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First Quarter 2021 Groundwater Monitoring Summary Report

Hobbs Booster Station
Lea County, New Mexico
AP-114

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1. Introduction

This report summarizes the remediation system activities, results of groundwater monitoring activities at the Hobbs Booster Station (Site) in Lea County, New Mexico (Figure 1). Tasman Geosciences (Tasman) performed these activities on behalf of DCP Midstream, LP (DCP). The groundwater monitoring activities described herein were conducted to monitor the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons, measure groundwater levels, obtain groundwater samples for laboratory analysis, and evaluate groundwater flow and quality conditions. Field data and laboratory analytical results from field efforts, conducted on March 23, 2021, were used to develop a groundwater elevation contour map and an analytical results map to evaluate current conditions at the Site.

2. Site Location and Background

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

Historically, the Site had 29 groundwater monitoring wells which are illustrated in Figure 2. However, monitoring well TW-Q has not been able to be located since June 2014, and monitoring wells TW-N and TW-T have not been located since June and September 2016 and are presumed destroyed. TW-K, which was previously presumed destroyed, was located in the third quarter 2018. Twenty-five of the existing monitoring wells are located on the Site property while the other 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 and soil vapor extraction (SVE) system are present at the Site. There are 28 extraction wells (Figure 2) located on-Site including MW-4, MW-8, MW-11, and MW-13 which were previously converted from monitoring wells due to historically high levels of LNAPL. Additionally, the Site operates a groundwater air sparge (AS) curtain that was installed along the south-central Site boundary and includes 21 AS injection wells connected in series (Figure 2). LNAPL, AS, and SVE system operation and performance are further described in Section 4.

3. Groundwater Monitoring

This section describes the field groundwater monitoring activities performed during the first quarter 2020 monitoring event on March 23, 2021. Monitoring activities included Site-wide groundwater gauging, LNAPL measurements, groundwater purging and sampling, and subsequent packaging and shipping of the samples for laboratory analysis. Figure 2 illustrates the groundwater monitoring network utilized to perform these activities at the Site.

3.1 Groundwater and LNAPL Elevation Monitoring

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

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quarter 2021 monitoring event, groundwater and LNAPL levels, where present, were measured at 28 monitoring well locations. Groundwater and/or LNAPL levels were unable to be collected from monitoring wells MW-1, TW-K, TW-Q, TW-T, and TW-N as these wells were unable to be located and / or are presumed destroyed. In addition, MW-12 was not gauged due to the presence of an active Spill Buster pump in the well and MW-10 and MW-17 were gauged with the passive LNAPL bailers in the wells.

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

Groundwater and LNAPL elevations collected during the reporting period as well as historical elevations are presented in Table 1. A first quarter 2021 groundwater elevation map, included as Figure 3, indicates that groundwater flow at the Site generally trends to the east. Groundwater elevation ranges, the average elevation change from the previous monitoring event, and the calculated hydraulic gradient at the Site are summarized in the table below.

Summary of Measured Hydraulic Parameters

	First Quarter 2021 (3/23/2021)
Maximum Elevation (Well ID)	3,572.56’ (MW-6)
Minimum Elevation (Well ID)	3,562.78’ (MW-22)
Average Change from Previous Monitoring Event – All Wells	-0.23 feet
Hydraulic Gradient (ft/ft) / (Well IDs)	0.0050 (MW-6 to MW-22)

LNAPL was detected in five (5) of the monitoring wells that were gauged during the first quarter 2021 with thicknesses ranging between 0.29 feet in MW-17, to 4.76 feet in MW-9. Both MW-10 and MW-17 have passive bailers deployed in each well and groundwater was not detected in wells MW-7 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) was purged from each well prior to the collection of groundwater samples. Groundwater samples were collected using disposable polyethylene bailers, placed in clean laboratory supplied containers, packed in an ice-filled cooler and maintained at approximately four (4) degrees Celsius (°C) for transportation to the laboratory. Groundwater samples were shipped under chain-of-custody procedures to Pace Analytical laboratory (Pace) in Mount Juliet, Tennessee for analysis. Water quality samples were submitted to Pace for benzene, toluene, ethylbenzene, and total xylenes (BTEX) analyses by United States Environmental Protection Agency (USEPA) Method 8260B.

First Quarter 2021 water quality samples were collected from 14 monitoring wells on March 23, 2021.

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Table 2 summarizes BTEX concentrations in groundwater samples collected during the first quarter 2021. Analytical results are also displayed in Figure 4. Historical analytical results, up to and including the first quarter 2021 event, are included in Appendix A and the laboratory analytical report is included in Appendix B.

Analytical results indicate that BTEX concentrations were below the New Mexico Water Quality Control Commission (NMWQCC) standard in 9 of the 14 sampled wells. Benzene concentrations in MW-14 (0.0111 milligrams per liter [mg/L]; 0.0117 mg/L Duplicate); MW-19D (0.539 mg/L) and Duplicate (0.542 mg/L); MW-23 (0.0185 mg/L); MW-26 (0.186 mg/L) and MW-29 (0.282 mg/L) were above the NMWQCC groundwater standard of 0.005 mg/L.

3.3 Data Quality Assurance/ Quality Control

A trip blank and field duplicate samples (MW-14 and MW019D) were collected during the sampling event. The data was 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 was reported using the correct method number and reporting units. QA/QC items of note for the first quarter 2021 include the following:

- Target analytes were not detected in the trip blank, and;
- MW-14 and the associated duplicate sample exhibited benzene concentrations of 0.0111 mg/L and 0.0117 mg/L, respectively. The calculated relative percent difference (RPD) is 5.26%, which is within the target range of 20%, and.
- MW-19D and the associated duplicate sample exhibited benzene concentrations of 0.539 mg/L and 0.542 mg/L, respectively. The calculated relative percent difference (RPD) is 0.55%, which is within the target range of 20%.

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

4. Remediation System Performance

This section includes a description of the active remediation system at the Site along with observations and modifications to the system components during the first quarter 2021. 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

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approximately 870-foot long "sparge curtain" intended to volatilize dissolved-phase constituents that enter the AS treatment zone.

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

4.2 Vacuum-Enhanced Extraction Observations

As discussed within the second quarter 2014 monitoring report, soil vapor extraction (SVE) was discontinued at the Site and was not re-initiated during the first quarter 2021.

4.3 LNAPL Recovery System Performance Evaluation

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

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

- A total volume of 445 gallons of LNAPL were recovered from the extraction wells since 2019 (measured between December 5, 2019 and March 22, 2021). Measurements will be collected during the next monitoring event.
- After Spill Buster installation, approximately 32,160 gallons of LNAPL have been removed since May 2013 exhibiting extraction rates above those achieved with previous recovery efforts. 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 2,111 gallons of LNAPL.

Passive bailers were installed on March 14, 2019 in wells MW-10 and MW-17 and approximately 3.5 gallons of LNAPL have been removed since early 2019 and measurements are planned to be collected during the quarterly 2021 monitoring events.

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4.4 Air Sparge Performance Evaluation

The AS system has continued to operate on a 24-hour per day basis with minor down time due to routine scheduled equipment maintenance. The primary evaluation criteria for AS performance is tied to the dissolved phase hydrocarbon concentrations present in groundwater downgradient of the AS well alignment. Monitoring wells MW-14, MW-15, MW-23, MW-24, and MW-25, located downgradient from the sparge curtain, provide ideal monitoring locations for observing the effects of the AS system on impacted groundwater as it passes through the treatment zone. On the east end of the AS system, monitoring well MW-14 (0.0111 mg/L; duplicate sample 0.0117 mg/L) exhibited dissolved benzene concentrations above the NMWQCC standard during the first quarter monitoring event. Monitoring wells MW-24 and MW-25 which are located cross-gradient to MW-14 and MW-23, continue to have non-detect concentrations of benzene or other dissolved petroleum hydrocarbons. 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.

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). During the first quarter 2021, MW-22 could not be sampled due to insufficient volume and benzene concentrations were reported below the NMWQCC standard for the four quarterly monitoring events prior. AS application has demonstrated a general decrease in benzene concentrations at MW-22, however fluctuations to above the NMWQCC standard are periodically observed and are likely also influenced by fluctuating seasonal groundwater levels.

5. Conclusions

This section of the report presents conclusions from the findings of first quarter 2021 groundwater monitoring and remediation system O&M activities.

- LNAPL system recovery has continued at steady rates following installation of the Spill Buster units and incidental groundwater recovery has been eliminated.
- 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-14, 19D, 23, 26 and 29, the benzene concentration was reported above the NMWQCC groundwater standards during the first quarter 2021. However, data from adjacent monitoring wells suggest the dissolved-phase petroleum hydrocarbon plume is relatively stable in this area of the Site.
- Monitoring points along the eastern Site boundary, MW-19, MW-20, MW-21, MW-22, MW-27 and MW-28 exhibited benzene concentrations below laboratory detection levels and/or NMWQCC standards.

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6. Recommendations

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

- Continue quarterly and annual groundwater monitoring and sampling activities to monitor dissolved phase BTEX concentrations and LNAPL trends.
- Continue to monitor BTEX concentrations at point of compliance wells to the east of the site to delineate and mitigate potential groundwater contamination in areas adjacent to Site which are hydraulically downgradient. If an increasing trend in BTEX concentrations is observed, additional remedial strategies to mitigate migration of contaminants may be recommended.
- Continue operation, monitoring, and maintenance of the Spill Buster LNAPL extraction system.
- Regularly inspect and replace passive LNAPL bailers in MW-10 and MW-17 to increase recovery of LNAPL.
- Temporarily discontinue AS activities at monitoring well MW-22 approximately two weeks prior to the second and third quarter 2021 groundwater monitoring events, AS operation will be temporarily discontinued to allow the formation to equilibrate prior to sampling. Subsequent to groundwater sampling activities, AS remediation will be continued at that location.

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Tables

TABLE 1
FIRST QUARTER 2021
SUMMARY OF GROUNDWATER ELEVATION DATA
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event(1) (feet)
MW-1	06/16/2020	58.17	54.92	3.25	NM	3626.06	3570.33	-0.08
MW-1	09/22/2020	58.37	55.20	3.17	NM	3626.06	3570.07	-0.26
MW-1	12/15/2020	55.45			NM	3626.06	3570.61	0.54
MW-1	03/23/2021	NM			NM	3626.06	NM	NM
MW-2	06/16/2020	52.05	49.91	2.14	NM	3623.14	3572.70	-0.26
MW-2	09/22/2020	52.35	50.15	2.20	NM	3623.14	3572.44	-0.25
MW-2	12/15/2020	52.50	50.45	2.05	NM	3623.14	3572.18	-0.26
MW-2	03/23/2021	52.77	50.70	2.07	NM	3623.14	3571.92	-0.26
MW-3	06/16/2020	50.67			NM	3623.01	3572.34	-0.29
MW-3	09/22/2020	50.95			NM	3623.01	3572.06	-0.28
MW-3	12/15/2020	51.20			NM	3623.01	3571.81	-0.25
MW-3	03/23/2021	51.49			NM	3623.01	3571.52	-0.29
MW-5	06/16/2020	57.89			NM	3629.16	3571.27	0.15
MW-5	09/22/2020	58.17			NM	3629.16	3570.99	-0.28
MW-5	12/15/2020	58.45			NM	3629.16	3570.71	-0.28
MW-5	03/23/2021	58.61			NM	3629.16	3570.55	-0.16
MW-6	06/16/2020	53.68			NM	3626.93	3573.25	-0.15
MW-6	09/22/2020	53.92			NM	3626.93	3573.01	-0.24
MW-6	12/15/2020	54.20			NM	3626.93	3572.73	-0.28
MW-6	03/23/2021	54.37			NM	3626.93	3572.56	-0.17
MW-7	06/16/2020	DRY			44.94	3621.40	DRY	NA
MW-7	09/22/2010	DRY			44.94	3621.40	DRY	NA
MW-7	12/15/2020	DRY			44.94	3621.40	DRY	NA
MW-7	03/23/2021	DRY			44.94	3621.40	DRY	NA
MW-9	06/16/2020	61.70	56.66	5.04	NM	3625.21	3567.29	-0.21
MW-9	09/22/2020	61.87	59.85	2.02	NM	3625.21	3564.86	-2.44
MW-9	12/15/2020	60.50	57.16	3.34	NM	3625.21	3567.22	2.36
MW-9	03/23/2021	62.18	57.42	4.76	NM	3625.21	3566.60	-0.61
MW-10	06/16/2020	NM	NM		NM	3621.07	NA	NA
MW-10	09/22/2020	NM	NM		NM	3621.07	NA	NA
MW-10	12/15/2020	NM	NM		NM	3621.07	NA	NA
MW-10	03/23/2021	54.64	51.97	2.67	NM	3621.07	3568.43	NM
MW-12**	06/16/2020	NM	NM		NM	3626.60	NA	NA
MW-12**	09/22/2020	NM	NM		NM	3626.60	NA	NA
MW-12**	12/15/2020	NM	NM		NM	3626.60	NA	NA
MW-12**	03/23/2021	NM	NM		NM	3626.60	NA	NA

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MW-14	06/16/2020	54.10			NM	3621.42	3567.32	-0.24
MW-14	09/22/2020	54.32			NM	3621.42	3567.10	-0.22
MW-14	12/15/2020	54.66			NM	3621.42	3566.76	-0.34
MW-14	03/23/2021	54.87			NM	3621.42	3566.55	-0.21
MW-15	06/16/2020	49.80			NM	3619.39	3569.59	-0.23
MW-15	09/22/2020	50.09			NM	3619.39	3569.30	-0.29
MW-15	12/15/2020	50.34			NM	3619.39	3569.05	-0.25
MW-15	03/23/2021	50.59			NM	3619.39	3568.80	-0.25
MW-16	06/16/2020	49.73			NM	3621.87	3572.14	-0.32
MW-16	09/22/2020	50.02			NM	3621.87	3571.85	-0.29
MW-16	12/15/2020	50.29			NM	3621.87	3571.58	-0.27
MW-16	03/23/2021	50.55			NM	3621.87	3571.32	-0.26
MW-17	06/16/2020	NM	NM		NM	3623.94	NA	NA
MW-17	09/22/2020	NM	NM		NM	3623.94	NA	NA
MW-17	12/15/2020	NM	NM		NM	3623.94	NA	NA
MW-17	03/23/2021	59.50	59.21	0.29	NM	3623.94	3564.66	NM
MW-18	06/16/2020	59.54			NM	3624.30	3564.76	-0.22
MW-18	09/22/2020	59.78			NM	3624.30	3564.52	-0.24
MW-18	12/15/2020	60.10			NM	3624.30	3564.20	-0.32
MW-18	03/23/2021	60.27			NM	3624.30	3564.03	-0.17
MW-19	06/17/2020	60.03			NM	3624.12	3564.09	-0.26
MW-19	09/22/2020	60.26			NM	3624.12	3563.86	-0.23
MW-19	12/15/2020	60.55			NM	3624.12	3563.57	-0.29
MW-19	03/23/2021	60.77			NM	3624.12	3563.35	-0.22
MW-19D	06/17/2020	59.99			NM	3623.79	3563.80	-0.25
MW-19D	09/22/2020	60.25			NM	3623.79	3563.54	-0.26
MW-19D	12/15/2020	60.47			NM	3623.79	3563.32	-0.22
MW-19D	03/23/2021	60.73			NM	3623.79	3563.06	-0.26
MW-20	06/18/2020	57.60			NM	3621.49	3563.89	-0.23
MW-20	09/22/2020	57.89			NM	3621.49	3563.60	-0.29
MW-20	12/15/2020	58.17			NM	3621.49	3563.32	-0.28
MW-20	03/23/2021	58.37			NM	3621.49	3563.12	-0.20
MW-21	06/17/2020	59.45			NM	3624.25	3564.80	-0.28
MW-21	09/22/2020	59.71			NM	3624.25	3564.54	-0.26
MW-21	12/15/2020	59.95			NM	3624.25	3564.30	-0.24
MW-21	03/23/2021	60.17			NM	3624.25	3564.08	-0.22

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MW-22	06/17/2020	61.79			NM	3625.16	3563.37	-0.83
MW-22	09/22/2020	DRY			NM	3625.16	DRY	NM
MW-22	12/15/2020	62.20			NM	3625.16	3562.96	NM
MW-22	03/23/2021	62.38			NM	3625.16	3562.78	NM
MW-23	06/16/2020	53.68			NM	3621.16	3567.48	-0.22
MW-23	09/22/2020	53.94			NM	3621.16	3567.22	-0.26
MW-23	12/15/2020	54.18			NM	3621.16	3566.98	-0.24
MW-23	03/23/2021	54.45			NM	3621.16	3566.71	-0.27
MW-24	06/16/2020	51.80			NM	3619.27	3567.47	-0.24
MW-24	09/22/2020	52.10			NM	3619.27	3567.17	-0.30
MW-24	12/15/2020	52.37			NM	3619.27	3566.90	-0.27
MW-24	03/23/2021	52.61			NM	3619.27	3566.66	-0.24
MW-25	06/16/2020	52.79			NM	3619.73	3566.94	-0.24
MW-25	09/22/2020	53.09			NM	3619.73	3566.64	-0.30
MW-25	12/15/2020	53.34			NM	3619.73	3566.39	-0.25
MW-25	03/23/2021	53.58			NM	3619.73	3566.15	-0.24
MW-26	06/17/2020	60.79			76.10	3625.59	3564.80	-0.18
MW-26	09/22/2020	61.06			76.10	3625.59	3564.53	-0.27
MW-26	12/15/2020	61.20			76.10	3625.59	3564.39	-0.14
MW-26	03/23/2021	61.38			76.10	3625.59	3564.21	-0.18
MW-27	06/16/2020	62.00			71.90	3626.44	3564.44	-0.25
MW-27	09/22/2020	62.23			71.90	3626.44	3564.21	-0.23
MW-27	12/15/2020	62.45			71.90	3626.44	3563.99	-0.22
MW-27	03/23/2021	62.60			71.90	3626.44	3563.84	-0.15
MW-28	06/16/2020	61.90			74.82	3625.41	3563.51	-0.27
MW-28	09/22/2020	62.13			74.82	3625.41	3563.28	-0.23
MW-28	12/15/2020	62.37			74.82	3625.41	3563.04	-0.24
MW-28	03/23/2021	62.55			74.82	3625.41	3562.86	-0.18
MW-29	06/18/2020	61.04			76.59	3624.59	3563.55	-0.27
MW-29	09/22/2020	61.27			76.59	3624.59	3563.32	-0.23
MW-29	12/15/2020	61.55			76.59	3624.59	3563.04	-0.28
MW-29	03/23/2021	61.75			76.59	3624.59	3562.84	-0.20
TW-H	06/16/2020	52.91	50.92	1.99	NM	3622.30	3570.88	-0.19
TW-H	09/22/2020	53.13	51.20	1.93	NM	3622.30	3570.62	-0.26
TW-H	12/15/2020	53.30	51.20	2.10	NM	3622.30	3570.58	-0.04
TW-H	03/23/2021	53.28	51.53	1.75	NM	3622.30	3570.33	-0.24

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TW-K***	06/16/2020	NM	60.85	1.30	62.15	3628.95	NA	NA
TW-K***	09/22/2020	NM	NM		62.15	3628.95	NA	NA
TW-K***	12/15/2020	NM	NM		62.15	3628.95	NA	NA
TW-K***	03/23/2021	NM	NM		62.15	3628.95	NA	NA
TW-N	03/24/2016	59.18	56.55	2.63	59.24	3631.98	3574.77	NA
TW-N	09/10/2018	Well not located - presumed destroyed						
TW-Q	06/03/2014	NM	NM	NM	NM	NM	NA	NA
TW-Q	09/24/2014	Well not located - presumed destroyed						
TW-T	03/24/2016	61.55	60.10	1.45	61.60	NM	NA	NA
TW-T	09/28/2016	Well not located - presumed destroyed						
TW-T-R	06/16/2020	60.72	60.48	0.24	76.53	3625.90	3565.36	-0.24
TW-T-R	09/22/2020	61.00	60.70	0.30	76.53	3625.90	3565.13	-0.24
TW-T-R	12/15/2020	NM	NM		76.53	3625.90	NA	NA
TW-T-R	03/23/2021	NM	NM		76.53	3625.90	NA	NA
TW-U***	06/16/2020	NM	62.65	1.33	63.98	3628.67	NA	NA
TW-U***	09/22/2020	NM	62.95	1.03	63.98	3628.67	NA	NA
TW-U***	12/15/2020	63.20			63.98	3628.67	NA	NA
TW-U***	03/23/2021	63.43			63.98	3628.67	NA	NA
TW-V	06/16/2020	62.98			NM	3628.54	3565.56	-0.23
TW-V	09/22/2020	62.98			NM	3628.54	3565.56	0.00
TW-V	12/15/2020	DRY			NM	3628.54	DRY	NA
TW-V	03/23/2021	DRY			NM	3628.54	DRY	NA
TW-W	06/16/2020	61.79	60.11	1.68	NM	3626.88	3566.35	-0.17
TW-W	09/22/2020	61.91	60.40	1.51	NM	3626.88	3566.10	-0.25
TW-W	12/15/2020	60.65			NM	3626.88	3566.23	0.13
TW-W	03/23/2021	60.72			NM	3626.88	3566.16	-0.07
Average change in groundwater elevation (12/15/2020 to 3/23/2021)								-0.23

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
* Groundwater elevation was corrected for product thickness using the following calculation, when applicable:
** Monitoring well MW-12 has an active Spill Buster automatic LNAPL recovery pump installed. As such, the calculated groundwater elevations may not be representative of actual groundwater elevations within the well.
***No groundwater was present in well, Free Phase Hydrocarbon Thickness was measured in feet from Depth to Product (DTP) to TD.

