	WG1929539
Ethylbenzene	0.00341		0.000137	0.00100	1	09/21/2022 04:28	WG1929539
Total Xylenes	0.000181	J	0.000174	0.00300	1	09/21/2022 04:28	WG1929539
(S) Toluene-d8	*90.7*			*80.0-120*		*09/21/2022 04:28*	WG1929539
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*09/21/2022 04:28*	WG1929539
(S) 1,2-Dichloroethane-d4	*122*			*70.0-130*		*09/21/2022 04:28*	WG1929539

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	09/21/2022 04:48	WG1929539
Toluene	U		0.000278	0.00100	1	09/21/2022 04:48	WG1929539
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 04:48	WG1929539
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 04:48	WG1929539
(S) Toluene-d8	*87.2*			*80.0-120*		*09/21/2022 04:48*	WG1929539
(S) 4-Bromofluorobenzene	*99.3*			*77.0-126*		*09/21/2022 04:48*	WG1929539
(S) 1,2-Dichloroethane-d4	*125*			*70.0-130*		*09/21/2022 04:48*	WG1929539

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	0.0808		0.0000941	0.00100	1	09/21/2022 05:07	WG1929539
Toluene	U		0.000278	0.00100	1	09/21/2022 05:07	WG1929539
Ethylbenzene	0.0314		0.000137	0.00100	1	09/21/2022 05:07	WG1929539
Total Xylenes	0.00360		0.000174	0.00300	1	09/21/2022 05:07	WG1929539
(S) Toluene-d8	*91.5*			*80.0-120*		*09/21/2022 05:07*	WG1929539
(S) 4-Bromofluorobenzene	*99.2*			*77.0-126*		*09/21/2022 05:07*	WG1929539
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*		*09/21/2022 05:07*	WG1929539

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	0.0000980	J	0.0000941	0.00100	1	09/21/2022 05:27	WG1929539
Toluene	U		0.000278	0.00100	1	09/21/2022 05:27	WG1929539
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 05:27	WG1929539
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 05:27	WG1929539
(S) Toluene-d8	*89.6*			*80.0-120*		*09/21/2022 05:27*	WG1929539
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*		*09/21/2022 05:27*	WG1929539
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*09/21/2022 05:27*	WG1929539

MW-21
Collected date/time: 09/15/22 11:46
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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	09/21/2022 12:41	WG1929781
Toluene	U		0.000278	0.00100	1	09/21/2022 12:41	WG1929781
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 12:41	WG1929781
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 12:41	WG1929781
(S) Toluene-d8	*113*			*80.0-120*		*09/21/2022 12:41*	WG1929781
(S) 4-Bromofluorobenzene	*94.1*			*77.0-126*		*09/21/2022 12:41*	WG1929781
(S) 1,2-Dichloroethane-d4	*90.9*			*70.0-130*		*09/21/2022 12:41*	WG1929781

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	0.00248		0.0000941	0.00100	1	09/21/2022 13:04	WG1929781
Toluene	U		0.000278	0.00100	1	09/21/2022 13:04	WG1929781
Ethylbenzene	0.000577	J	0.000137	0.00100	1	09/21/2022 13:04	WG1929781
Total Xylenes	0.000192	J	0.000174	0.00300	1	09/21/2022 13:04	WG1929781
(S) Toluene-d8	*107*			*80.0-120*		*09/21/2022 13:04*	WG1929781
(S) 4-Bromofluorobenzene	*97.6*			*77.0-126*		*09/21/2022 13:04*	WG1929781
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*09/21/2022 13:04*	WG1929781

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	09/21/2022 13:27	WG1929781
Toluene	U		0.000278	0.00100	1	09/21/2022 13:27	WG1929781
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 13:27	WG1929781
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 13:27	WG1929781
(S) Toluene-d8	*110*			*80.0-120*		*09/21/2022 13:27*	WG1929781
(S) 4-Bromofluorobenzene	*98.7*			*77.0-126*		*09/21/2022 13:27*	WG1929781
(S) 1,2-Dichloroethane-d4	*95.8*			*70.0-130*		*09/21/2022 13:27*	WG1929781

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	09/21/2022 13:50	WG1929781
Toluene	U		0.000278	0.00100	1	09/21/2022 13:50	WG1929781
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 13:50	WG1929781
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 13:50	WG1929781
(S) Toluene-d8	*111*			*80.0-120*		*09/21/2022 13:50*	WG1929781
(S) 4-Bromofluorobenzene	*95.9*			*77.0-126*		*09/21/2022 13:50*	WG1929781
(S) 1,2-Dichloroethane-d4	*93.2*			*70.0-130*		*09/21/2022 13:50*	WG1929781