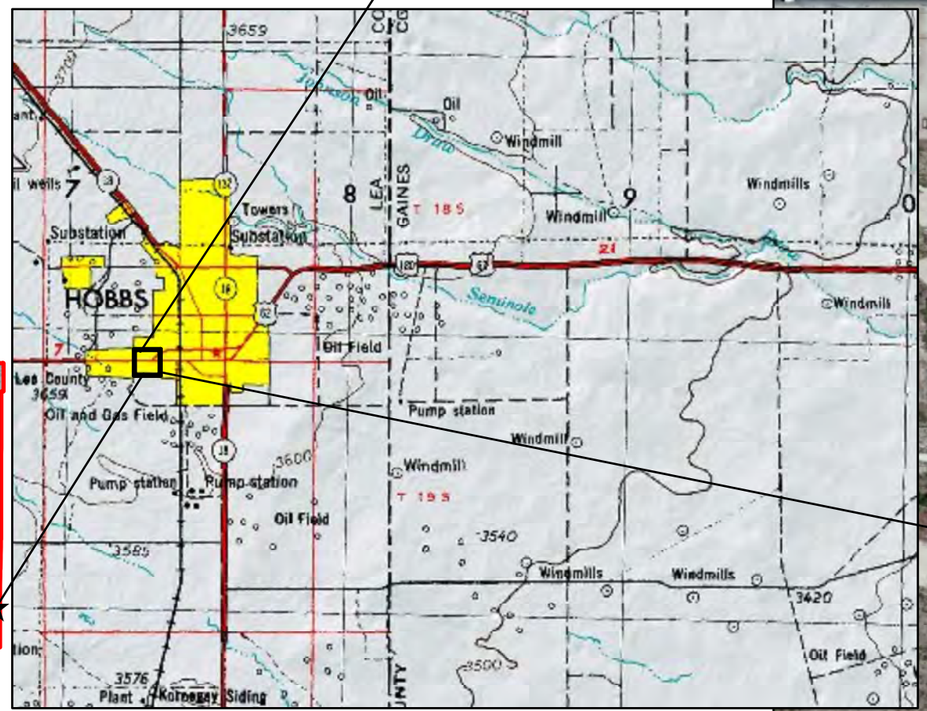
TABLE 2
FIRST QUARTER 2021
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	
MW-1	03/23/2021	Sampled Annualy - Historical LNAPL Present				
MW-2	03/23/2021	Sampled Annualy - Historical LNAPL Present				
MW-3	03/23/2021	NS	NS	NS	NS	
MW-5	03/23/2021	NS	NS	NS	NS	
MW-6	03/23/2021	NS	NS	NS	NS	
MW-7	03/23/2021	DRY				
MW-9	03/23/2021	Sampled Annualy - Historical LNAPL Present				
MW-10	03/23/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-12	03/23/2021	NS	NS	NS	NS	Spill Buster in Well
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-15	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-17	03/23/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-18	03/23/2021	NS	NS	NS	NS	
MW-19	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
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-20	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	03/23/2021	<0.00100	<0.00100	<0.00100	0.000230 J	
MW-22	03/23/2021	NS	NS	NS	NS	Insufficient Volume
MW-23	03/23/2021	**0.0185**	<0.00100	0.0205	0.00294 J	
MW-24	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-26	03/23/2021	**0.186**	<0.00500	0.039	0.0527	
MW-27	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-28	03/23/2021	0.00484	<0.00100	0.00194	0.000607 J	
MW-29	03/23/2021	**0.282**	0.000392 J	0.0193	0.0233	
Trip Blank	03/23/2021	<0.0010	<0.0010	<0.0010	<0.0030	

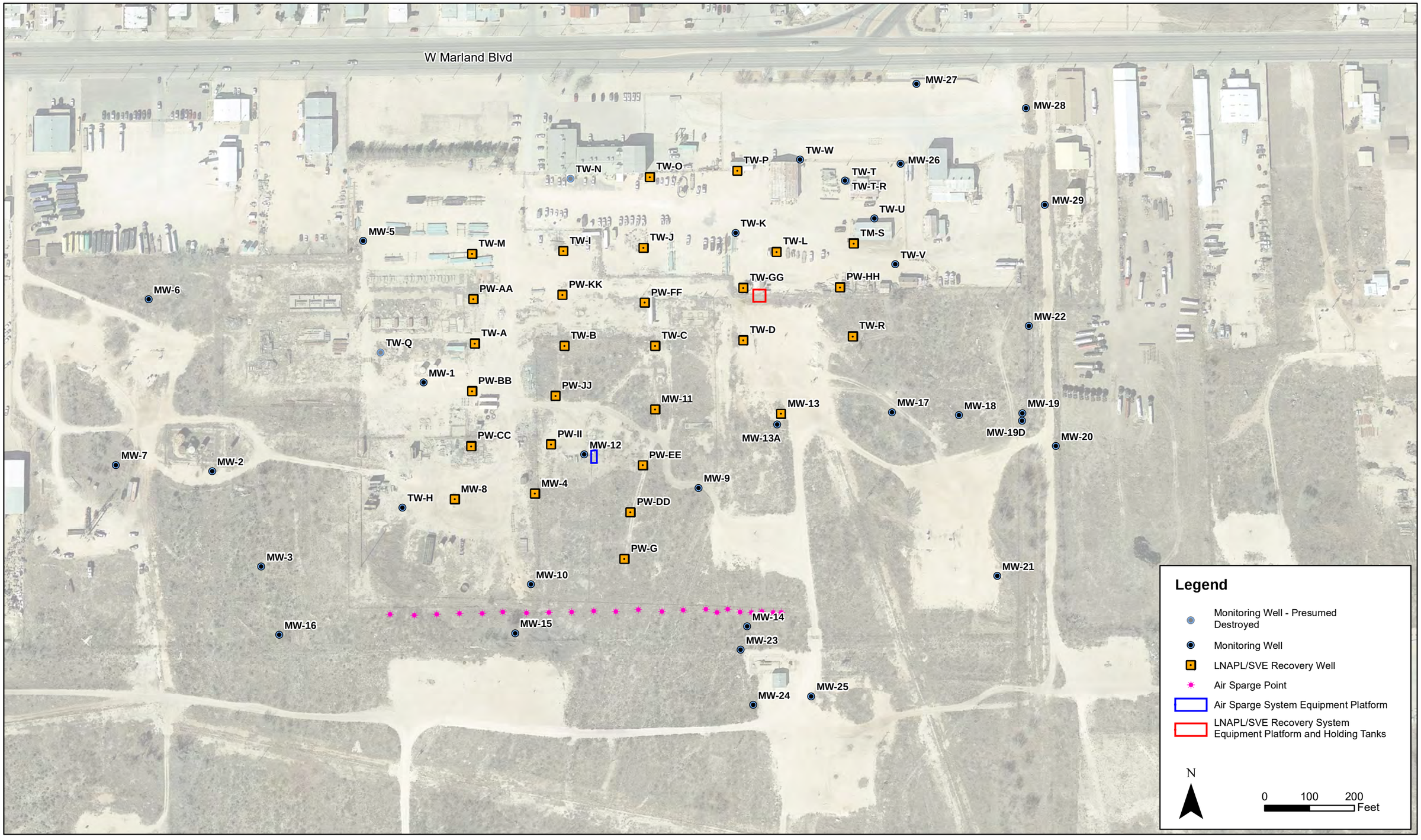
Notes:
Bold red values indicate an exceedance of the NMWQCC groundwater standards for the Site.
NMWQCC = New Mexico Water Quality Control Commission
LNAPL = Light Non-Aqueous Phase Liquid
J = A qualifier indicating an estimated value of a concentration above the laboratory's Method Detection Limit (MDL) but below the Reported Detection Limit (RDL).
mg/L = milligrams per liter

Figures

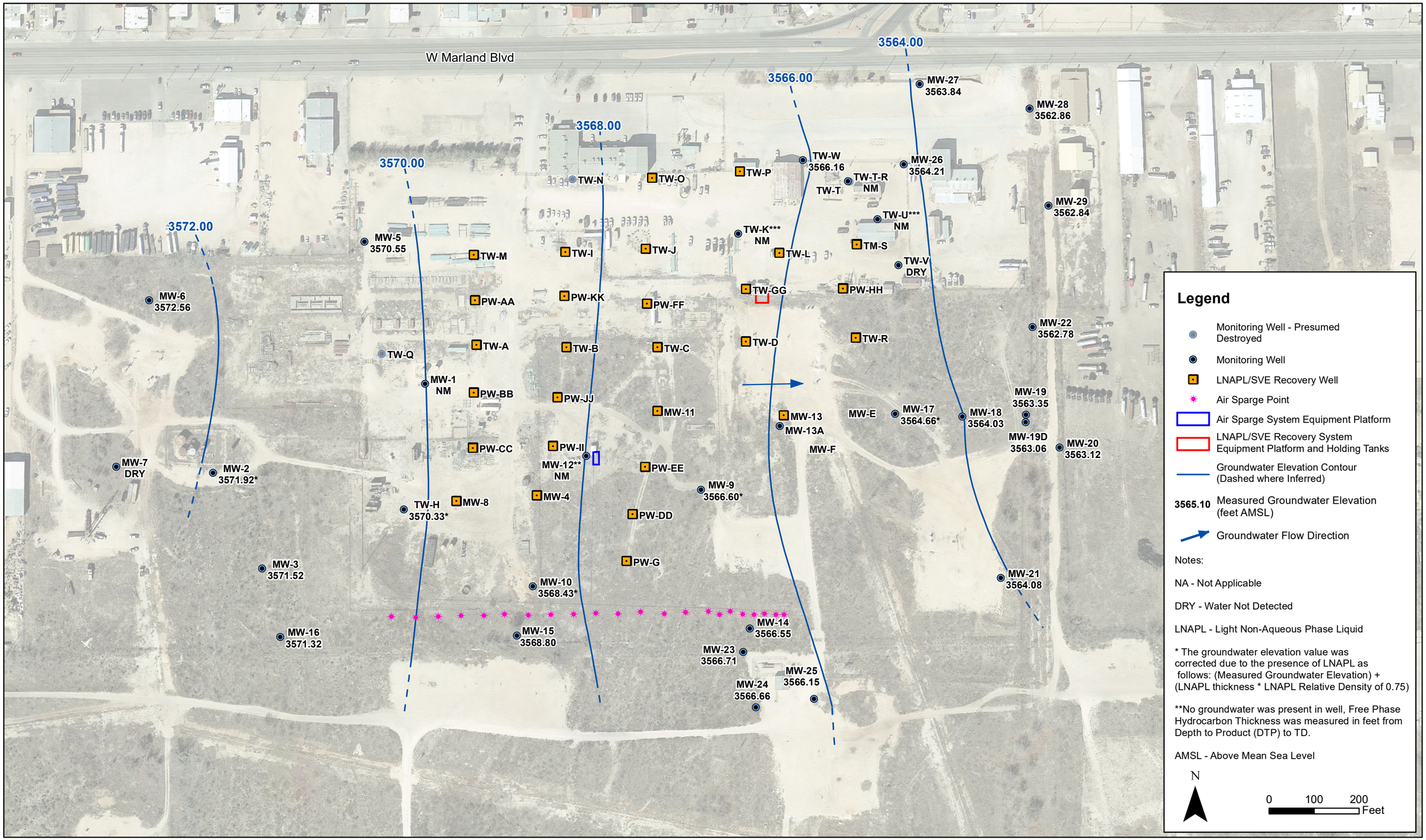
N



DATE: April 2015 DESIGNED BY: T. Johansen DRAWN BY: D. Arnold	TASMAN GEOSCIENCES Tasman Geosciences, Inc. 6899 Pecos Street - Unit C Denver, CO 80221	**DCP Midstream** **Hobbs Booster Station** Units C and D, Section 4, Township 19 South, Range 38 East Lea County, New Mexico	Site Location Map	Figure 1



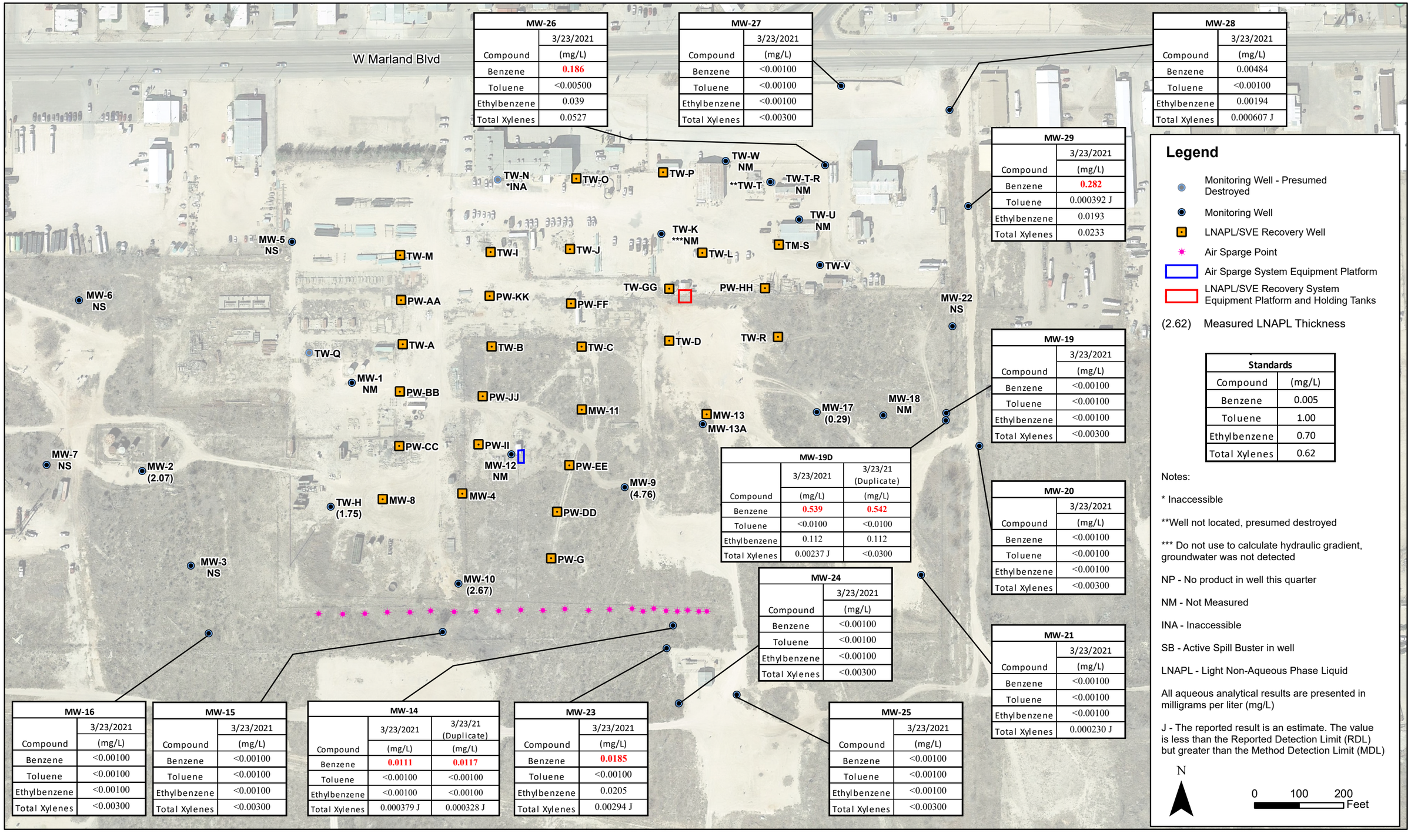
DATE: December 2019 DESIGNED BY: B.Humphrey DRAWN BY: J. Clonts	TASMAN GEOSCIENCES **Tasman Geosciences, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**DCP Midstream** **Hobbs Booster Station** First Quarter 2021 Groundwater Monitoring Summary Report	Site Map with Monitoring Well Locations	Figure 2



DATE: April 2021 DESIGNED BY: B.Humphrey DRAWN BY: J. Clonts	TASMAN GEOSCIENCES Tasman Geosciences, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Midstream** **Hobbs Booster Station** First Quarter 2021 Groundwater Monitoring Summary Report	Groundwater Elevation Contour Map (March 23, 2021)	Figure 3

Released to Imaging: 3/27/2023 10:59:00 AM

Received by OCD: 1/19/2023 6:38:10 AM



MW-26	3/23/2021
Compound	(mg/L)
Benzene	0.186
Toluene	<0.00500
Ethylbenzene	0.039
Total Xylenes	0.0527

MW-27	3/23/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-28	3/23/2021
Compound	(mg/L)
Benzene	0.00484
Toluene	<0.00100
Ethylbenzene	0.00194
Total Xylenes	0.000607 J

MW-29	3/23/2021
Compound	(mg/L)
Benzene	0.282
Toluene	0.000392 J
Ethylbenzene	0.0193
Total Xylenes	0.0233

MW-19	3/23/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-20	3/23/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-21	3/23/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	0.000230 J

MW-19D	3/23/2021	3/23/21 (Duplicate)
Compound	(mg/L)	(mg/L)
Benzene	0.539	0.542
Toluene	<0.0100	<0.0100
Ethylbenzene	0.112	0.112
Total Xylenes	0.00237 J	<0.0300

MW-24	3/23/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-25	3/23/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-16	3/23/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-15	3/23/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-14	3/23/2021	3/23/21 (Duplicate)
Compound	(mg/L)	(mg/L)
Benzene	0.0111	0.0117
Toluene	<0.00100	<0.00100
Ethylbenzene	<0.00100	<0.00100
Total Xylenes	0.000379 J	0.000328 J

MW-23	3/23/2021
Compound	(mg/L)
Benzene	0.0185
Toluene	<0.00100
Ethylbenzene	0.0205
Total Xylenes	0.00294 J

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

DATE: April 2021

DESIGNED BY: B.Humphrey

DRAWN BY: J. Clonts

TASMAN GEOSCIENCES

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

DCP Midstream
Hobbs Booster Station
First Quarter 2021 Groundwater Monitoring Summary Report

Analytical Results Map
(March 23, 2021)

Figure
4

Appendix A

Historical Analytical Results

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-1	09/15/2005	0.017	<0.002	0.047	0.066	
MW-1	09/24/2014	LNAPL				Annual Event
MW-1	09/01/2015	LNAPL				Annual Event
MW-1	09/28/2016	LNAPL				Annual Event
MW-1	09/26/2017	LNAPL				Annual Event
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 Annualy - Historical LNAPL Present				
MW-1	03/23/2021	Sampled Annualy - Historical LNAPL Present				
MW-2	09/24/2014	LNAPL				Annual Event
MW-2	09/01/2015	LNAPL				Annual Event
MW-2	09/29/2016	LNAPL				Annual Event
MW-2	09/26/2017	LNAPL				Annual Event
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 Annualy - Historical LNAPL Present				
MW-2	03/23/2021	Sampled Annualy - Historical LNAPL Present				
MW-3	09/14/2005	0.0025	<0.002	0.24	0.17	
MW-3	06/21/2006	0.0018	<0.002	0.14	0.089	
MW-3	06/27/2007	0.0012	<0.002	0.207	0.0977	
MW-3	09/21/2009	<0.002	<0.002	0.0123	0.0031	
MW-3	09/14/2010	<0.001	<0.002	0.0134	-	
MW-3	03/29/2011	NS	NS	NS	NS	
MW-3	09/16/2011	<0.001	<0.002	0.0246	0.0135	
MW-3	12/06/2011	NS	NS	NS	NS	
MW-3	03/09/2012	<0.001	<0.002	0.0019	<0.004	
MW-3	06/06/2012	NS	NS	NS	NS	
MW-3	09/06/2012	<0.001	<0.002	0.0022	0.0023	
MW-3	12/05/2012	NS	NS	NS	NS	
MW-3	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-3	06/03/2013	NS	NS	NS	NS	
MW-3	09/10/2013	<0.001	<0.002	0.0023	<0.003	
MW-3	12/02/2013	NS	NS	NS	NS	
MW-3	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-3	09/01/2015	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-3	09/29/2016	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-3	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-3	12/15/2020	NS	NS	NS	NS	
MW-3	03/23/2021	NS	NS	NS	NS	
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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-5	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-5	06/03/2013	NS	NS	NS	NS	
MW-5	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-5	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-5	09/01/2015	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
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-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	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-6	09/01/2015	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-6	09/29/2016	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-6	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
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-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	09/06/2012	DRY				Annual Event
MW-7	09/10/2013	DRY				Annual Event
MW-7	09/22/2014	DRY				Annual Event
MW-7	09/01/2015	DRY				Annual Event
MW-7	09/28/2016	DRY				Annual Event
MW-7	09/26/2017	DRY				Annual Event
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-9	09/24/2014	LNAPL				Annual Event

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-9	09/01/2015	LNAPL				Annual Event
MW-9	09/28/2016	LNAPL				Annual Event
MW-9	09/26/2017	LNAPL				Annual Event
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 Annualy - Historical LNAPL Present				
MW-9	03/23/2021	Sampled Annualy - Historical LNAPL Present				
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	09/24/2014	LNAPL				Annual Event
MW-10	09/01/2015	LNAPL				Annual Event
MW-10	09/28/2016	LNAPL				Annual Event
MW-10	09/26/2017	LNAPL				Annual Event
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-12	09/22/2014	LNAPL				Annual Event
MW-12	09/01/2015	LNAPL				Annual Event
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-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	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-14	09/21/2009	**0.205**	<0.002	0.008	<0.0017	
MW-14	12/20/2009	**0.165**	<0.002	0.0037	<0.0017	
MW-14	03/09/2010	<0.40	<0.002	<1.0	-	
MW-14	06/14/2010	**0.081**	<0.002	0.0017	-	
MW-14	09/14/2010	**0.11**	<0.002	0.0024	-	
MW-14	12/07/2010	**0.118**	<0.002	0.002	-	
MW-14	03/29/2011	**0.0901**	0.0041	<0.002	<0.002	
MW-14	06/21/2011	**0.187**	<0.0010	0.0043	<0.0020	
MW-14	09/15/2011	**0.15**	<0.002	0.0024	<0.004	
MW-14	12/06/2011	**0.0787**	<0.002	0.0017	<0.004	Duplicate sample collected
MW-14	03/09/2012	**0.0523**	<0.002	0.00066	<0.004	
MW-14	06/06/2012	**0.0335**	<0.002	0.00064	<0.003	
MW-14	09/06/2012	**0.105**	<0.002	0.0012	<0.003	
MW-14	12/05/2012	**0.129**	<0.002	0.00081	<0.003	
MW-14	02/19/2013	**0.0603**	<0.002	0.00084	<0.003	
MW-14	06/03/2013	**0.0461**	<0.002	0.0012	<0.003	Duplicate sample collected
MW-14	09/10/2013	**0.0959**	<0.002	0.0016	<0.003	Duplicate A sample collected
MW-14	12/02/2013	**0.0636**	<0.002	0.0011	<0.003	Duplicate A sample collected
MW-14	02/27/2014	**0.105**	<0.002	0.0012 J	0.0021 J	Duplicate sample collected
MW-14 - Duplicate	02/27/2014	**0.117**	<0.002	0.0012 J	0.0022 J	
MW-14	06/03/2014	**0.0265**	<0.002	0.00084 J	<0.003	Duplicate sample collected
MW-14 - Duplicate	06/03/2014	**0.0209**	<0.002	0.00058 J	<0.003	
MW-14	09/23/2014	**0.1**	<0.001	0.00066 J	0.0026	Duplicate A Sample Collected
MW-14 (Duplicate)	09/23/2014	**0.0673**	<0.001	0.00064 J	0.0017	
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

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-14 (Duplicate)	03/15/2019	**0.119**	<0.0010	<0.0010	0.00159 J	
MW-14	06/06/2019	**0.142**	0.000465 J	<0.0010	0.00197 J	Duplicate sample collected
MW-14 (Duplicate)	06/06/2019	**0.138**	<0.0010	<0.0010	0.00158 J	
MW-14	09/25/2019	**0.173**	<0.0010	<0.0010	<0.0030	Duplicate A sample collected
MW-14 (Duplicate)	09/25/2019	**0.170**	<0.0010	0.000401 J	<0.0030	
MW-14	12/16/2019	**0.0851**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	12/16/2019	**0.170**	<0.0010	0.000401 J	<0.0030	
MW-14	06/16/2020	**0.0398**	<0.0010	<0.0010	0.000367 J	Duplicate sample collected
MW-14 (Duplicate)	06/16/2020	**0.0395**	<0.0010	<0.0010	0.000351 J	
MW-14	09/23/2020	**0.00803**	<0.00100	<0.00100	0.000205 J	Duplicate A sample collected
MW-14 (Duplicate)	09/23/2020	**0.0075**	<0.00100	<0.00100	<0.00300	
MW-14	12/15/2020	**0.0120**	<0.00100	<0.00100	0.000458 J	Duplicate A sample collected
MW-14 (Duplicate)	12/15/2020	**0.0128**	<0.00100	<0.00100	0.000470 J	
MW-14	03/23/2021	**0.0111**	<0.00100	<0.00100	0.000379 J	Duplicate A sample collected
MW-14 (Duplicate)	03/23/2021	**0.0117**	<0.00100	<0.00100	0.000328 J	
MW-15	03/23/2005	<0.001	<0.002	<0.002	<0.006	
MW-15	06/08/2005	<0.001	<0.002	0.0034	<0.006	
MW-15	09/14/2005	<0.002	<0.002	0.0022	<0.006	
MW-15	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-15	03/28/2006	<0.002	<0.002	0.0049	<0.006	
MW-15	06/21/2006	<0.002	<0.002	0.02	<0.006	
MW-15	09/27/2006	0.002	<0.002	<0.002	<0.006	
MW-15	12/20/2006	<0.002	<0.002	<0.002	<0.006	
MW-15	03/29/2007	0.0012	<0.002	0.0045	<0.006	
MW-15	06/27/2007	0.00042	<0.002	0.0014	<0.006	
MW-15	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-15	11/28/2007	<0.0012	<0.002	<0.002	<0.006	
MW-15	03/06/2008	<0.002	<0.002	<0.002	<0.006	
MW-15	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-15	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-15	05/26/2009	0.0024	<0.002	0.0413	<0.006	
MW-15	09/21/2009	0.0033	<0.002	0.0501	<0.006	
MW-15	12/20/2009	0.00093	<0.002	0.0137	<0.006	
MW-15	03/09/2010	0.0041	<0.002	0.099	-	
MW-15	06/14/2010	0.0055	<0.002	0.16	-	
MW-15	09/14/2010	0.00075	<0.002	0.0015	-	
MW-15	12/07/2010	<0.001	<0.002	0.0011	-	
MW-15	03/29/2011	<0.001	<0.002	0.0039	<0.002	
MW-15	06/21/2011	0.0048	<0.002	0.0124	<0.004	
MW-15	09/15/2011	0.0054	<0.002	0.0124	<0.004	
MW-15	12/06/2011	0.0053	<0.002	0.0106	<0.004	
MW-15	03/09/2012	0.0059	<0.002	0.0097	<0.004	Duplicate-1 sample collected
MW-15	06/06/2012	0.0041	<0.002	<0.002	<0.003	Duplicate sample collected
MW-15	09/06/2012	0.0033	<0.002	<0.002	<0.003	Duplicate-1 sample collected
MW-15	12/05/2012	0.0027	<0.002	<0.002	<0.003	Duplicate sample collected
MW-15	02/19/2013	0.002	<0.002	<0.002	<0.003	Duplicate A sample collected
MW-15	06/03/2013	0.0019	<0.002	<0.002	<0.003	
MW-15	09/10/2013	0.0022	<0.002	<0.002	<0.003	
MW-15	12/02/2013	0.0017	<0.002	<0.002	<0.003	
MW-15	02/27/2014	0.0021	<0.002	<0.002	<0.003	
MW-15	06/03/2014	0.0019	<0.002	<0.002	<0.003	
MW-15	09/22/2014	0.0027	<0.001	<0.001	<0.001	
MW-15	12/03/2014	0.0018	0.00031J	<0.001	<0.003	
MW-15	02/25/2015	0.0015	<0.001	0.0021	<0.003	
MW-15	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	03/23/2016	0.001	<0.0010	<0.0010	<0.0030	

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

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NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
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-17	09/24/2014	LNAPL				Annual Event
MW-17	09/01/2015	LNAPL				Annual Event
MW-17	09/28/2016	LNAPL				Annual Event
MW-17	09/26/2017	LNAPL				Annual Event
MW-17	09/11/2018	LNAPL				Annual Event
MW-17	09/24/2019	LNAPL				Annual Event
MW-17	09/23/2020	Not Measured				Passive Bailer in Well
MW-17	12/15/2020	Not Measured				Passive Bailer in Well
MW-17	03/23/2021	NS	NS	NS	NS	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	09/24/2014	LNAPL				Annual Event
MW-18	09/01/2015	LNAPL				Annual Event
MW-18	09/28/2016	LNAPL				Annual Event
MW-18	09/26/2017	LNAPL				Annual Event
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	NS	NS	NS	NS	
MW-18	03/23/2021	NS	NS	NS	NS	
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	

APPENDIX A
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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-19	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-19	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	03/09/2010	0.0009	<0.002	<1.0	-	
MW-19	06/14/2010	0.00051	<0.002	<0.30	-	
MW-19	09/14/2010	0.00036	<0.002	<0.002	-	
MW-19	12/07/2010	<0.001	<0.002	0.00068	-	
MW-19	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-19	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-19	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-19	09/23/2014	<0.001	<0.001	<0.001	<0.001	
MW-19	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-19	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-19	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
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-19S	09/27/2006	<0.23	<0.54	<0.48	<1.1	
MW-19S	Well Not On 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	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-19D	12/20/2006	0.0018	<0.002	0.00074	<0.006	
MW-19D	03/29/2007	0.0007	<0.002	<0.002	<0.006	
MW-19D	06/27/2007	0.00074	<0.002	<0.002	<0.006	
MW-19D	09/06/2007	0.00072	<0.002	<0.002	<0.006	
MW-19D	11/28/2007	0.00093	<0.002	<0.002	<0.006	
MW-19D	03/06/2008	0.001	<0.002	<0.002	<0.006	
MW-19D	12/02/2008	0.0016	<0.002	<0.002	<0.006	
MW-19D	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-19D	05/26/2009	0.00074	<0.002	<0.002	<0.006	
MW-19D	09/21/2009	0.0011	<0.002	<0.002	<0.006	
MW-19D	12/20/2009	0.0009	<0.002	<0.002	<0.006	
MW-19D	03/09/2010	0.0009	<0.002	<0.002	-	
MW-19D	06/14/2010	0.00037	<0.002	<0.002	-	
MW-19D	09/14/2010	0.00086	<0.002	<0.002	-	
MW-19D	12/07/2010	0.00085	<0.002	<0.002	-	
MW-19D	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19D	06/21/2011	.0006 J	<0.002	<0.002	<0.004	
MW-19D	09/15/2011	0.0014	<0.002	<0.002	<0.004	
MW-19D	12/06/2011	0.0015	<0.002	<0.002	<0.004	
MW-19D	03/09/2012	0.0015	<0.002	<0.002	<0.004	Duplicate-2 sample collected
MW-19D	06/06/2012	0.00079	<0.002	<0.002	<0.003	
MW-19D	09/06/2012	0.00072	<0.002	<0.002	<0.003	Duplicate-2 sample collected
MW-19D	12/05/2012	0.003	<0.002	0.00069	<0.003	
MW-19D	02/19/2013	0.0086	<0.002	0.0045	<0.003	Duplicate B sample collected
MW-19D	06/03/2013	0.00073	<0.002	0.0064	<0.003	
MW-19D	09/10/2013	0.00054	<0.002	0.00087	<0.003	Duplicate B sample collected
MW-19D	12/02/2013	0.00057	<0.002	<0.002	<0.003	
MW-19D	02/27/2014	0.00059 J	<0.002	<0.002	<0.003	
MW-19D	06/03/2014	0.0022	<0.002	<0.002	<0.003	
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

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-20	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	
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	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-20	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-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	
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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-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-22	03/23/2005	0.0013	<0.002	<0.001	<0.006	
MW-22	06/08/2005	<0.001	0.0025	0.0073	<0.006	
MW-22	09/14/2005	0.0066	<0.002	<0.002	<0.006	
MW-22	12/13/2005	0.0059	<0.002	<0.002	<0.006	
MW-22	03/28/2006	0.006	<0.002	<0.002	<0.006	
MW-22	06/21/2006	0.0034	<0.002	<0.002	<0.006	
MW-22	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-22	12/20/2006	0.00089	<0.002	<0.002	<0.006	
MW-22	03/29/2007	0.00067	<0.002	<0.002	<0.006	
MW-22	06/27/2007	0.00076	<0.002	<0.002	<0.006	
MW-22	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-22	11/28/2007	0.001	<0.002	<0.002	<0.006	
MW-22	03/06/2008	0.0015	<0.002	<0.002	<0.006	
MW-22	12/02/2008	0.0064	<0.002	<0.002	<0.006	
MW-22	03/09/2009	0.0048	<0.002	<0.002	<0.006	
MW-22	05/26/2009	0.0046	<0.002	<0.002	<0.006	
MW-22	09/21/2009	0.0026	<0.002	<0.002	<0.006	
MW-22	12/20/2009	0.0028	<0.002	<0.002	<0.006	
MW-22	03/29/2011	0.0034	<0.002	<0.002	0.0022	
MW-22	06/21/2011	0.0041	<0.002	.0005 J	<0.004	
MW-22	09/15/2011	0.0037	<0.002	<0.002	<0.004	
MW-22	12/06/2011	0.0028	<0.002	<0.002	<0.004	
MW-22	03/09/2012	0.0034	<0.002	0.00046	<0.004	
MW-22	06/06/2012	0.0031	<0.002	0.00045	<0.003	
MW-22	09/06/2012	0.0021	<0.002	<0.002	<0.003	
MW-22	12/05/2012	0.0033	<0.002	0.00055	0.0031	
MW-22	02/19/2013	0.0046	<0.002	0.0011	0.0043	
MW-22	06/03/2013	0.0054	<0.002	0.001	0.0046	
MW-22	09/10/2013	0.0097	<0.002	0.0029	0.0058	
MW-22	12/02/2013	0.0087	<0.002	0.00084	0.0054	
MW-22	02/27/2014	**0.0122**	<0.002	0.00088 J	0.0061	
MW-22	06/03/2014	**0.0245**	<0.002	0.0010 J	0.0055	
MW-22	09/23/2014	**0.0626**	<0.001	0.0019	0.0092	Duplicate B Sample Collected
MW-22 (Duplicate)	09/23/2014	**0.062**	<0.001	0.0029	0.0086	
MW-22	12/03/2014	**0.0764**	<0.001	0.0015	0.0089	
MW-22	02/25/2015	**0.092**	<0.001	<0.001	0.0084	
MW-22	06/03/2015	**0.11**	<0.001	<0.001	0.0067	
MW-22	09/01/2015	**0.13**	<0.001	<0.001	0.0063	
MW-22	12/17/2015	**0.13**	<0.001	0.0015	0.0063	
MW-22	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/29/2016	0.0015	<0.0010	<0.0010	<0.0030	
MW-22	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-22	03/09/2017	**0.25**	<0.0010	0.01	0.0048	
MW-22	06/21/2017	**0.14**	<0.0010	0.0064	0.0038	
MW-22	09/26/2017	<0.0050	<0.0050	<0.0050	<0.0150	
MW-22	12/20/2017	0.000987 J	<0.0010	<0.0010	<0.0030	
MW-22	03/13/2018	**0.109**	<0.0010	0.013	0.00168 J	
MW-22	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/11/2018	<0.0010	<0.0010	0.000433 J	<0.0030	
MW-22	12/27/2018	**0.0248**	<0.0010	0.00642	<0.0030	
MW-22	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	

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

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

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-25	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	03/19/2008	0.0012	0.0015	<0.00045	<0.0014	
MW-25	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-25	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-25	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-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-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-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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-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	
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	

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

Appendix B

Laboratory Analytical Report

- Pace Job #: L1330836

Pace Analytical®

ANALYTICAL REPORT

April 01, 2021

DCP Midstream - Tasman

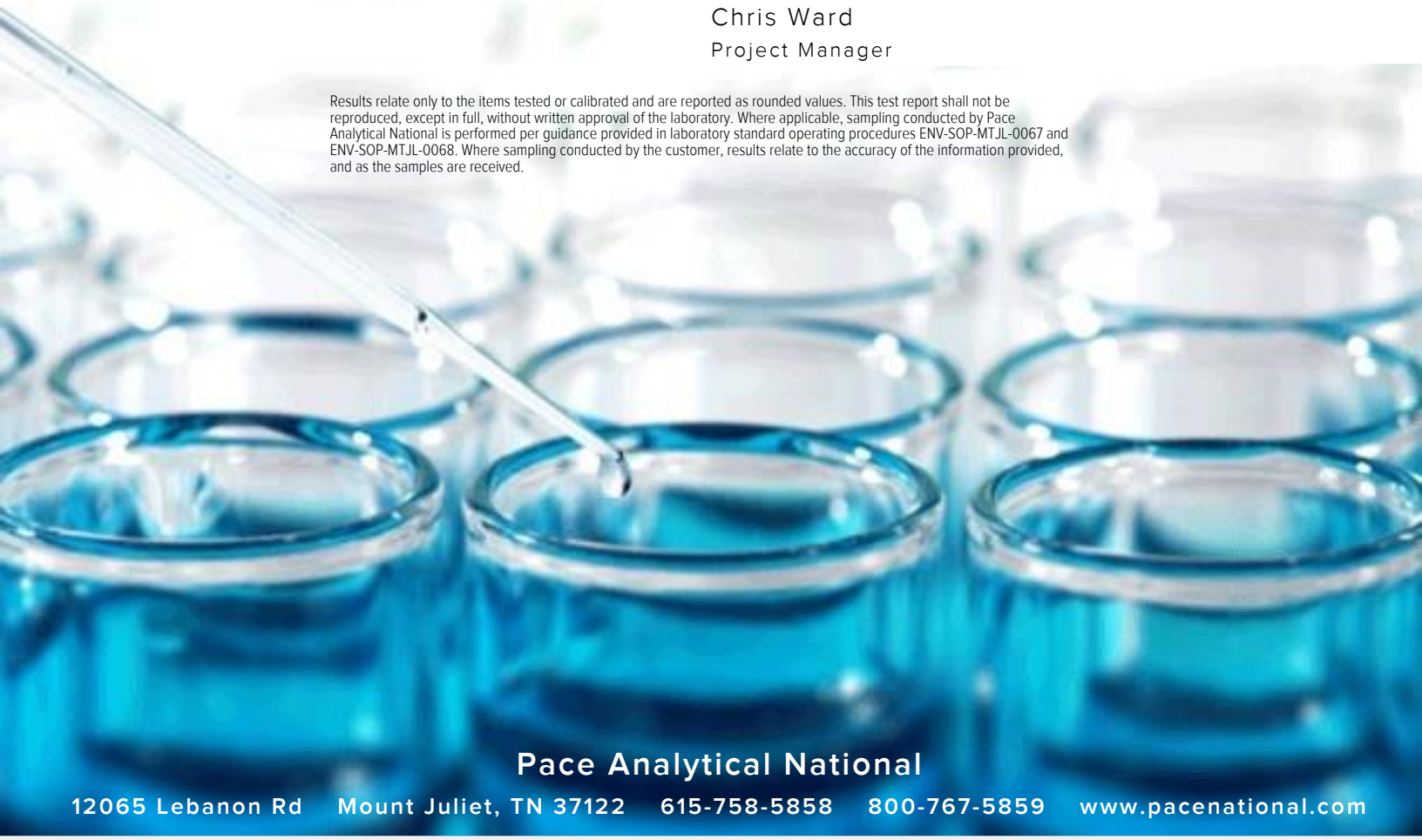
Sample Delivery Group:	L1330836
Samples Received:	03/25/2021
Project Number:	
Description:	Former Hobbs Booster Station

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

Entire Report Reviewed By: Chris Ward

Chris Ward
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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

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Released to Imaging: 3/27/2023 10:59:00 AM

MW-14 L1330836-01 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 13:05 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641110	1	03/26/21 23:01	03/26/21 23:01	JHH	Mt. Juliet, TN

MW-15 L1330836-02 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 14:05 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641110	1	03/26/21 23:21	03/26/21 23:21	JHH	Mt. Juliet, TN

MW-16 L1330836-03 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 14:25 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641110	1	03/26/21 23:41	03/26/21 23:41	JHH	Mt. Juliet, TN

MW-19 L1330836-04 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 11:05 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641110	1	03/27/21 00:02	03/27/21 00:02	JHH	Mt. Juliet, TN