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	09/21/2022 14:14	WG1929781
Toluene	U		0.000278	0.00100	1	09/21/2022 14:14	WG1929781
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 14:14	WG1929781
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 14:14	WG1929781
(S) Toluene-d8	*107*			*80.0-120*		*09/21/2022 14:14*	WG1929781
(S) 4-Bromofluorobenzene	*96.4*			*77.0-126*		*09/21/2022 14:14*	WG1929781
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*		*09/21/2022 14:14*	WG1929781

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	0.00342		0.0000941	0.00100	1	09/21/2022 14:39	WG1929781
Toluene	U		0.000278	0.00100	1	09/21/2022 14:39	WG1929781
Ethylbenzene	0.00102		0.000137	0.00100	1	09/21/2022 14:39	WG1929781
Total Xylenes	0.000359	J	0.000174	0.00300	1	09/21/2022 14:39	WG1929781
(S) Toluene-d8	*111*			*80.0-120*		*09/21/2022 14:39*	WG1929781
(S) 4-Bromofluorobenzene	*99.7*			*77.0-126*		*09/21/2022 14:39*	WG1929781
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*		*09/21/2022 14:39*	WG1929781

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	0.000707	J	0.0000941	0.00100	1	09/21/2022 15:02	WG1929781
Toluene	U		0.000278	0.00100	1	09/21/2022 15:02	WG1929781
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 15:02	WG1929781
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 15:02	WG1929781
(S) Toluene-d8	*108*			*80.0-120*		*09/21/2022 15:02*	WG1929781
(S) 4-Bromofluorobenzene	*97.4*			*77.0-126*		*09/21/2022 15:02*	WG1929781
(S) 1,2-Dichloroethane-d4	*95.2*			*70.0-130*		*09/21/2022 15:02*	WG1929781

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	0.000270	J	0.0000941	0.00100	1	09/21/2022 15:27	WG1929781
Toluene	U		0.000278	0.00100	1	09/21/2022 15:27	WG1929781
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 15:27	WG1929781
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 15:27	WG1929781
(S) Toluene-d8	*109*			*80.0-120*		*09/21/2022 15:27*	WG1929781
(S) 4-Bromofluorobenzene	*98.6*			*77.0-126*		*09/21/2022 15:27*	WG1929781
(S) 1,2-Dichloroethane-d4	*93.3*			*70.0-130*		*09/21/2022 15:27*	WG1929781

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	0.0952		0.0000941	0.00100	1	09/21/2022 15:51	WG1929781
Toluene	U		0.000278	0.00100	1	09/21/2022 15:51	WG1929781
Ethylbenzene	0.0429		0.000137	0.00100	1	09/21/2022 15:51	WG1929781
Total Xylenes	0.00443		0.000174	0.00300	1	09/21/2022 15:51	WG1929781
(S) Toluene-d8	*106*			*80.0-120*		*09/21/2022 15:51*	WG1929781
(S) 4-Bromofluorobenzene	*98.8*			*77.0-126*		*09/21/2022 15:51*	WG1929781
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*09/21/2022 15:51*	WG1929781

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Collected date/time: 09/14/22 00:00
L1536747

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	09/21/2022 11:32	WG1929781
Toluene	U		0.000278	0.00100	1	09/21/2022 11:32	WG1929781
Ethylbenzene	U		0.000137	0.00100	1	09/21/2022 11:32	WG1929781
Total Xylenes	U		0.000174	0.00300	1	09/21/2022 11:32	WG1929781
(S) Toluene-d8	*109*			*80.0-120*		*09/21/2022 11:32*	WG1929781
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*		*09/21/2022 11:32*	WG1929781
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*		*09/21/2022 11:32*	WG1929781

Method Blank (MB)

(MB) R3841343-2 09/20/22 22:42

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	*92.3*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.2*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*98.2*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3841343-1 09/20/22 21:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00559	112	70.0-123	
Toluene	0.00500	0.00489	97.8	79.0-120	
Ethylbenzene	0.00500	0.00457	91.4	79.0-123	
Xylenes, Total	0.0150	0.0126	84.0	79.0-123	
(S) Toluene-d8			*92.8*	*80.0-120*	
(S) 4-Bromofluorobenzene			*101*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*104*	*70.0-130*	

Method Blank (MB)

(MB) R3840698-3 09/21/22 07:23

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	*111*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*94.5*			*70.0-130*