MW-19D L1330836-05 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 10:45 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1643526	10	03/31/21 18:22	03/31/21 18:22	TPR	Mt. Juliet, TN

MW-20 L1330836-06 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 10:25 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641110	1	03/27/21 00:33	03/27/21 00:33	JHH	Mt. Juliet, TN

MW-21 L1330836-07 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 12:20 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641110	1	03/27/21 00:52	03/27/21 00:52	JHH	Mt. Juliet, TN

MW-23 L1330836-08 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 12:45 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641110	1	03/27/21 01:12	03/27/21 01:12	JHH	Mt. Juliet, TN

MW-24 L1330836-09 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 13:45 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641110	1	03/27/21 01:32	03/27/21 01:32	JHH	Mt. Juliet, TN

MW-25 L1330836-10 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 13:25 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641110	1	03/27/21 01:52	03/27/21 01:52	JHH	Mt. Juliet, TN

MW-27 L1330836-11 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 09:25 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641110	1	03/27/21 02:12	03/27/21 02:12	JHH	Mt. Juliet, TN

MW-28 L1330836-12 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 09:00 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641110	1	03/27/21 07:12	03/27/21 07:12	JHH	Mt. Juliet, TN

MW-29 L1330836-13 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 10:00 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641110	1	03/27/21 07:31	03/27/21 07:31	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1643526	10	03/31/21 18:46	03/31/21 18:46	TPR	Mt. Juliet, TN

DUPLICATE A L1330836-14 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 00:00 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641110	1	03/27/21 08:15	03/27/21 08:15	JHH	Mt. Juliet, TN

DUPLICATE B L1330836-15 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 00:00 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1643526	10	03/31/21 19:09	03/31/21 19:09	TPR	Mt. Juliet, TN

TRIP BLANK L1330836-16 GW

Collected by: Becky Griffin | Collected date/time: 03/23/21 14:00 | Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641110	1	03/26/21 21:40	03/26/21 21:40	JHH	Mt. Juliet, TN

SAMPLE SUMMARY

MW-26 L1330836-17 GW

Collected by: Becky Griffin
Collected date/time: 03/23/21 14:50
Received date/time: 03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1643526	5	03/31/21 19:33	03/31/21 19:33	TPR	Mt. Juliet, TN

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

Chris Ward
Project Manager

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0111		0.0000941	0.00100	1	03/26/2021 23:01	WG1641110
Toluene	U		0.000278	0.00100	1	03/26/2021 23:01	WG1641110
Ethylbenzene	U		0.000137	0.00100	1	03/26/2021 23:01	WG1641110
Total Xylenes	0.000379	J	0.000174	0.00300	1	03/26/2021 23:01	WG1641110
(S) Toluene-d8	*108*			*80.0-120*		*03/26/2021 23:01*	WG1641110
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*		*03/26/2021 23:01*	WG1641110
(S) 1,2-Dichloroethane-d4	*95.8*			*70.0-130*		*03/26/2021 23:01*	WG1641110

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/26/2021 23:21	WG1641110
Toluene	U		0.000278	0.00100	1	03/26/2021 23:21	WG1641110
Ethylbenzene	U		0.000137	0.00100	1	03/26/2021 23:21	WG1641110
Total Xylenes	U		0.000174	0.00300	1	03/26/2021 23:21	WG1641110
(S) Toluene-d8	*100*			*80.0-120*		*03/26/2021 23:21*	WG1641110
(S) 4-Bromofluorobenzene	*93.4*			*77.0-126*		*03/26/2021 23:21*	WG1641110
(S) 1,2-Dichloroethane-d4	*96.9*			*70.0-130*		*03/26/2021 23:21*	WG1641110

Received by OCD: 1/19/2023 6:38:10 AM

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/26/2021 23:41	WG1641110
Toluene	U		0.000278	0.00100	1	03/26/2021 23:41	WG1641110
Ethylbenzene	U		0.000137	0.00100	1	03/26/2021 23:41	WG1641110
Total Xylenes	U		0.000174	0.00300	1	03/26/2021 23:41	WG1641110
(S) Toluene-d8	*108*			*80.0-120*		*03/26/2021 23:41*	WG1641110
(S) 4-Bromofluorobenzene	*95.0*			*77.0-126*		*03/26/2021 23:41*	WG1641110
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*		*03/26/2021 23:41*	WG1641110

Released to Imaging: 3/27/2023 10:59:00 AM

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/27/2021 00:02	WG1641110
Toluene	U		0.000278	0.00100	1	03/27/2021 00:02	WG1641110
Ethylbenzene	U		0.000137	0.00100	1	03/27/2021 00:02	WG1641110
Total Xylenes	U		0.000174	0.00300	1	03/27/2021 00:02	WG1641110
(S) Toluene-d8	*105*			*80.0-120*		*03/27/2021 00:02*	WG1641110
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*		*03/27/2021 00:02*	WG1641110
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*03/27/2021 00:02*	WG1641110

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	0.539		0.000941	0.0100	10	03/31/2021 18:22	WG1643526
Toluene	U		0.00278	0.0100	10	03/31/2021 18:22	WG1643526
Ethylbenzene	0.112		0.00137	0.0100	10	03/31/2021 18:22	WG1643526
Total Xylenes	0.00237	J	0.00174	0.0300	10	03/31/2021 18:22	WG1643526
(S) Toluene-d8	*114*			*80.0-120*		*03/31/2021 18:22*	WG1643526
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*03/31/2021 18:22*	WG1643526
(S) 1,2-Dichloroethane-d4	*133*	J1		*70.0-130*		*03/31/2021 18:22*	WG1643526

Received by OCD: 1/19/2023 6:38:10 AM

MW-20
Collected date/time: 03/23/21 10:25
L1330836

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/27/2021 00:33	WG1641110
Toluene	U		0.000278	0.00100	1	03/27/2021 00:33	WG1641110
Ethylbenzene	U		0.000137	0.00100	1	03/27/2021 00:33	WG1641110
Total Xylenes	U		0.000174	0.00300	1	03/27/2021 00:33	WG1641110
(S) Toluene-d8	*107*			*80.0-120*		*03/27/2021 00:33*	WG1641110
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*		*03/27/2021 00:33*	WG1641110
(S) 1,2-Dichloroethane-d4	*99.0*			*70.0-130*		*03/27/2021 00:33*	WG1641110

Released to Imaging: 3/27/2023 10:59:00 AM

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/27/2021 00:52	WG1641110
Toluene	U		0.000278	0.00100	1	03/27/2021 00:52	WG1641110
Ethylbenzene	U		0.000137	0.00100	1	03/27/2021 00:52	WG1641110
Total Xylenes	0.000230	J	0.000174	0.00300	1	03/27/2021 00:52	WG1641110
(S) Toluene-d8	*103*			*80.0-120*		*03/27/2021 00:52*	WG1641110
(S) 4-Bromofluorobenzene	*94.7*			*77.0-126*		*03/27/2021 00:52*	WG1641110
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*03/27/2021 00:52*	WG1641110

MW-23
Collected date/time: 03/23/21 12:45
L1330836

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	0.0185		0.0000941	0.00100	1	03/27/2021 01:12	WG1641110
Toluene	U		0.000278	0.00100	1	03/27/2021 01:12	WG1641110
Ethylbenzene	0.0205		0.000137	0.00100	1	03/27/2021 01:12	WG1641110
Total Xylenes	0.00294	J	0.000174	0.00300	1	03/27/2021 01:12	WG1641110
(S) Toluene-d8	*103*			*80.0-120*		*03/27/2021 01:12*	WG1641110
(S) 4-Bromofluorobenzene	*96.8*			*77.0-126*		*03/27/2021 01:12*	WG1641110
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*		*03/27/2021 01:12*	WG1641110

MW-24
Collected date/time: 03/23/21 13:45
L1330836

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/27/2021 01:32	WG1641110
Toluene	U		0.000278	0.00100	1	03/27/2021 01:32	WG1641110
Ethylbenzene	U		0.000137	0.00100	1	03/27/2021 01:32	WG1641110
Total Xylenes	U		0.000174	0.00300	1	03/27/2021 01:32	WG1641110
(S) Toluene-d8	*109*			*80.0-120*		*03/27/2021 01:32*	WG1641110
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*03/27/2021 01:32*	WG1641110
(S) 1,2-Dichloroethane-d4	*99.3*			*70.0-130*		*03/27/2021 01:32*	WG1641110

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/27/2021 01:52	WG1641110
Toluene	U		0.000278	0.00100	1	03/27/2021 01:52	WG1641110
Ethylbenzene	U		0.000137	0.00100	1	03/27/2021 01:52	WG1641110
Total Xylenes	U		0.000174	0.00300	1	03/27/2021 01:52	WG1641110
(S) Toluene-d8	*107*			*80.0-120*		*03/27/2021 01:52*	WG1641110
(S) 4-Bromofluorobenzene	*98.0*			*77.0-126*		*03/27/2021 01:52*	WG1641110
(S) 1,2-Dichloroethane-d4	*99.2*			*70.0-130*		*03/27/2021 01:52*	WG1641110

MW-27
Collected date/time: 03/23/21 09:25
L1330836

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/27/2021 02:12	WG1641110
Toluene	U		0.000278	0.00100	1	03/27/2021 02:12	WG1641110
Ethylbenzene	U		0.000137	0.00100	1	03/27/2021 02:12	WG1641110
Total Xylenes	U		0.000174	0.00300	1	03/27/2021 02:12	WG1641110
(S) Toluene-d8	*105*			*80.0-120*		*03/27/2021 02:12*	WG1641110
(S) 4-Bromofluorobenzene	*94.3*			*77.0-126*		*03/27/2021 02:12*	WG1641110
(S) 1,2-Dichloroethane-d4	*98.4*			*70.0-130*		*03/27/2021 02:12*	WG1641110

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	0.00484		0.0000941	0.00100	1	03/27/2021 07:12	WG1641110
Toluene	U		0.000278	0.00100	1	03/27/2021 07:12	WG1641110
Ethylbenzene	0.00194		0.000137	0.00100	1	03/27/2021 07:12	WG1641110
Total Xylenes	0.000607	J	0.000174	0.00300	1	03/27/2021 07:12	WG1641110
(S) Toluene-d8	*106*			*80.0-120*		*03/27/2021 07:12*	WG1641110
(S) 4-Bromofluorobenzene	*96.7*			*77.0-126*		*03/27/2021 07:12*	WG1641110
(S) 1,2-Dichloroethane-d4	*98.2*			*70.0-130*		*03/27/2021 07:12*	WG1641110

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	0.282		0.000941	0.0100	10	03/31/2021 18:46	WG1643526
Toluene	0.000392	J	0.000278	0.00100	1	03/27/2021 07:31	WG1641110
Ethylbenzene	0.0193		0.000137	0.00100	1	03/27/2021 07:31	WG1641110
Total Xylenes	0.0233		0.000174	0.00300	1	03/27/2021 07:31	WG1641110
(S) Toluene-d8	*102*			*80.0-120*		*03/27/2021 07:31*	WG1641110
(S) Toluene-d8	*111*			*80.0-120*		*03/31/2021 18:46*	WG1643526
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*		*03/27/2021 07:31*	WG1641110
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*03/31/2021 18:46*	WG1643526
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*03/27/2021 07:31*	WG1641110
(S) 1,2-Dichloroethane-d4	*126*			*70.0-130*		*03/31/2021 18:46*	WG1643526

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	0.0117		0.0000941	0.00100	1	03/27/2021 08:15	WG1641110
Toluene	U		0.000278	0.00100	1	03/27/2021 08:15	WG1641110
Ethylbenzene	U		0.000137	0.00100	1	03/27/2021 08:15	WG1641110
Total Xylenes	0.000328	J	0.000174	0.00300	1	03/27/2021 08:15	WG1641110
(S) Toluene-d8	*107*			*80.0-120*		*03/27/2021 08:15*	WG1641110
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*		*03/27/2021 08:15*	WG1641110
(S) 1,2-Dichloroethane-d4	*99.6*			*70.0-130*		*03/27/2021 08:15*	WG1641110

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	0.542		0.000941	0.0100	10	03/31/2021 19:09	WG1643526
Toluene	U		0.00278	0.0100	10	03/31/2021 19:09	WG1643526
Ethylbenzene	0.112		0.00137	0.0100	10	03/31/2021 19:09	WG1643526
Total Xylenes	U		0.00174	0.0300	10	03/31/2021 19:09	WG1643526
(S) Toluene-d8	*114*			*80.0-120*		*03/31/2021 19:09*	WG1643526
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*03/31/2021 19:09*	WG1643526
(S) 1,2-Dichloroethane-d4	*122*			*70.0-130*		*03/31/2021 19:09*	WG1643526

Received by OCD: 1/19/2023 6:38:10 AM

TRIP BLANK
Collected date/time: 03/23/21 14:00
L1330836

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/26/2021 21:40	WG1641110
Toluene	U		0.000278	0.00100	1	03/26/2021 21:40	WG1641110
Ethylbenzene	U		0.000137	0.00100	1	03/26/2021 21:40	WG1641110
Total Xylenes	U		0.000174	0.00300	1	03/26/2021 21:40	WG1641110
(S) Toluene-d8	*109*			*80.0-120*		*03/26/2021 21:40*	WG1641110
(S) 4-Bromofluorobenzene	*95.6*			*77.0-126*		*03/26/2021 21:40*	WG1641110
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*03/26/2021 21:40*	WG1641110

Released to Imaging: 3/27/2023 10:59:00 AM

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	0.186		0.000471	0.00500	5	03/31/2021 19:33	WG1643526
Toluene	U		0.00139	0.00500	5	03/31/2021 19:33	WG1643526
Ethylbenzene	0.0390		0.000685	0.00500	5	03/31/2021 19:33	WG1643526
Total Xylenes	0.0527		0.000870	0.0150	5	03/31/2021 19:33	WG1643526
(S) Toluene-d8	*113*			*80.0-120*		*03/31/2021 19:33*	WG1643526
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*03/31/2021 19:33*	WG1643526
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*		*03/31/2021 19:33*	WG1643526

Received by OCD: 1/19/2023 6:38:10 AM

Method Blank (MB)

(MB) R3636701-2 03/26/21 21:20

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*106*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*99.6*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3636701-1 03/26/21 20:19

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00550	110	70.0-123	
Ethylbenzene	0.00500	0.00509	102	79.0-123	
Toluene	0.00500	0.00509	102	79.0-120	
Xylenes, Total	0.0150	0.0161	107	79.0-123	
(S) Toluene-d8			*103*	*80.0-120*	
(S) 4-Bromofluorobenzene			*96.5*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*101*	*70.0-130*	

Released to Imaging: 3/29/2023 10:59:00 AM

Method Blank (MB)

(MB) R3637031-2 03/31/21 16:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*113*			*80.0-120*
(S) 4-Bromofluorobenzene	*103*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*124*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3637031-1 03/31/21 15:31

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00453	90.6	70.0-123	
Ethylbenzene	0.00500	0.00479	95.8	79.0-123	
Toluene	0.00500	0.00453	90.6	79.0-120	
Xylenes, Total	0.0150	0.0140	93.3	79.0-123	
(S) Toluene-d8			*111*	*80.0-120*	
(S) 4-Bromofluorobenzene			*98.3*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*120*	*70.0-130*	

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.

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	LAO000356
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.

Received by OCD: 1/19/2023 6:38:10 AM

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;bhumphrey@tasman-**

Project Description: **Former Hobbs Booster Station**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **720-218-4003**

Client Project #

Lab Project # **DCPTASMAN-HOBBSBOOST**

Collected by (print): BECKY GRIFFIN

Site/Facility ID #

P.O. # **0000524225**

Collected by (signature): Becky Griffin

Immediately Packed on Ice N ___ Y ___

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

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

V8260BTEX 40ml Amb-HCl

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40ml Amb-HCl	Remarks	Sample # (lab only)
MW-1		GW							
MW-2		GW							
MW-3		GW							
MW-5		GW							
MW-6		GW							
MW-7		GW							
MW-9		GW							
MW-10		GW							
MW-12		GW							
MW-14		GW		3-23-21	1305	3	X		-01

Chain of Custody

Page ___ of ___

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12065 Lebanon Road Mt Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859
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 # 1330836
Table H240

Acctnum: **DCPTASMAN**
Template: **T155790**
Prelogin: **P833756**
PM: **824 - Chris Ward**
PB: **gf 3/10/21**
Shipped Via: **FedEX Ground**

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 9517 5767 3977

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
Becky Griffin	3-24-21	1400			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.3 +3.0 °C Bottles Received: 48	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 3/25/21 Time: 9am	Hold: / Condition: NCF / OK

Released to Imaging: 3/27/2023 10:59:00 AM

Received by OCD: 1/19/2023 6:38:10 AM

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;bhumphrey@tasman-

Project Description: **Former Hobbs Booster Station**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **720-218-4003**

Client Project #

Lab Project # **DCPTASMAN-HOBBSBOOST**

Collected by (print): BECKY GRIFFIN

Site/Facility ID #

P.O. # **0000524225**

Collected by (signature): Becky Griffin

Immediately Packed on Ice N ___ Y ___

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

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl										Remarks	Sample # (lab only)
MW-15		GW		3-23-21	1405	3	X											-02
MW-16		GW		3-23-21	1425	3	X											-03
MW-17		GW																
MW-18		GW																
MW-19		GW		3-23-21	1105	3	X											-04
MW-19D		GW		3-23-21	1045	3	X											-05
MW-20		GW		3-23-21	1025	3	X											-06
MW-21		GW		3-23-21	1220	3	X											-07
MW-22		GW																
MW-23		GW			1245	3	X											-08

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Road Mt Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859
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 # 330836

Table #

Acctnum: **DCPTASMAN**

Template: **T155790**

Prelogin: **P833756**

PM: **824 - Chris Ward**

PB: CT 3/10/21

Shipped Via: **FedEX Ground**

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 9517 5767 3977

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
Becky Griffin	3-24-21	1400			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.3-2.3 °C Bottles Received: 48	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Ale Enla	Date: 3/25/21 Time: 9am	Hold: Condition: NCF / OK

Released to Imaging: 3/27/2023 10:59:00 AM

Received by OCD: 1/19/2023 6:38:10 AM

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;bhumphrey@tasman-

Project Description: Former Hobbs Booster Station

City/State Collected:

Please Circle: PT MT CT ET

Phone: 720-218-4003

Client Project #

Lab Project # DCPTASMAN-HOBBSBOOST

Collected by (print): BECKY GRIFFIN

Collected by (signature): Becky Griffin

Immediately Packed on Ice N ___ Y ___

Site/Facility ID #

P.O. # 0000524225

Quote #

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

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Road Mt Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859
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 # 133086

Table #

Acctnum: DCPTASMAN

Template: T155790

Prelogin: P833756

PM: 824 - Chris Ward

PB: CG 3/10/21

Shipped Via: FedEx Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40ml Amb-HCl	Remarks	Sample # (lab only)
MW-24		GW		3-23-21	1345	3	X		-09
MW-25		GW		3-23-21	1325	3	X		-10
MW-27		GW		3-23-21	0925	3	X		-11
MW-28		GW		3-23-21	0900	3	X		-12
MW-29		GW		3-23-21	1000	3	X		-13
DUPLICATE A		GW		3-23-21		3	X		-14
DUPLICATE B		GW		3-23-21		3	X		-15
TRIP BLANK		GW		3-24-21	1400	1			-16
MW-26		GW		3-23-21	1450	3	X		-17

* 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 # 9517 5767 3977

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
Becky Griffin	3-24-21	1400		HCl	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 33-2=3.0 °C Bottles Received: 48	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Glen Glen	Date: 3/25/21 Time: 9am	Hold: Condition: NCF / OK

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Accepted for the record.
03/27/2023

NV

Second Quarter 2021 Groundwater Monitoring Summary Report

Hobbs Booster Station
Lea County, New Mexico
AP-114

Prepared for:

dcp Midstream

370 17th St., Suite 2500
Denver, CO 80202

Prepared by:

TASMAN GEOSCIENCES

6855 W. 119th Avenue
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September 21, 2021

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1. Introduction

This report summarizes the remediation system activities, results of groundwater monitoring activities at the Hobbs Booster Station (Site) in Lea County, New Mexico (Figure 1). Tasman Geosciences (Tasman) performed these activities on behalf of DCP Midstream, LP (DCP). The groundwater monitoring activities described herein were conducted to monitor the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons, measure groundwater levels, obtain groundwater samples for laboratory analysis, and evaluate groundwater flow and quality conditions. Field data and laboratory analytical results from field efforts, conducted on June 29 and 30, 2021, were used to develop a groundwater elevation contour map and an analytical results map to evaluate current conditions at the Site.

2. Site Location and Background

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

Historically, the Site had 29 groundwater monitoring wells which are illustrated in Figure 2. However, monitoring well TW-Q has not been able to be located since June 2014, and monitoring wells TW-N and TW-T have not been located since June and September 2016, respectively, and are presumed destroyed. TW-K, which was previously presumed destroyed, was located in the third quarter 2018. Twenty-five of the existing monitoring wells are located on the Site property while the other three wells (MW-23, MW-24, and MW-25) are located to the southeast of the property boundary on land currently owned by Occidental Permian.

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

3. Groundwater Monitoring

This section describes the field groundwater monitoring activities performed during the second quarter 2021 monitoring event on June 29 and 30, 2021. 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.

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3.1 Groundwater and LNAPL Elevation Monitoring

Groundwater and LNAPL levels were measured to evaluate hydraulic characteristics and provide information regarding fluctuations in groundwater and LNAPL elevations at the Site. During the second quarter 2021 monitoring event, groundwater and LNAPL levels, where present, were measured at 25 monitoring well locations. Groundwater and/or LNAPL levels were unable to be collected from monitoring wells TW-K, TW-Q, TW-T, and TW-N as these wells were unable to be located and/or are presumed destroyed. In addition, MW-12 was not gauged due to the presence of an active Spill Buster pump in the well. Monitoring wells MW-10 and MW-17 were gauged as the passive LNAPL bailers were removed for service.

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

Groundwater and LNAPL elevations collected during the reporting period as well as historical elevations are presented in Table 1. A second quarter 2021 groundwater elevation map, included as Figure 3, indicates that groundwater flow at the Site generally trends to the east. Groundwater elevation ranges, the average elevation change from the previous monitoring event, and the calculated hydraulic gradient at the Site are summarized in the table below.

Summary of Measured Hydraulic Parameters

	Second Quarter 2021 (6/29/2021)
Maximum Elevation (Well ID)	3,572.42’ (MW-2)
Minimum Elevation (Well ID)	3,562.48’ (MW-22)
Average Change from Previous Monitoring Event – All Wells	-0.28 feet
Hydraulic Gradient (ft/ft) / (Well IDs)	0.0057 (MW-2 to MW-22)

LNAPL was detected in eight (8) of the monitoring wells that were gauged during the second quarter 2021 with thicknesses ranging between 0.38 feet in TW-U, to 4.82 feet in MW-9. Groundwater was not detected in wells MW-7 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) was purged from each well prior to the collection of groundwater samples. Groundwater samples were collected using disposable polyethylene bailers, placed in clean laboratory supplied containers, packed in an ice-filled cooler and maintained at approximately four (4) degrees Celsius (°C) for transportation to the laboratory. Groundwater samples were shipped under chain-of-custody procedures to Pace Analytical

laboratory (Pace) in Mount Juliet, Tennessee for analysis. Water quality samples were submitted to Pace for benzene, toluene, ethylbenzene, and total xylenes (BTEX) analyses by United States Environmental Protection Agency (USEPA) Method 8260B.

Second quarter 2021 water quality samples were collected from 15 monitoring wells on June 29 and 30, 2021.

Table 2 summarizes BTEX concentrations in groundwater samples collected during the second quarter 2021. Analytical results are also displayed in Figure 4. Historical analytical results, up to and including the second quarter 2021 event, are included in Appendix A and the laboratory analytical report is included in Appendix B.

Analytical results indicate that BTEX concentrations were below the New Mexico Water Quality Control Commission (NMWQCC) standard in 11 of the 15 sampled wells. Benzene concentrations in MW-19D (0.514 mg/L and 0.609 mg/L Duplicate); MW-23 (0.0490 mg/L); MW-26 (0.225 mg/L) and MW-29 (0.0735 mg/L) were above the NMWQCC groundwater standard of 0.005 mg/L.

3.3 Data Quality Assurance/ Quality Control

A trip blank and two field duplicate samples (MW-14 and MW-19D) were collected during the sampling event. The data was 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 was reported using the correct method number and reporting units. QA/QC items of note for the Second Quarter 2021 include the following:

- Target analytes were not detected in the trip blank, and;
- MW-14 and the associated duplicate were below NMWQCC groundwater standard of 0.005 mg/L; (0.00109 mg/L and 0.000929 mg/L Duplicate). The calculated relative percent difference (RPD) is 16%, which is within the target range of 20%.
- MW-19D and the associated duplicate sample exhibited benzene concentrations of 0.514 mg/L and 0.609 mg/L, respectively. The calculated relative percent difference (RPD) is 17%, which is within the target range of 20%.

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

4. Remediation System Performance

This section includes a description of the active remediation system at the Site along with observations and modifications to the system components during the second quarter 2021. An evaluation of system performance is also provided based on collected information.

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4.1 Remediation System Layout

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

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

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

4.2 Vacuum-Enhanced Extraction Observations

As discussed within the second quarter 2014 monitoring report, soil vapor extraction (SVE) was discontinued at the Site and was not re-initiated during the second quarter 2021.

4.3 LNAPL Recovery System Performance Evaluation

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

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

- A total volume of 117 gallons of LNAPL were recovered from the extraction wells during 2021 between February and September. Measurements were not collected during the second quarter 2021, so the most recent available (September 2021) data are used to calculate LNAPL recover volumes. Measurements will be collected during the next monitoring event.
- After Spill Buster installation, approximately 32,277 gallons (as of September 2021) of LNAPL have been removed since May 2013 exhibiting extraction rates above those achieved with previous recovery efforts. 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 2,140 gallons of LNAPL.

Passive bailers were installed on March 14, 2019 in wells MW-10 and MW-17 and approximately 3 gallons of LNAPL have been removed since early 2019 and measurements are planned to be collected during the quarterly 2021 monitoring events.

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4.4 Air Sparge Performance Evaluation

The AS system has continued to operate on a 24-hour per day basis with minor down time due to routine scheduled equipment maintenance. The primary evaluation criteria for AS performance is tied to the dissolved phase hydrocarbon concentrations present in groundwater downgradient of the AS well alignment. Monitoring wells MW-14, MW-15, MW-23, MW-24, and MW-25, located downgradient from the sparge curtain, provide ideal monitoring locations for observing the effects of the AS system on impacted groundwater as it passes through the treatment zone. On the east end of the AS system, monitoring well MW-14 (0.00109 mg/L; duplicate sample 0.000929 mg/L) no longer exhibits dissolved benzene concentrations above the NMWQCC standard during the second quarter 2021 monitoring event. MW-23 continues to exhibit fluctuating historic levels of benzene concentrations above the NMWQCC standard during the second quarter 2021 monitoring event (0.0490 mg/L). Monitoring wells MW-24 and MW-25 which are located cross-gradient to MW-14 and MW-23, continue to have non-detect concentrations of benzene or other dissolved petroleum hydrocarbons. 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.

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). During the second quarter 2021, MW-22 was sampled, and benzene concentrations were reported below the NMWQCC standard for the fifth consecutive quarterly monitoring event in which sampling occurred. However, sampling events in December 15, 2020 and March 25, 2021 provided insufficient sample volumes and were not sampled for those periods. AS application has demonstrated a general decrease in benzene concentrations at MW-22, however fluctuations to above the NMWQCC standard are now rarely observed and are likely also influenced by fluctuating seasonal groundwater levels.

5. Conclusions

This section of the report presents conclusions from the findings of second quarter 2021 groundwater monitoring and remediation system O&M activities.

- LNAPL system recovery has continued at steady rates following installation of the Spill Buster units and incidental groundwater recovery has been eliminated.
- The AS portion of the System appears to continue to prevent the migration of LNAPL and dissolved-phase impacts across the treatment zone.
- At MW-19D, 23, 26 and 29, the benzene concentration was reported above the NMWQCC groundwater standards during the second quarter 2021. However, data from adjacent monitoring wells suggest the dissolved-phase petroleum hydrocarbon plume is relatively stable in this area of the Site.

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- Monitoring points along the eastern Site boundary, MW-19, MW-20, MW-21, MW-22, MW-27 and MW-28 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. If an increasing trend in BTEX concentrations is observed, additional remedial strategies to mitigate migration of contaminants may be recommended.
- Continue operation, monitoring, and maintenance of the Spill Buster LNAPL extraction system.
- Regularly inspect and replace passive LNAPL bailers in MW-10 and MW-17 to increase recovery of LNAPL.
- Temporarily discontinue AS activities at monitoring well MW-22 approximately two weeks prior to the third and fourth quarter 2021 groundwater monitoring events, AS operation will be temporarily discontinued to allow the formation to equilibrate prior to sampling. Subsequent to groundwater sampling activities, AS remediation will be continued at that location.
- Due to the consistent water levels and benzene concentrations observed at MW-29, extending the AS system to this well is being evaluated and anticipated to be implemented by early 2022.

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Tables

TABLE 1
SECOND QUARTER 2021
SUMMARY OF GROUNDWATER ELEVATION DATA
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event(1) (feet)
MW-1	09/22/2020	58.37	55.20	3.17	NM	3626.06	3570.07	-0.26
MW-1	12/15/2020	55.45			NM	3626.06	3570.61	0.54
MW-1	03/23/2021	NM			NM	3626.06	NM	NM
MW-1	06/29/2021	58.85	55.95	2.90	NM	3626.06	3569.39	NM
MW-2	09/22/2020	52.35	50.15	2.20	NM	3623.14	3572.44	-0.25
MW-2	12/15/2020	52.50	50.45	2.05	NM	3623.14	3572.18	-0.26
MW-2	03/23/2021	52.77	50.70	2.07	NM	3623.14	3571.92	-0.26
MW-2	06/29/2021	53.05	49.95	3.10	NM	3623.14	3572.42	0.49
MW-3	09/22/2020	50.95			NM	3623.01	3572.06	-0.28
MW-3	12/15/2020	51.20			NM	3623.01	3571.81	-0.25
MW-3	03/23/2021	51.49			NM	3623.01	3571.52	-0.29
MW-3	06/29/2021	51.75			56.89	3623.01	3571.26	-0.26
MW-5	09/22/2020	58.17			NM	3629.16	3570.99	-0.28
MW-5	12/15/2020	58.45			NM	3629.16	3570.71	-0.28
MW-5	03/23/2021	58.61			NM	3629.16	3570.55	-0.16
MW-5	06/29/2021	58.95			60.35	3629.16	3570.21	-0.34
MW-6	09/22/2020	53.92			NM	3626.93	3573.01	-0.24
MW-6	12/15/2020	54.20			NM	3626.93	3572.73	-0.28
MW-6	03/23/2021	54.37			NM	3626.93	3572.56	-0.17
MW-6	06/29/2021	NM			56.75	3626.93	NM	NM
MW-7	09/22/2010	DRY			44.94	3621.40	DRY	NA
MW-7	12/15/2020	DRY			44.94	3621.40	DRY	NA
MW-7	03/23/2021	DRY			44.94	3621.40	DRY	NA
MW-7	06/29/2021	DRY			42.25	3621.40	DRY	NA
MW-9	09/22/2020	61.87	59.85	2.02	NM	3625.21	3564.86	-2.44
MW-9	12/15/2020	60.50	57.16	3.34	NM	3625.21	3567.22	2.36
MW-9	03/23/2021	62.18	57.42	4.76	NM	3625.21	3566.60	-0.61
MW-9	06/29/2021	62.57	57.75	4.82	NM	3625.21	3566.26	-0.35
MW-10	09/22/2020	NM	NM		NM	3621.07	NA	NA
MW-10	12/15/2020	NM	NM		NM	3621.07	NA	NA
MW-10	03/23/2021	54.64	51.97	2.67	NM	3621.07	3568.43	NM
MW-10	06/29/2021	55.60	52.54	3.06	NM	3621.07	3567.77	-0.67
MW-12**	09/22/2020	NM	NM		NM	3626.60	NA	NA
MW-12**	12/15/2020	NM	NM		NM	3626.60	NA	NA
MW-12**	03/23/2021	NM	NM		NM	3626.60	NA	NA
MW-12**	06/29/2021	NM	NM		NM	3626.60	NA	NA

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MW-14	09/22/2020	54.32			NM	3621.42	3567.10	-0.22
MW-14	12/15/2020	54.66			NM	3621.42	3566.76	-0.34
MW-14	03/23/2021	54.87			NM	3621.42	3566.55	-0.21
MW-14	06/29/2021	55.21			63.40	3621.42	3566.21	-0.34
MW-15	09/22/2020	50.09			NM	3619.39	3569.30	-0.29
MW-15	12/15/2020	50.34			NM	3619.39	3569.05	-0.25
MW-15	03/23/2021	50.59			NM	3619.39	3568.80	-0.25
MW-15	06/29/2021	50.95			59.00	3619.39	3568.44	-0.36
MW-16	09/22/2020	50.02			NM	3621.87	3571.85	-0.29
MW-16	12/15/2020	50.29			NM	3621.87	3571.58	-0.27
MW-16	03/23/2021	50.55			NM	3621.87	3571.32	-0.26
MW-16	06/29/2021	50.90			56.40	3621.87	3570.97	-0.35
MW-17	09/22/2020	NM	NM		NM	3623.94	NA	NA
MW-17	12/15/2020	NM	NM		NM	3623.94	NA	NA
MW-17	03/23/2021	59.50	59.21	0.29	NM	3623.94	3564.66	NM
MW-17	06/29/2021	59.95	59.56	0.39	57.52	3623.94	3564.28	-0.38
MW-18	09/22/2020	59.78			NM	3624.30	3564.52	-0.24
MW-18	12/15/2020	60.10			NM	3624.30	3564.20	-0.32
MW-18	03/23/2021	60.27			NM	3624.30	3564.03	-0.17
MW-18	06/29/2021	60.57			67.32	3624.30	3563.73	-0.30
MW-19	09/22/2020	60.26			NM	3624.12	3563.86	-0.23
MW-19	12/15/2020	60.55			NM	3624.12	3563.57	-0.29
MW-19	03/23/2021	60.77			NM	3624.12	3563.35	-0.22
MW-19	06/29/2021	61.05			66.40	3624.12	3563.07	-0.28
MW-19D	09/22/2020	60.25			NM	3623.79	3563.54	-0.26
MW-19D	12/15/2020	60.47			NM	3623.79	3563.32	-0.22
MW-19D	03/23/2021	60.73			NM	3623.79	3563.06	-0.26
MW-19D	06/29/2021	61.03			78.45	3623.79	3562.76	-0.30
MW-20	09/22/2020	57.89			NM	3621.49	3563.60	-0.29
MW-20	12/15/2020	58.17			NM	3621.49	3563.32	-0.28
MW-20	03/23/2021	58.37			NM	3621.49	3563.12	-0.20
MW-20	06/29/2021	58.68			60.89	3621.49	3562.81	-0.31
MW-21	09/22/2020	59.71			NM	3624.25	3564.54	-0.26
MW-21	12/15/2020	59.95			NM	3624.25	3564.30	-0.24
MW-21	03/23/2021	60.17			NM	3624.25	3564.08	-0.22
MW-21	06/29/2021	60.50			62.65	3624.25	3563.75	-0.33

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MW-22	09/22/2020	DRY			NM	3625.16	DRY	NM
MW-22	12/15/2020	62.20			NM	3625.16	3562.96	NM
MW-22	03/23/2021	62.38			NM	3625.16	3562.78	NM
MW-22	06/30/2021	62.68			62.82	3625.16	3562.48	-0.30
MW-23	09/22/2020	53.94			NM	3621.16	3567.22	-0.26
MW-23	12/15/2020	54.18			NM	3621.16	3566.98	-0.24
MW-23	03/23/2021	54.45			NM	3621.16	3566.71	-0.27
MW-23	06/29/2021	54.77			57.31	3621.16	3566.39	-0.32
MW-24	09/22/2020	52.10			NM	3619.27	3567.17	-0.30
MW-24	12/15/2020	52.37			NM	3619.27	3566.90	-0.27
MW-24	03/23/2021	52.61			NM	3619.27	3566.66	-0.24
MW-24	06/29/2021	52.97			56.70	3619.27	3566.30	-0.36
MW-25	09/22/2020	53.09			NM	3619.73	3566.64	-0.30
MW-25	12/15/2020	53.34			NM	3619.73	3566.39	-0.25
MW-25	03/23/2021	53.58			NM	3619.73	3566.15	-0.24
MW-25	06/29/2021	53.92			56.75	3619.73	3565.81	-0.34
MW-26	09/22/2020	61.06			76.10	3625.59	3564.53	-0.27
MW-26	12/15/2020	61.20			76.10	3625.59	3564.39	-0.14
MW-26	03/23/2021	61.38			76.10	3625.59	3564.21	-0.18
MW-26	06/29/2021	61.75			76.10	3625.59	3563.84	-0.37
MW-27	09/22/2020	62.23			71.90	3626.44	3564.21	-0.23
MW-27	12/15/2020	62.45			71.90	3626.44	3563.99	-0.22
MW-27	03/23/2021	62.60			71.90	3626.44	3563.84	-0.15
MW-27	06/29/2021	62.85			71.90	3626.44	3563.59	-0.25
MW-28	09/22/2020	62.13			74.82	3625.41	3563.28	-0.23
MW-28	12/15/2020	62.37			74.82	3625.41	3563.04	-0.24
MW-28	03/23/2021	62.55			74.82	3625.41	3562.86	-0.18
MW-28	06/29/2021	62.80			74.82	3625.41	3562.61	-0.25
MW-29	09/22/2020	61.27			76.59	3624.59	3563.32	-0.23
MW-29	12/15/2020	61.55			76.59	3624.59	3563.04	-0.28
MW-29	03/23/2021	61.75			76.59	3624.59	3562.84	-0.20
MW-29	06/29/2021	61.98			76.59	3624.59	3562.61	-0.23
TW-H	09/22/2020	53.13	51.20	1.93	NM	3622.30	3570.62	-0.26
TW-H	12/15/2020	53.30	51.20	2.10	NM	3622.30	3570.58	-0.04
TW-H	03/23/2021	53.28	51.53	1.75	NM	3622.30	3570.33	-0.24
TW-H	06/29/2021	53.62	51.86	1.76	NM	3622.30	3570.00	-0.33

TABLE 1
SECOND QUARTER 2021
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)
TW-K***	09/22/2020	NM	NM		62.15	3628.95	NA	NA
TW-K***	12/15/2020	NM	NM		62.15	3628.95	NA	NA
TW-K***	03/23/2021	NM	NM		62.15	3628.95	NA	NA
TW-K***	06/29/2021	NM	NM		62.15	3628.95	NA	NA
TW-N	03/24/2016	59.18	56.55	2.63	59.24	3631.98	3574.77	NA
TW-N	09/10/2018	Well not located - presumed destroyed						
TW-Q	06/03/2014	NM	NM	NM	NM	NM	NA	NA
TW-Q	09/24/2014	Well not located - presumed destroyed						
TW-T	03/24/2016	61.55	60.10	1.45	61.60	NM	NA	NA
TW-T	09/28/2016	Well not located - presumed destroyed						
TW-T-R	09/22/2020	61.00	60.70	0.30	76.53	3625.90	3565.13	-0.24
TW-T-R	12/15/2020	NM	NM		76.53	3625.90	NA	NA
TW-T-R	03/23/2021	NM	NM		76.53	3625.90	NA	NA
TW-T-R	06/29/2021	NM	NM		76.53	3625.90	NA	NA
TW-U***	09/22/2020	NM	62.95	1.03	63.98	3628.67	NA	NA
TW-U	12/15/2020	63.20			63.98	3628.67	3565.47	NA
TW-U	03/23/2021	63.43			63.98	3628.67	3565.24	0.23
TW-U	06/29/2021	64.10	63.72	0.38	63.98	3628.67	3564.86	0.39
TW-V	09/22/2020	62.98			NM	3628.54	3565.56	0.00
TW-V	12/15/2020	DRY			NM	3628.54	DRY	NA
TW-V	03/23/2021	DRY			NM	3628.54	DRY	NA
TW-V	06/29/2021	DRY			NM	3628.54	DRY	NA
TW-W	09/22/2020	61.91	60.40	1.51	NM	3626.88	3566.10	-0.25
TW-W	12/15/2020	60.65			NM	3626.88	3566.23	0.13
TW-W	03/23/2021	60.72			NM	3626.88	3566.16	-0.07
TW-W	06/29/2021	61.89	61.15	0.74	NM	3626.88	3565.55	-0.62
							Average change in groundwater elevation (3/23/2020 to 06/29/2021)	-0.28

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
* Groundwater elevation was corrected for product thickness using the following calculation, when applicable:
** Monitoring well MW-12 has an active Spill Buster automatic LNAPL recovery pump installed. As such, the calculated groundwater elevations may not be representative of actual groundwater elevations within the well.
***No groundwater was present in well, Free Phase Hydrocarbon Thickness was measured in feet from Depth to Product (DTP) to TD.