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

(LCS) R3840698-1 09/21/22 06:19 • (LCSD) R3840698-2 09/21/22 06:41

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	0.00553	0.00556	111	111	70.0-123			0.541	20
Toluene	0.00500	0.00527	0.00507	105	101	79.0-120			3.87	20
Ethylbenzene	0.00500	0.00538	0.00539	108	108	79.0-123			0.186	20
Xylenes, Total	0.0150	0.0163	0.0150	109	100	79.0-123			8.31	20
(S) Toluene-d8				*108*	*107*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.1*	*89.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*96.4*	*96.1*	*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;jwatts@tasman-

Project Description: Former Hobbs Booster Station

City/State Collected:

Please Circle: PT MT CT ET

Phone: 575-318-5017

Client Project #

Lab Project # DCPTASMAN-HOBBSBOOST

Collected by (print): Brett Dennis

Site/Facility ID #

P.O. # 0000524225

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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 Page 1 of 2

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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 # 1536747
H069

Acctnum: DCPTASMAN
Template: T204591
Prelogin: P948794
PM: 824 - Chris Ward
PB: 9-2-2022 GN

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-1		GW							
MW-2		GW							
MW-3		GW		9/15/22	10:33	3	X		-01
MW-5		GW		9/15/22	13:50	3	X		-02
MW-6		GW		9/15/22	13:38	3	X		-03
MW-7		GW							
MW-9		GW							
MW-10		GW							
MW-12		GW							
MW-14		GW		9/15/22	09:26	3	X		-04

* 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 # 5862 2555 9620

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	
	9/15/22	15:40			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
				MAX 6 4.0+0=4.0 60	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
			Caleb Tapp	9/16/22 09:00	

Company Name/Address:
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;jwatts@tasman-

Project Description: **Former Hobbs Booster Station**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **575-318-5017**

Client Project #

Lab Project # **DCPTASMAN-HOBBSBOOST**

Collected by (print): Brett Dennis

Site/Facility ID #

P.O. # **0000524225**

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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 Page ___ of ___

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SDG # 153674

Table #

Acctnum: **DCPTASMAN**
Template: **T204591**
Prelogin: **P948794**
PM: **824 - Chris Ward**
PB: 9-2-2022 6m
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		9/15/22	10:03	3	X										-05
MW-16		GW		9/15/22	10:47	3	X										-06
MW-17		GW		9/15/22	14:49	3	X										-07
MW-18		GW		9/15/22	12:20	3	X										-08
MW-19		GW		9/15/22	08:30	3	X										-09
MW-19D		GW		9/15/22	08:08	3	X										-10
MW-20		GW		9/15/22	15:48	3	X										-11
MW-21		GW		9/15/22	11:46	3	X										-12
MW-22		GW															
MW-23		GW		9/15/22	09:48	3	X										-13

* 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 # 5882 7555 9620

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
	9/15/22	15:40		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 6 °C Bottles Received: 6	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Caleb Tarp	Date: 9/16/22 Time: 09:00	Hold: / Condition: NCF / OK

Company Name/Address:
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;jwatts@tasman-**

Project Description: **Former Hobbs Booster Station**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **575-318-5017**

Client Project #

Lab Project # **DCPTASMAN-HOBBSBOOST**

Collected by (print): Brett Dennis

Site/Facility ID #

P.O. # **0000524225**

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y X

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

No. of Cntrs

Analysis / Container / Preservative

Chain of Custody

Pace
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12065 Lebanon Rd Mount Juliet, TN 37122
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SDG # 153647

Table #

Acctnum: **DCPTASMAN**
Template: **T204591**
Prelogin: **P948794**
PM: **824 - Chris Ward**
PB: 9-2-20226m

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-24		GW		9/15/22	09:06	3	X		-14
MW-25		GW		9/15/22	08:50	3	X		-15
MW-27		GW		9/15/22	12:58	3	X		-16
MW-28		GW		9/15/22	12:40	3	X		-17
MW-29		GW		9/14/22	16:28	3	X		-18
DUPLICATE A		GW		9/15/22	—	3	X		-19
DUPLICATE B		GW		9/15/22	—	3	X		-20
		GW							
TRIP BLANK		GW		9/14/22	—	1	X		-21

* 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 # 5282 2555 9620

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	
	9/15/22	15:40		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C	Bottles Received:
				MMAG 4.0+0=4.0	6
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:
			Caleb Tarp	9/16/22	09:00

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 186600

CONDITIONS

Operator:	OGRID:
DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	36785
	Action Number: 186600
	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