TABLE 2
SECOND QUARTER 2021
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	
MW-1	06/28/2021	Sampled Annualy - Historical LNAPL Present				
MW-2	06/28/2021	Sampled Annualy - Historical LNAPL Present				
MW-3	06/28/2021	NS	NS	NS	NS	
MW-5	06/28/2021	NS	NS	NS	NS	
MW-6	06/29/2021	NS	NS	NS	NS	
MW-7	06/29/2021	DRY				
MW-9	06/29/2021	Sampled Annualy - Historical LNAPL Present				
MW-10	06/29/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-12	06/29/2021	NS	NS	NS	NS	Spill Buster in Well
MW-14	06/30/2021	0.00109	<0.00100	<0.00100	<0.00300	
MW-14 (Duplicate)	06/30/2021	0.000929 J	<0.00100	<0.00100	0.000328 J	Duplicate A sample collected
MW-15	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-17	06/29/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-18	06/29/2021	NS	NS	NS	NS	
MW-19	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
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-20	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	06/30/2021	0.000515 J	<0.00100	0.00180	0.00164 J	
MW-23	06/29/2021	**0.0490**	0.000303 J	0.0248	0.00631	
MW-24	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-26	06/29/2021	**0.225**	<0.00500	0.0367	0.0458	
MW-27	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-28	06/29/2021	0.00409	<0.00100	0.00186	0.000344 J	
MW-29	06/29/2021	**0.0735**	0.000278 J	0.00176	0.00250 J	
Trip Blank	06/30/2021	0.00203	<0.0010	<0.0010	<0.0030	

Notes:

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

NMWQCC = New Mexico Water Quality Control Commission

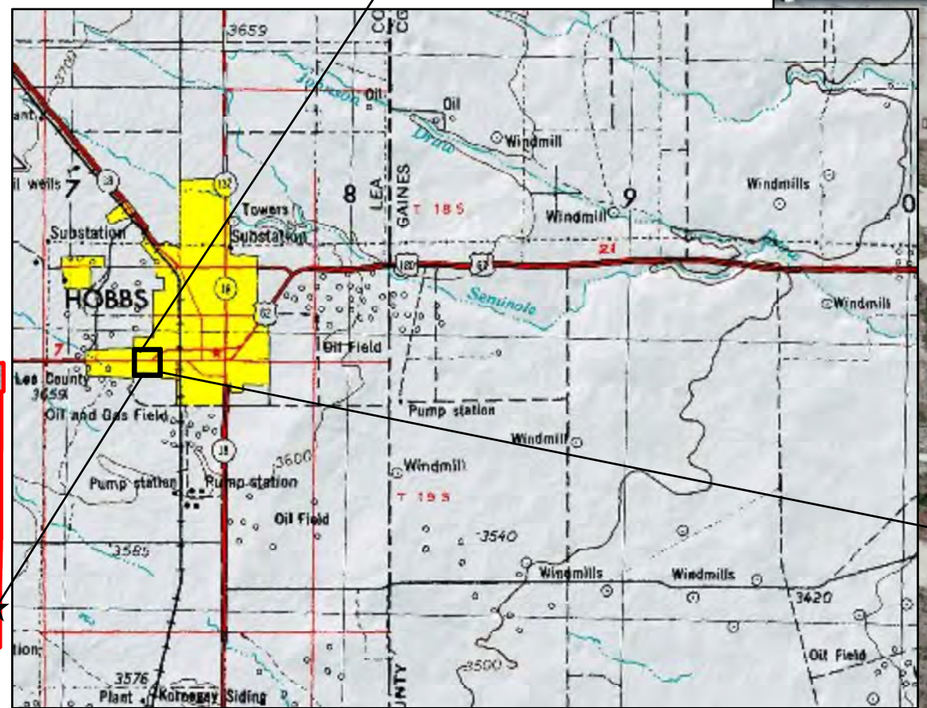
LNAPL = Light Non-Aqueous Phase Liquid

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).

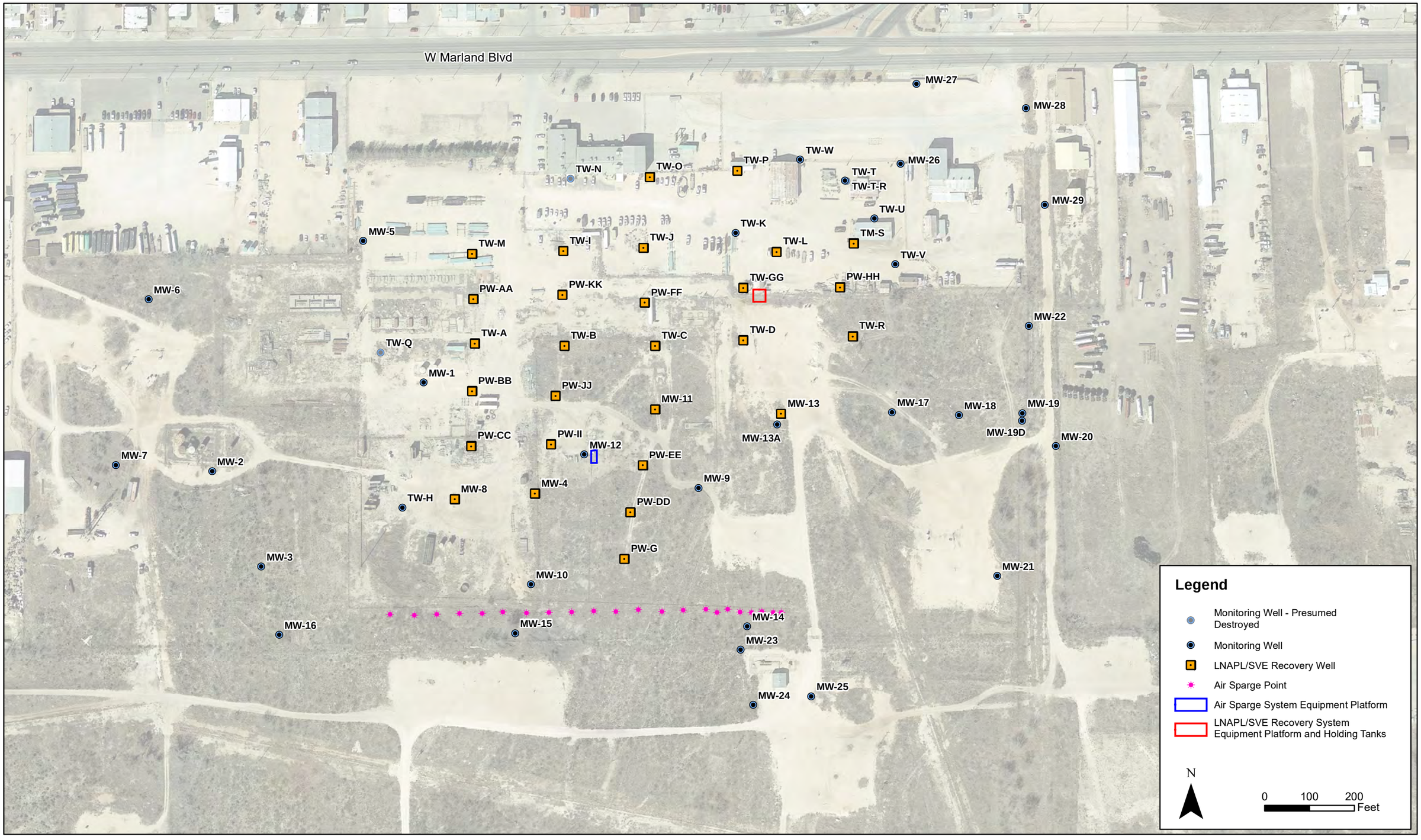
mg/L = milligrams per liter

Figures

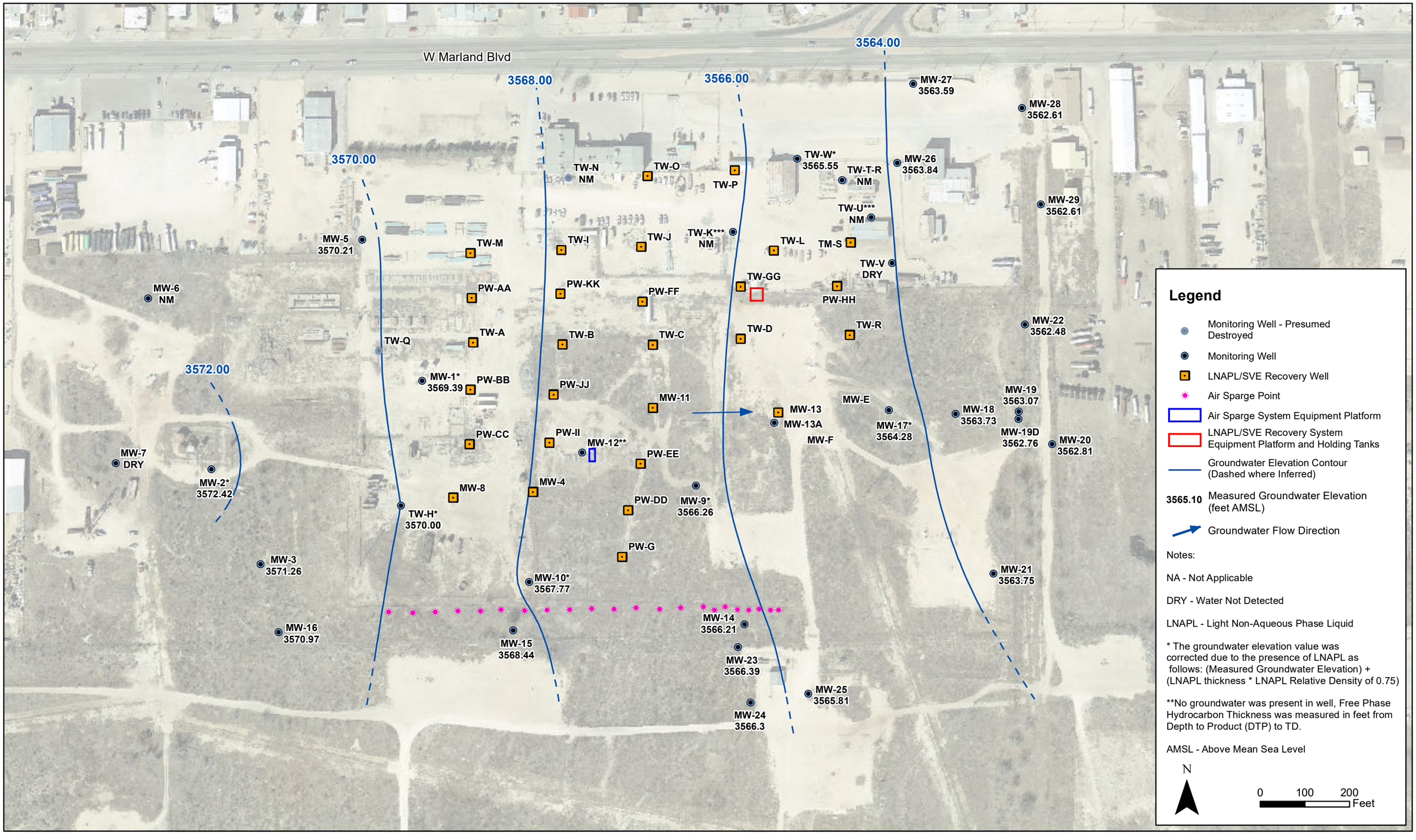
N



DATE: April 2015 DESIGNED BY: T. Johansen DRAWN BY: D. Arnold	TASMAN GEOSCIENCES Tasman Geosciences, Inc. 6899 Pecos Street - Unit C Denver, CO 80221	**DCP Midstream** **Hobbs Booster Station** Units C and D, Section 4, Township 19 South, Range 38 East Lea County, New Mexico	Site Location Map	Figure 1



DATE: December 2019 DESIGNED BY: B.Humphrey DRAWN BY: J. Clonts	TASMAN GEOSCIENCES Tasman Geosciences, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Midstream** **Hobbs Booster Station** Second Quarter 2021 Groundwater Monitoring Summary Report	Site Map with Monitoring Well Locations	Figure 2



Legend

- Monitoring Well - Presumed Destroyed
- Monitoring Well
- LNAPL/SVE Recovery Well
- Air Sparge Point
- Air Sparge System Equipment Platform
- LNAPL/SVE Recovery System Equipment Platform and Holding Tanks
- Groundwater Elevation Contour (Dashed where Inferred)
- 3565.10 Measured Groundwater Elevation (feet AMSL)
- Groundwater Flow Direction

Notes:

NA - Not Applicable

DRY - Water Not Detected

LNAPL - Light Non-Aqueous Phase Liquid

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

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

AMSL - Above Mean Sea Level

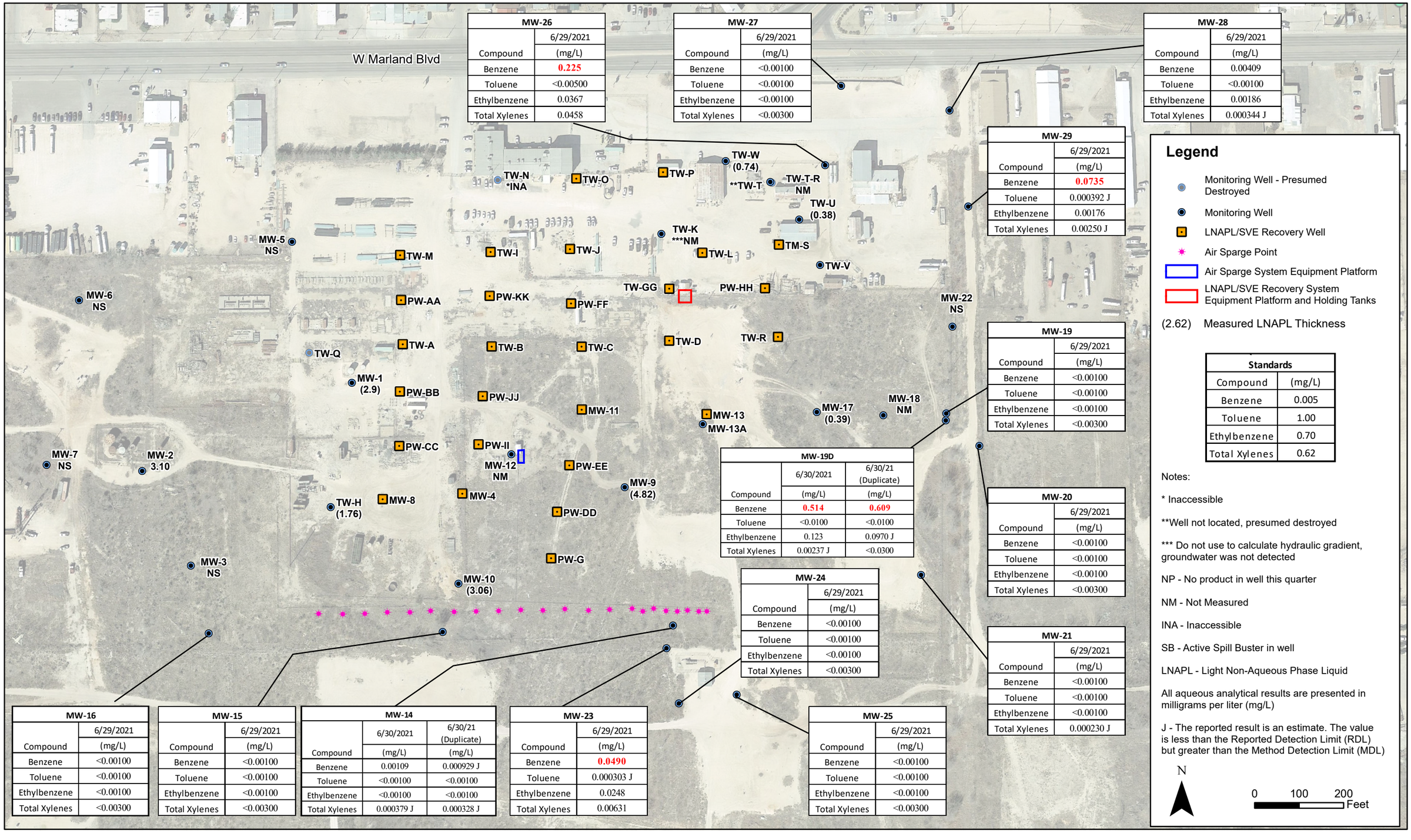
N

0 100 200 Feet

DATE: September 2021 DESIGNED BY: B.Humphrey DRAWN BY: C. Ambler	TASMAN GEOSCIENCES Tasman Geosciences, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Midstream** **Hobbs Booster Station** Second Quarter 2021 Groundwater Monitoring Summary Report	Groundwater Elevation Contour Map (June 29, 2021)	Figure 3

Released to Imaging: 3/27/2023 10:59:00 AM

Received by OCD: 1/19/2023 6:38:10 AM



MW-26	
	6/29/2021
Compound	(mg/L)
Benzene	0.225
Toluene	<0.00500
Ethylbenzene	0.0367
Total Xylenes	0.0458

MW-27	
	6/29/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-28	
	6/29/2021
Compound	(mg/L)
Benzene	0.00409
Toluene	<0.00100
Ethylbenzene	0.00186
Total Xylenes	0.000344 J

MW-29	
	6/29/2021
Compound	(mg/L)
Benzene	0.0735
Toluene	0.000392 J
Ethylbenzene	0.00176
Total Xylenes	0.00250 J

MW-19	
	6/29/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-19D		
	6/30/2021	6/30/21 (Duplicate)
Compound	(mg/L)	(mg/L)
Benzene	0.514	0.609
Toluene	<0.0100	<0.0100
Ethylbenzene	0.123	0.0970 J
Total Xylenes	0.00237 J	<0.0300

MW-20	
	6/29/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-24	
	6/29/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-21	
	6/29/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	0.000230 J

MW-16	
	6/29/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-15	
	6/29/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-14		
	6/30/2021	6/30/21 (Duplicate)
Compound	(mg/L)	(mg/L)
Benzene	0.00109	0.000929 J
Toluene	<0.00100	<0.00100
Ethylbenzene	<0.00100	<0.00100
Total Xylenes	0.000379 J	0.000328 J

MW-23	
	6/29/2021
Compound	(mg/L)
Benzene	0.0490
Toluene	0.000303 J
Ethylbenzene	0.0248
Total Xylenes	0.00631

MW-25	
	6/29/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

Legend

- Monitoring Well - Presumed Destroyed
- 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

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

Notes:

* Inaccessible

**Well not located, presumed destroyed

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

NP - No product in well this quarter

NM - Not Measured

INA - Inaccessible

SB - Active Spill Buster in well

LNAPL - Light Non-Aqueous Phase Liquid

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

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

N

0 100 200 Feet

DATE: September 2021

DESIGNED BY: B.Humphrey

DRAWN BY: C. Ambler

TASMAN GEOSCIENCES

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

DCP Midstream
Hobbs Booster Station
Second Quarter 2021 Groundwater Monitoring Summary Report

Analytical Results Map
(June 29, 2021)

Figure
4

Appendix A

Historical Analytical Results

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-1	09/15/2005	**0.017**	<0.002	0.047	0.066	
MW-1	09/24/2014	LNAPL				Annual Event
MW-1	09/01/2015	LNAPL				Annual Event
MW-1	09/28/2016	LNAPL				Annual Event
MW-1	09/26/2017	LNAPL				Annual Event
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 Annualy - Historical LNAPL Present				
MW-1	03/23/2021	Sampled Annualy - Historical LNAPL Present				
MW-1	06/29/2021	Sampled Annualy - Historical LNAPL Present				
MW-2	09/24/2014	LNAPL				Annual Event
MW-2	09/01/2015	LNAPL				Annual Event
MW-2	09/29/2016	LNAPL				Annual Event
MW-2	09/26/2017	LNAPL				Annual Event
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 Annualy - Historical LNAPL Present				
MW-2	03/23/2021	Sampled Annualy - Historical LNAPL Present				
MW-2	06/29/2021	Sampled Annualy - Historical LNAPL Present				
MW-3	09/14/2005	0.0025	<0.002	0.24	0.17	
MW-3	06/21/2006	0.0018	<0.002	0.14	0.089	
MW-3	06/27/2007	0.0012	<0.002	0.207	0.0977	
MW-3	09/21/2009	<0.002	<0.002	0.0123	0.0031	
MW-3	09/14/2010	<0.001	<0.002	0.0134	-	
MW-3	03/29/2011	NS	NS	NS	NS	
MW-3	09/16/2011	<0.001	<0.002	0.0246	0.0135	
MW-3	12/06/2011	NS	NS	NS	NS	
MW-3	03/09/2012	<0.001	<0.002	0.0019	<0.004	
MW-3	06/06/2012	NS	NS	NS	NS	
MW-3	09/06/2012	<0.001	<0.002	0.0022	0.0023	
MW-3	12/05/2012	NS	NS	NS	NS	
MW-3	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-3	06/03/2013	NS	NS	NS	NS	
MW-3	09/10/2013	<0.001	<0.002	0.0023	<0.003	
MW-3	12/02/2013	NS	NS	NS	NS	
MW-3	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-3	09/01/2015	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-3	09/29/2016	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-3	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-3	12/15/2020	NS	NS	NS	NS	
MW-3	03/23/2021	NS	NS	NS	NS	
MW-3	06/29/2021	NS	NS	NS	NS	
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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-5	06/06/2012	NS	NS	NS	NS	
MW-5	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-5	12/05/2012	NS	NS	NS	NS	
MW-5	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-5	06/03/2013	NS	NS	NS	NS	
MW-5	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-5	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-5	09/01/2015	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
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-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	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-6	09/01/2015	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-6	09/29/2016	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-6	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
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-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	09/06/2012	DRY				Annual Event
MW-7	09/10/2013	DRY				Annual Event
MW-7	09/22/2014	DRY				Annual Event
MW-7	09/01/2015	DRY				Annual Event
MW-7	09/28/2016	DRY				Annual Event
MW-7	09/26/2017	DRY				Annual Event
MW-7	09/11/2018	DRY				Annual Event
MW-7	09/24/2019	DRY				Annual Event

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
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-9	09/24/2014	LNAPL				Annual Event
MW-9	09/01/2015	LNAPL				Annual Event
MW-9	09/28/2016	LNAPL				Annual Event
MW-9	09/26/2017	LNAPL				Annual Event
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 Annualy - Historical LNAPL Present				
MW-9	03/23/2021	Sampled Annualy - Historical LNAPL Present				
MW-9	06/29/2021	Sampled Annualy - Historical LNAPL Present				
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	09/24/2014	LNAPL				Annual Event
MW-10	09/01/2015	LNAPL				Annual Event
MW-10	09/28/2016	LNAPL				Annual Event
MW-10	09/26/2017	LNAPL				Annual Event
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-12	09/22/2014	LNAPL				Annual Event
MW-12	09/01/2015	LNAPL				Annual Event
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-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	

APPENDIX A
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BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-14	03/29/2007	**0.881**	0.0115	0.0368	0.0809	
MW-14	06/27/2007	**1.11**	0.01	0.0421	0.104	
MW-14	09/06/2007	**0.603**	0.00088	0.0194	0.0243	
MW-14	11/28/2007	**0.431**	<0.0027	0.0155	0.0075	
MW-14	03/06/2008	**0.627**	0.0445	0.0372	0.0228	
MW-14	12/02/2008	**0.38**	<0.002	0.0172	<0.0014	
MW-14	03/09/2009	**0.341**	<0.002	0.017	<0.0014	
MW-14	05/26/2009	**0.285**	<0.01	0.0104	<0.0068	
MW-14	09/21/2009	**0.205**	<0.002	0.008	<0.0017	
MW-14	12/20/2009	**0.165**	<0.002	0.0037	<0.0017	
MW-14	03/09/2010	<0.40	<0.002	<1.0	-	
MW-14	06/14/2010	**0.081**	<0.002	0.0017	-	
MW-14	09/14/2010	**0.11**	<0.002	0.0024	-	
MW-14	12/07/2010	**0.118**	<0.002	0.002	-	
MW-14	03/29/2011	**0.0901**	0.0041	<0.002	<0.002	
MW-14	06/21/2011	**0.187**	<0.0010	0.0043	<0.0020	
MW-14	09/15/2011	**0.15**	<0.002	0.0024	<0.004	
MW-14	12/06/2011	**0.0787**	<0.002	0.0017	<0.004	Duplicate sample collected
MW-14	03/09/2012	**0.0523**	<0.002	0.00066	<0.004	
MW-14	06/06/2012	**0.0335**	<0.002	0.00064	<0.003	
MW-14	09/06/2012	**0.105**	<0.002	0.0012	<0.003	
MW-14	12/05/2012	**0.129**	<0.002	0.00081	<0.003	
MW-14	02/19/2013	**0.0603**	<0.002	0.00084	<0.003	
MW-14	06/03/2013	**0.0461**	<0.002	0.0012	<0.003	Duplicate sample collected
MW-14	09/10/2013	**0.0959**	<0.002	0.0016	<0.003	Duplicate A sample collected
MW-14	12/02/2013	**0.0636**	<0.002	0.0011	<0.003	Duplicate A sample collected
MW-14	02/27/2014	**0.105**	<0.002	0.0012 J	0.0021 J	Duplicate sample collected
MW-14 - Duplicate	02/27/2014	**0.117**	<0.002	0.0012 J	0.0022 J	
MW-14	06/03/2014	**0.0265**	<0.002	0.00084 J	<0.003	Duplicate sample collected
MW-14 - Duplicate	06/03/2014	**0.0209**	<0.002	0.00058 J	<0.003	
MW-14	09/23/2014	**0.1**	<0.001	0.00066 J	0.0026	Duplicate A Sample Collected
MW-14 (Duplicate)	09/23/2014	**0.0673**	<0.001	0.00064 J	0.0017	
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

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-14 (Duplicate)	03/13/2018	**0.0396**	<0.0010	<0.0010	<0.0030	
MW-14	06/27/2018	**0.0506**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	06/27/2018	**0.0356**	<0.0010	<0.0010	<0.0030	
MW-14	09/11/2018	**0.0543**	<0.0010	0.000764 J	0.00204 J	Duplicate sample collected
MW-14 (Duplicate)	09/11/2018	**0.0593**	<0.0010	0.000654 J	0.00182 J	
MW-14	12/27/2018	**0.115**	<0.0010	0.00142	0.00730	Duplicate sample collected
MW-14 (Duplicate)	12/27/2018	**0.120**	<0.0010	0.00150	0.00785	
MW-14	03/15/2019	**0.148**	<0.0010	0.00039 J	0.00174 J	Duplicate sample collected
MW-14 (Duplicate)	03/15/2019	**0.119**	<0.0010	<0.0010	0.00159 J	
MW-14	06/06/2019	**0.142**	0.000465 J	<0.0010	0.00197 J	Duplicate sample collected
MW-14 (Duplicate)	06/06/2019	**0.138**	<0.0010	<0.0010	0.00158 J	
MW-14	09/25/2019	**0.173**	<0.0010	<0.0010	<0.0030	Duplicate A sample collected
MW-14 (Duplicate)	09/25/2019	**0.170**	<0.0010	0.000401 J	<0.0030	
MW-14	12/16/2019	**0.0851**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	12/16/2019	**0.170**	<0.0010	0.000401 J	<0.0030	
MW-14	06/16/2020	**0.0398**	<0.0010	<0.0010	0.000367 J	Duplicate sample collected
MW-14 (Duplicate)	06/16/2020	**0.0395**	<0.0010	<0.0010	0.000351 J	
MW-14	09/23/2020	**0.00803**	<0.00100	<0.00100	0.000205 J	Duplicate A sample collected
MW-14 (Duplicate)	09/23/2020	**0.0075**	<0.00100	<0.00100	<0.00300	
MW-14	12/15/2020	**0.0120**	<0.00100	<0.00100	0.000458 J	Duplicate A sample collected
MW-14 (Duplicate)	12/15/2020	**0.0128**	<0.00100	<0.00100	0.000470 J	
MW-14	03/23/2021	**0.0111**	<0.00100	<0.00100	0.000379 J	Duplicate A sample collected
MW-14 (Duplicate)	03/23/2021	**0.0117**	<0.00100	<0.00100	0.000328 J	
MW-14	06/30/2021	0.00109	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	06/30/2021	0.000929 J	<0.00100	<0.00100	0.000328 J	
MW-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	

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NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-15	12/02/2013	0.0017	<0.002	<0.002	<0.003	
MW-15	02/27/2014	0.0021	<0.002	<0.002	<0.003	
MW-15	06/03/2014	0.0019	<0.002	<0.002	<0.003	
MW-15	09/22/2014	0.0027	<0.001	<0.001	<0.001	
MW-15	12/03/2014	0.0018	0.00031J	<0.001	<0.003	
MW-15	02/25/2015	0.0015	<0.001	0.0021	<0.003	
MW-15	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	03/23/2016	0.001	<0.0010	<0.0010	<0.0030	
MW-15	06/23/2016	0.0011	<0.0010	<0.0010	<0.0030	
MW-15	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15 (Duplicate)	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-15	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-15	03/09/2017	<0.0010	<0.0010	0.0018	<0.0010	
MW-15	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-15	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	12/20/2017	0.000362 J	<0.0010	<0.0010	<0.0030	
MW-15	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	03/14/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
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-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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-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-17	09/24/2014	LNAPL				Annual Event
MW-17	09/01/2015	LNAPL				Annual Event
MW-17	09/28/2016	LNAPL				Annual Event
MW-17	09/26/2017	LNAPL				Annual Event
MW-17	09/11/2018	LNAPL				Annual Event
MW-17	09/24/2019	LNAPL				Annual Event
MW-17	09/23/2020	Not Measured				Passive Bailer in Well
MW-17	12/15/2020	Not Measured				Passive Bailer in Well
MW-17	03/23/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-17	06/29/2021	NS	NS	NS	NS	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	09/24/2014	LNAPL				Annual Event
MW-18	09/01/2015	LNAPL				Annual Event
MW-18	09/28/2016	LNAPL				Annual Event
MW-18	09/26/2017	LNAPL				Annual Event
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	NS	NS	NS	NS	
MW-18	03/23/2021	NS	NS	NS	NS	
MW-18	06/29/2021	NS	NS	NS	NS	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-19	03/23/2005	0.0019	<0.002	<0.002	<0.006	
MW-19	06/08/2005	0.0012	0.072	<0.002	<0.006	
MW-19	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-19	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-19	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-19	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-19	12/20/2006	0.0007	<0.002	<0.002	<0.006	
MW-19	03/29/2007	0.00075	<0.002	<0.002	<0.006	
MW-19	06/27/2007	0.00071	<0.002	<0.002	<0.006	
MW-19	09/06/2007	0.00053	<0.002	<0.002	<0.006	
MW-19	11/28/2007	0.00054	<0.002	<0.002	<0.006	
MW-19	03/06/2008	0.00054	<0.002	<0.002	<0.006	
MW-19	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-19	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	03/09/2010	0.0009	<0.002	<1.0	-	
MW-19	06/14/2010	0.00051	<0.002	<0.30	-	
MW-19	09/14/2010	0.00036	<0.002	<0.002	-	
MW-19	12/07/2010	<0.001	<0.002	0.00068	-	
MW-19	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-19	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-19	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-19	09/23/2014	<0.001	<0.001	<0.001	<0.001	
MW-19	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-19	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-19	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
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	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-19	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-19S	09/27/2006	<0.23	<0.54	<0.48	<1.1	
MW-19S	Well Not On Sampling Plan					
MW-19D	03/23/2005	0.00073	<0.002	<0.002	<0.006	
MW-19D	06/08/2005	0.0011	0.0012	<0.002	<0.006	
MW-19D	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-19D	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-19D	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-19D	06/21/2006	0.0011	<0.002	<0.002	<0.006	
MW-19D	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-19D	12/20/2006	0.0018	<0.002	0.00074	<0.006	
MW-19D	03/29/2007	0.0007	<0.002	<0.002	<0.006	
MW-19D	06/27/2007	0.00074	<0.002	<0.002	<0.006	
MW-19D	09/06/2007	0.00072	<0.002	<0.002	<0.006	
MW-19D	11/28/2007	0.00093	<0.002	<0.002	<0.006	
MW-19D	03/06/2008	0.001	<0.002	<0.002	<0.006	
MW-19D	12/02/2008	0.0016	<0.002	<0.002	<0.006	
MW-19D	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-19D	05/26/2009	0.00074	<0.002	<0.002	<0.006	
MW-19D	09/21/2009	0.0011	<0.002	<0.002	<0.006	
MW-19D	12/20/2009	0.0009	<0.002	<0.002	<0.006	
MW-19D	03/09/2010	0.0009	<0.002	<0.002	-	
MW-19D	06/14/2010	0.00037	<0.002	<0.002	-	
MW-19D	09/14/2010	0.00086	<0.002	<0.002	-	
MW-19D	12/07/2010	0.00085	<0.002	<0.002	-	
MW-19D	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19D	06/21/2011	.0006 J	<0.002	<0.002	<0.004	
MW-19D	09/15/2011	0.0014	<0.002	<0.002	<0.004	
MW-19D	12/06/2011	0.0015	<0.002	<0.002	<0.004	
MW-19D	03/09/2012	0.0015	<0.002	<0.002	<0.004	Duplicate-2 sample collected
MW-19D	06/06/2012	0.00079	<0.002	<0.002	<0.003	
MW-19D	09/06/2012	0.00072	<0.002	<0.002	<0.003	Duplicate-2 sample collected
MW-19D	12/05/2012	0.003	<0.002	0.00069	<0.003	
MW-19D	02/19/2013	0.0086	<0.002	0.0045	<0.003	Duplicate B sample collected
MW-19D	06/03/2013	0.00073	<0.002	0.0064	<0.003	
MW-19D	09/10/2013	0.00054	<0.002	0.00087	<0.003	Duplicate B sample collected
MW-19D	12/02/2013	0.00057	<0.002	<0.002	<0.003	
MW-19D	02/27/2014	0.00059 J	<0.002	<0.002	<0.003	
MW-19D	06/03/2014	0.0022	<0.002	<0.002	<0.003	
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	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-19D	09/11/2018	**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-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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-20	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/29/2016	0.0013	<0.0010	<0.0010	<0.0030	
MW-20	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/18/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/23/2020	0.000116 J	<0.00100	<0.00100	<0.00300	
MW-20	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-21	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	09/26/2017	<0.0010	<0.0010	0.00101	0.00743	
MW-21	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/17/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	03/23/2021	<0.00100	<0.00100	<0.00100	0.000230 J	
MW-21	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-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	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-22	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	NS	NS	NS	NS	Insufficient Volume
MW-22	03/23/2021	NS	NS	NS	NS	Insufficient Volume
MW-22	06/30/2021	0.000515 J	<0.00100	0.00180	0.00164 J	
MW-23	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-23	03/09/2009	0.00049	<0.002	<0.002	<0.006	
MW-23	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	03/09/2010	<0.001	<0.002	<0.002	-	
MW-23	06/14/2010	<0.001	<0.002	<0.002	-	
MW-23	09/14/2010	<0.001	<0.002	<0.002	-	
MW-23	12/07/2010	<0.001	<0.002	<0.002	-	
MW-23	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-23	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-23	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-23	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-23	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-23	12/03/2014	0.0016	<0.001	0.00086 J	<0.003	
MW-23	02/25/2015	0.0084	<0.005	<0.005	<0.015	
MW-23	06/03/2015	0.0011	<0.001	<0.001	<0.003	
MW-23	09/01/2015	0.0015	<0.001	<0.001	<0.003	
MW-23	12/16/2015	0.0015	<0.001	<0.001	<0.003	
MW-23	03/23/2016	0.0014	<0.0010	0.0054	<0.0030	
MW-23	06/23/2016	**0.013**	<0.0010	0.012	0.0062	
MW-23	09/29/2016	**0.039**	<0.0050	0.02	<0.015	
MW-23	12/21/2016	0.0011	<0.0010	0.0015	0.0014	

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

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-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-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	03/19/2008	0.0012	0.0015	<0.00045	<0.0014	
MW-25	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-25	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-25	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-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-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-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-29	06/06/2019	0.00902	<0.0010	0.000403 J	<0.0030	
MW-29	09/25/2019	**0.0253**	<0.0010	<0.0010	<0.0030	
MW-29	12/16/2019	**0.0507**	<0.0010	0.00180	<0.0030	
MW-29	06/18/2020	0.00168	<0.0010	<0.0010	<0.0030	
MW-29	09/23/2020	**0.103**	<0.00100	0.00732	0.00514	
MW-29	12/15/2020	**0.144**	<0.00100	0.00193	0.00264 J	
MW-29	03/23/2021	**0.282**	0.000392 J	0.0193	0.0233	
MW-29	06/29/2021	**0.0735**	0.000392 J	0.00176	0.00250 J	
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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
Trip Blank	03/23/2021	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/30/2021	0.00203	<0.0010	<0.0010	<0.0030	

Notes:

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

NMWQCC = New Mexico Water Quality Control Commission

LNAPL = Light Non-Aqueous Phase Liquid

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

NS = Not Sampled

NM - Not Measured

mg/L = milligrams per liter

Appendix B

Laboratory Analytical Report

- Pace Job #: L1373539

ANALYTICAL REPORT

July 15, 2021

DCP Midstream - Tasman

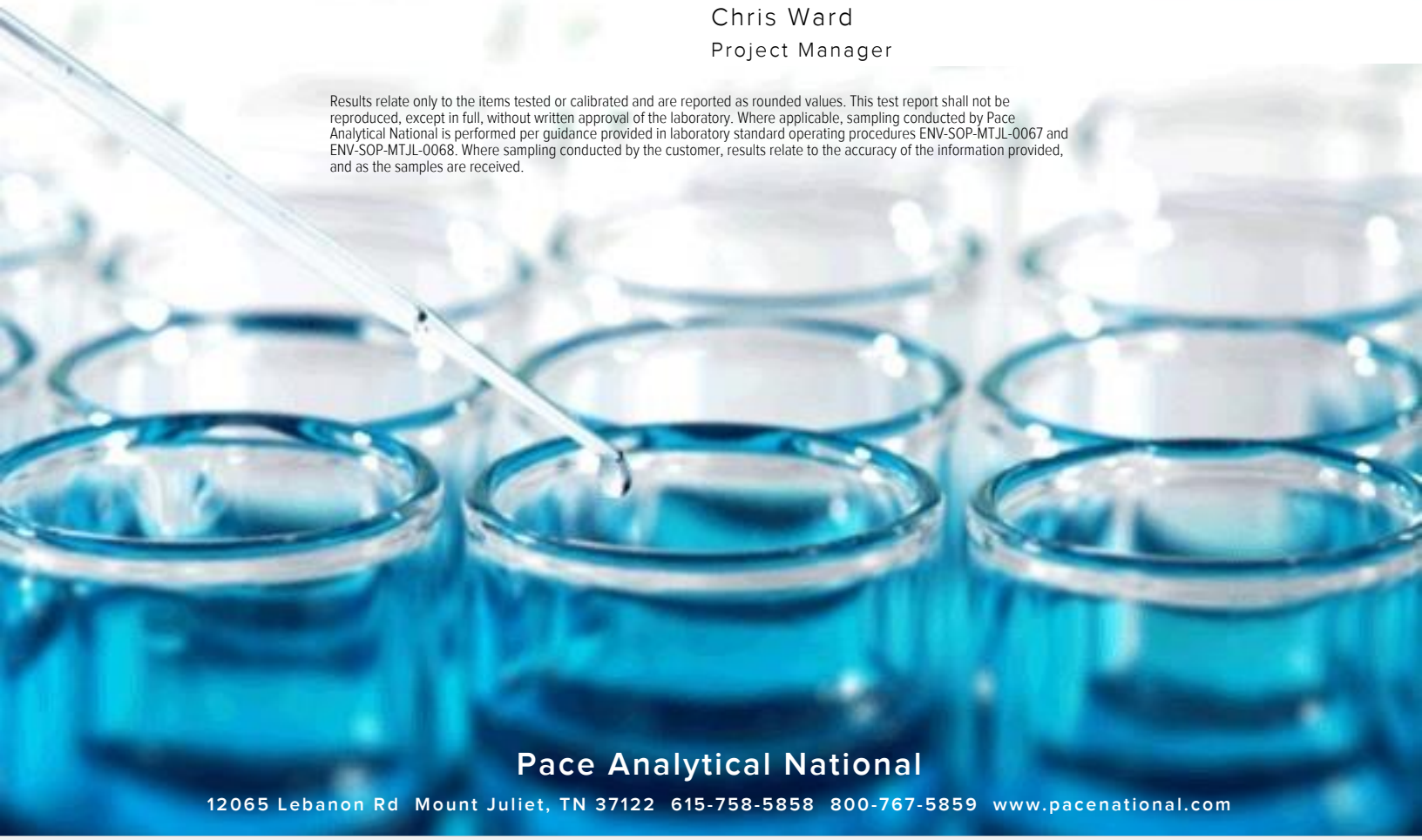
Sample Delivery Group:	L1373539
Samples Received:	07/01/2021
Project Number:	
Description:	Former Hobbs Booster Station

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

Entire Report Reviewed By: Chris Ward

Chris Ward
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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

TABLE OF CONTENTS

MW-14 L1373539-01 GW

Collected by: Becky Griffin | Collected date/time: 06/30/21 08:25 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1700308	1	07/05/21 13:55	07/05/21 13:55	JCP	Mt. Juliet, TN

MW-15 L1373539-02 GW

Collected by: Becky Griffin | Collected date/time: 06/29/21 10:55 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1700308	1	07/05/21 14:15	07/05/21 14:15	JCP	Mt. Juliet, TN

MW-16 L1373539-03 GW

Collected by: Becky Griffin | Collected date/time: 06/29/21 14:35 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1700308	1	07/05/21 14:36	07/05/21 14:36	JCP	Mt. Juliet, TN

MW-19 L1373539-04 GW

Collected by: Becky Griffin | Collected date/time: 06/29/21 14:10 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1700308	1	07/05/21 14:56	07/05/21 14:56	JCP	Mt. Juliet, TN

MW-19D L1373539-05 GW

Collected by: Becky Griffin | Collected date/time: 06/30/21 08:55 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1701018	10	07/07/21 04:12	07/07/21 04:12	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1703415	10	07/11/21 16:00	07/11/21 16:00	ACG	Mt. Juliet, TN

MW-20 L1373539-06 GW

Collected by: Becky Griffin | Collected date/time: 06/29/21 13:45 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1700308	1	07/05/21 15:17	07/05/21 15:17	JCP	Mt. Juliet, TN

MW-21 L1373539-07 GW

Collected by: Becky Griffin | Collected date/time: 06/29/21 13:05 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1700308	1	07/05/21 15:38	07/05/21 15:38	JCP	Mt. Juliet, TN

MW-22 L1373539-08 GW

Collected by: Becky Griffin | Collected date/time: 06/30/21 09:30 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1700308	1	07/05/21 15:58	07/05/21 15:58	JCP	Mt. Juliet, TN

MW-23 L1373539-09 GW

Collected by: Becky Griffin | Collected date/time: 06/29/21 11:55 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1700308	1	07/05/21 16:19	07/05/21 16:19	JCP	Mt. Juliet, TN

MW-24 L1373539-10 GW

Collected by: Becky Griffin | Collected date/time: 06/29/21 11:15 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1700308	1	07/05/21 16:39	07/05/21 16:39	JCP	Mt. Juliet, TN

MW-25 L1373539-11 GW

Collected by: Becky Griffin | Collected date/time: 06/29/21 11:35 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1700308	1	07/05/21 17:00	07/05/21 17:00	JCP	Mt. Juliet, TN

MW-27 L1373539-12 GW

Collected by: Becky Griffin | Collected date/time: 06/29/21 09:10 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1700308	1	07/05/21 17:20	07/05/21 17:20	JCP	Mt. Juliet, TN

MW-28 L1373539-13 GW

Collected by: Becky Griffin | Collected date/time: 06/29/21 08:50 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1700980	1	07/06/21 22:31	07/06/21 22:31	ACG	Mt. Juliet, TN

MW-29 L1373539-14 GW

Collected by: Becky Griffin | Collected date/time: 06/29/21 13:25 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1701018	1	07/07/21 00:08	07/07/21 00:08	JAH	Mt. Juliet, TN

DUPLICATE A L1373539-15 GW

Collected by: Becky Griffin | Collected date/time: 06/30/21 00:00 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1701018	1	07/07/21 00:28	07/07/21 00:28	JAH	Mt. Juliet, TN

DUPLICATE B L1373539-16 GW

Collected by: Becky Griffin | Collected date/time: 06/30/21 00:00 | Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1704673	100	07/14/21 02:18	07/14/21 02:18	ACG	Mt. Juliet, TN

SAMPLE SUMMARY

TRIP BLANK L1373539-17 GW

Collected by: Becky Griffin
Collected date/time: 06/30/21 00:00
Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1700434	1	07/05/21 14:55	07/05/21 14:55	ACG	Mt. Juliet, TN

MW-26 L1373539-18 GW

Collected by: Becky Griffin
Collected date/time: 06/29/21 09:45
Received date/time: 07/01/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1700434	1	07/05/21 18:24	07/05/21 18:24	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1704673	10	07/14/21 01:58	07/14/21 01:58	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

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	0.00109		0.0000941	0.00100	1	07/05/2021 13:55	WG1700308
Toluene	U		0.000278	0.00100	1	07/05/2021 13:55	WG1700308
Ethylbenzene	U		0.000137	0.00100	1	07/05/2021 13:55	WG1700308
Total Xylenes	U		0.000174	0.00300	1	07/05/2021 13:55	WG1700308
(S) Toluene-d8	*107*			*80.0-120*		*07/05/2021 13:55*	WG1700308
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*07/05/2021 13:55*	WG1700308
(S) 1,2-Dichloroethane-d4	*89.9*			*70.0-130*		*07/05/2021 13:55*	WG1700308

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	07/05/2021 14:15	WG1700308
Toluene	U		0.000278	0.00100	1	07/05/2021 14:15	WG1700308
Ethylbenzene	U		0.000137	0.00100	1	07/05/2021 14:15	WG1700308
Total Xylenes	U		0.000174	0.00300	1	07/05/2021 14:15	WG1700308
(S) Toluene-d8	*101*			*80.0-120*		*07/05/2021 14:15*	WG1700308
(S) 4-Bromofluorobenzene	*91.3*			*77.0-126*		*07/05/2021 14:15*	WG1700308
(S) 1,2-Dichloroethane-d4	*93.8*			*70.0-130*		*07/05/2021 14:15*	WG1700308

Received by OCD: 1/19/2023 6:38:10 AM

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	07/05/2021 14:36	WG1700308
Toluene	U		0.000278	0.00100	1	07/05/2021 14:36	WG1700308
Ethylbenzene	U		0.000137	0.00100	1	07/05/2021 14:36	WG1700308
Total Xylenes	U		0.000174	0.00300	1	07/05/2021 14:36	WG1700308
(S) Toluene-d8	*105*			*80.0-120*		*07/05/2021 14:36*	WG1700308
(S) 4-Bromofluorobenzene	*98.6*			*77.0-126*		*07/05/2021 14:36*	WG1700308
(S) 1,2-Dichloroethane-d4	*95.8*			*70.0-130*		*07/05/2021 14:36*	WG1700308

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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	07/05/2021 14:56	WG1700308
Toluene	U		0.000278	0.00100	1	07/05/2021 14:56	WG1700308
Ethylbenzene	U		0.000137	0.00100	1	07/05/2021 14:56	WG1700308
Total Xylenes	U		0.000174	0.00300	1	07/05/2021 14:56	WG1700308
(S) Toluene-d8	*105*			*80.0-120*		*07/05/2021 14:56*	WG1700308
(S) 4-Bromofluorobenzene	*98.5*			*77.0-126*		*07/05/2021 14:56*	WG1700308
(S) 1,2-Dichloroethane-d4	*93.5*			*70.0-130*		*07/05/2021 14:56*	WG1700308

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	0.514		0.000941	0.0100	10	07/07/2021 04:12	WG1701018
Toluene	U		0.00278	0.0100	10	07/11/2021 16:00	WG1703415
Ethylbenzene	0.123		0.00137	0.0100	10	07/07/2021 04:12	WG1701018
Total Xylenes	U		0.00174	0.0300	10	07/07/2021 04:12	WG1701018
(S) Toluene-d8	*103*			*80.0-120*		*07/07/2021 04:12*	WG1701018
(S) Toluene-d8	*102*			*80.0-120*		*07/11/2021 16:00*	WG1703415
(S) 4-Bromofluorobenzene	*83.8*			*77.0-126*		*07/07/2021 04:12*	WG1701018
(S) 4-Bromofluorobenzene	*88.8*			*77.0-126*		*07/11/2021 16:00*	WG1703415
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*07/07/2021 04:12*	WG1701018
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*07/11/2021 16:00*	WG1703415

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	07/05/2021 15:17	WG1700308
Toluene	U		0.000278	0.00100	1	07/05/2021 15:17	WG1700308
Ethylbenzene	U		0.000137	0.00100	1	07/05/2021 15:17	WG1700308
Total Xylenes	U		0.000174	0.00300	1	07/05/2021 15:17	WG1700308
(S) Toluene-d8	*106*			*80.0-120*		*07/05/2021 15:17*	WG1700308
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*		*07/05/2021 15:17*	WG1700308
(S) 1,2-Dichloroethane-d4	*90.6*			*70.0-130*		*07/05/2021 15:17*	WG1700308

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MW-21
Collected date/time: 06/29/21 13:05
L1373539

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	07/05/2021 15:38	WG1700308
Toluene	U		0.000278	0.00100	1	07/05/2021 15:38	WG1700308
Ethylbenzene	U		0.000137	0.00100	1	07/05/2021 15:38	WG1700308
Total Xylenes	U		0.000174	0.00300	1	07/05/2021 15:38	WG1700308
(S) Toluene-d8	*104*			*80.0-120*		*07/05/2021 15:38*	WG1700308
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*		*07/05/2021 15:38*	WG1700308
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*07/05/2021 15:38*	WG1700308

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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	0.000515	J	0.0000941	0.00100	1	07/05/2021 15:58	WG1700308
Toluene	U		0.000278	0.00100	1	07/05/2021 15:58	WG1700308
Ethylbenzene	0.00180		0.000137	0.00100	1	07/05/2021 15:58	WG1700308
Total Xylenes	0.00164	J	0.000174	0.00300	1	07/05/2021 15:58	WG1700308
(S) Toluene-d8	*106*			*80.0-120*		*07/05/2021 15:58*	WG1700308
(S) 4-Bromofluorobenzene	*97.3*			*77.0-126*		*07/05/2021 15:58*	WG1700308
(S) 1,2-Dichloroethane-d4	*95.8*			*70.0-130*		*07/05/2021 15:58*	WG1700308

MW-23
Collected date/time: 06/29/21 11:55

L1373539

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	0.0490		0.0000941	0.00100	1	07/05/2021 16:19	WG1700308
Toluene	0.000303	J	0.000278	0.00100	1	07/05/2021 16:19	WG1700308
Ethylbenzene	0.0248		0.000137	0.00100	1	07/05/2021 16:19	WG1700308
Total Xylenes	0.00631		0.000174	0.00300	1	07/05/2021 16:19	WG1700308
(S) Toluene-d8	*99.4*			*80.0-120*		*07/05/2021 16:19*	WG1700308
(S) 4-Bromofluorobenzene	*89.4*			*77.0-126*		*07/05/2021 16:19*	WG1700308
(S) 1,2-Dichloroethane-d4	*95.1*			*70.0-130*		*07/05/2021 16:19*	WG1700308

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	07/05/2021 16:39	WG1700308
Toluene	U		0.000278	0.00100	1	07/05/2021 16:39	WG1700308
Ethylbenzene	U		0.000137	0.00100	1	07/05/2021 16:39	WG1700308
Total Xylenes	U		0.000174	0.00300	1	07/05/2021 16:39	WG1700308
(S) Toluene-d8	*106*			*80.0-120*		*07/05/2021 16:39*	WG1700308
(S) 4-Bromofluorobenzene	*99.3*			*77.0-126*		*07/05/2021 16:39*	WG1700308
(S) 1,2-Dichloroethane-d4	*95.3*			*70.0-130*		*07/05/2021 16:39*	WG1700308

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	07/05/2021 17:00	WG1700308
Toluene	U		0.000278	0.00100	1	07/05/2021 17:00	WG1700308
Ethylbenzene	U		0.000137	0.00100	1	07/05/2021 17:00	WG1700308
Total Xylenes	U		0.000174	0.00300	1	07/05/2021 17:00	WG1700308
(S) Toluene-d8	*105*			*80.0-120*		*07/05/2021 17:00*	WG1700308
(S) 4-Bromofluorobenzene	*96.0*			*77.0-126*		*07/05/2021 17:00*	WG1700308
(S) 1,2-Dichloroethane-d4	*93.9*			*70.0-130*		*07/05/2021 17:00*	WG1700308

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	07/05/2021 17:20	WG1700308
Toluene	U		0.000278	0.00100	1	07/05/2021 17:20	WG1700308
Ethylbenzene	U		0.000137	0.00100	1	07/05/2021 17:20	WG1700308
Total Xylenes	U		0.000174	0.00300	1	07/05/2021 17:20	WG1700308
(S) Toluene-d8	*104*			*80.0-120*		*07/05/2021 17:20*	WG1700308
(S) 4-Bromofluorobenzene	*96.4*			*77.0-126*		*07/05/2021 17:20*	WG1700308
(S) 1,2-Dichloroethane-d4	*96.0*			*70.0-130*		*07/05/2021 17:20*	WG1700308

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	0.00409		0.0000941	0.00100	1	07/06/2021 22:31	WG1700980
Toluene	U		0.000278	0.00100	1	07/06/2021 22:31	WG1700980
Ethylbenzene	0.00186		0.000137	0.00100	1	07/06/2021 22:31	WG1700980
Total Xylenes	0.000344	J	0.000174	0.00300	1	07/06/2021 22:31	WG1700980
(S) Toluene-d8	*97.1*			*80.0-120*		*07/06/2021 22:31*	WG1700980
(S) 4-Bromofluorobenzene	*91.3*			*77.0-126*		*07/06/2021 22:31*	WG1700980
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*07/06/2021 22:31*	WG1700980

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	0.0735		0.0000941	0.00100	1	07/07/2021 00:08	WG1701018
Toluene	U		0.000278	0.00100	1	07/07/2021 00:08	WG1701018
Ethylbenzene	0.00176		0.000137	0.00100	1	07/07/2021 00:08	WG1701018
Total Xylenes	0.00250	J	0.000174	0.00300	1	07/07/2021 00:08	WG1701018
(S) Toluene-d8	*103*			*80.0-120*		*07/07/2021 00:08*	WG1701018
(S) 4-Bromofluorobenzene	*88.1*			*77.0-126*		*07/07/2021 00:08*	WG1701018
(S) 1,2-Dichloroethane-d4	*98.8*			*70.0-130*		*07/07/2021 00:08*	WG1701018

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	0.000929	J	0.0000941	0.00100	1	07/07/2021 00:28	WG1701018
Toluene	U		0.000278	0.00100	1	07/07/2021 00:28	WG1701018
Ethylbenzene	U		0.000137	0.00100	1	07/07/2021 00:28	WG1701018
Total Xylenes	U		0.000174	0.00300	1	07/07/2021 00:28	WG1701018
(S) Toluene-d8	*104*			*80.0-120*		*07/07/2021 00:28*	WG1701018
(S) 4-Bromofluorobenzene	*87.3*			*77.0-126*		*07/07/2021 00:28*	WG1701018
(S) 1,2-Dichloroethane-d4	*91.4*			*70.0-130*		*07/07/2021 00:28*	WG1701018

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	0.609		0.00941	0.100	100	07/14/2021 02:18	WG1704673
Toluene	U		0.0278	0.100	100	07/14/2021 02:18	WG1704673
Ethylbenzene	0.0970	J	0.0137	0.100	100	07/14/2021 02:18	WG1704673
Total Xylenes	U		0.0174	0.300	100	07/14/2021 02:18	WG1704673
(S) Toluene-d8	*99.2*			*80.0-120*		*07/14/2021 02:18*	WG1704673
(S) 4-Bromofluorobenzene	*91.4*			*77.0-126*		*07/14/2021 02:18*	WG1704673
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*07/14/2021 02:18*	WG1704673

Sample Narrative:

L1373539-16 WG1704673: Non-target compounds too high to run at a lower dilution.

Received by OCD: 1/19/2023 6:38:10 AM

TRIP BLANK
Collected date/time: 06/30/21 00:00
L1373539

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	0.00203	B	0.0000941	0.00100	1	07/05/2021 14:55	WG1700434
Toluene	U		0.000278	0.00100	1	07/05/2021 14:55	WG1700434
Ethylbenzene	U		0.000137	0.00100	1	07/05/2021 14:55	WG1700434
Total Xylenes	U		0.000174	0.00300	1	07/05/2021 14:55	WG1700434
(S) Toluene-d8	*97.7*			*80.0-120*		*07/05/2021 14:55*	WG1700434
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*07/05/2021 14:55*	WG1700434
(S) 1,2-Dichloroethane-d4	*121*			*70.0-130*		*07/05/2021 14:55*	WG1700434

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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	0.225		0.000941	0.0100	10	07/14/2021 01:58	WG1704673
Toluene	U		0.000278	0.00100	1	07/05/2021 18:24	WG1700434
Ethylbenzene	0.0367		0.000137	0.00100	1	07/05/2021 18:24	WG1700434
Total Xylenes	0.0458		0.000174	0.00300	1	07/05/2021 18:24	WG1700434
(S) Toluene-d8	*96.2*			*80.0-120*		*07/05/2021 18:24*	WG1700434
(S) Toluene-d8	*96.9*			*80.0-120*		*07/14/2021 01:58*	WG1704673
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*07/05/2021 18:24*	WG1700434
(S) 4-Bromofluorobenzene	*93.7*			*77.0-126*		*07/14/2021 01:58*	WG1704673
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*07/05/2021 18:24*	WG1700434
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*07/14/2021 01:58*	WG1704673

Method Blank (MB)

(MB) R3676251-3 07/05/21 11:09

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*104*			*80.0-120*
(S) 4-Bromofluorobenzene	*102*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*93.4*			*70.0-130*

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

(LCS) R3676251-1 07/05/21 09:47 • (LCSD) R3676251-2 07/05/21 10:08

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	0.00446	0.00446	89.2	89.2	70.0-123			0.000	20
Ethylbenzene	0.00500	0.00416	0.00414	83.2	82.8	79.0-123			0.482	20
Toluene	0.00500	0.00445	0.00443	89.0	88.6	79.0-120			0.450	20
Xylenes, Total	0.0150	0.0126	0.0123	84.0	82.0	79.0-123			2.41	20
(S) Toluene-d8				*101*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.8*	*95.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*94.6*	*92.3*	*70.0-130*				

Method Blank (MB)

(MB) R3678910-3 07/05/21 11:23

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	0.000408	J	0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*97.8*			*80.0-120*
(S) 4-Bromofluorobenzene	*100*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*

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

(LCS) R3678910-1 07/05/21 10:45 • (LCSD) R3678910-2 07/05/21 11:04

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	0.00557	0.00553	111	111	70.0-123			0.721	20
Ethylbenzene	0.00500	0.00482	0.00515	96.4	103	79.0-123			6.62	20
Toluene	0.00500	0.00481	0.00481	96.2	96.2	79.0-120			0.000	20
Xylenes, Total	0.0150	0.0147	0.0145	98.0	96.7	79.0-123			1.37	20
(S) Toluene-d8				*100*	*98.8*	*80.0-120*				
(S) 4-Bromofluorobenzene				*102*	*101*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*121*	*120*	*70.0-130*				

Received by OCD: 1/19/2023 6:38:10 AM

Method Blank (MB)

(MB) R3676597-2 07/06/21 22:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*95.9*			*80.0-120*
(S) 4-Bromofluorobenzene	*89.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3676597-1 07/06/21 21:28

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00496	99.2	70.0-123	
Ethylbenzene	0.00500	0.00484	96.8	79.0-123	
Toluene	0.00500	0.00451	90.2	79.0-120	
Xylenes, Total	0.0150	0.0136	90.7	79.0-123	
(S) Toluene-d8			*94.6*	*80.0-120*	
(S) 4-Bromofluorobenzene			*85.4*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*106*	*70.0-130*	

Released to Imaging: 3/29/2023 10:59:00 AM

Method Blank (MB)

(MB) R3678017-2 07/06/21 22:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*106*			*80.0-120*
(S) 4-Bromofluorobenzene	*83.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*99.7*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3678017-1 07/06/21 21:26

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00484	96.8	70.0-123	
Ethylbenzene	0.00500	0.00508	102	79.0-123	
Toluene	0.00500	0.00477	95.4	79.0-120	
Xylenes, Total	0.0150	0.0139	92.7	79.0-123	
(S) Toluene-d8			*100*	*80.0-120*	
(S) 4-Bromofluorobenzene			*90.1*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*101*	*70.0-130*	

Method Blank (MB)

(MB) R3678128-2 07/11/21 12:16

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Toluene	U		0.000278	0.00100
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*90.7*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

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

(LCS) R3678128-1 07/11/21 11:15 • (LCSD) R3678128-3 07/11/21 14:59

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 %
Toluene	0.00500	0.00485	0.00505	97.0	101	79.0-120			4.04	20
(S) Toluene-d8				*99.4*	*99.6*	*80.0-120*				
(S) 4-Bromofluorobenzene				*92.9*	*90.3*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*106*	*106*	*70.0-130*				

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Method Blank (MB)

(MB) R3679207-2 07/13/21 19:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*96.3*			*80.0-120*
(S) 4-Bromofluorobenzene	*91.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3679207-1 07/13/21 18:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00598	120	70.0-123	
Ethylbenzene	0.00500	0.00496	99.2	79.0-123	
Toluene	0.00500	0.00537	107	79.0-120	
Xylenes, Total	0.0150	0.0145	96.7	79.0-123	
(S) Toluene-d8			*97.4*	*80.0-120*	
(S) 4-Bromofluorobenzene			*97.2*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*101*	*70.0-130*	

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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
B	The same analyte is found in the associated blank.
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.

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;bhumphrey@tasman-

Project Description: Former Hobbs Booster Station

City/State Collected:

Please Circle: PT MT CT ET

Phone: 720-218-4003

Client Project #

Lab Project # DCPTASMAN-HOBBSBOOST

Collected by (print): BECKY GRIFFIN

Site/Facility ID #

P.O. # 0000524225

Collected by (signature): Becky Griffin

Immediately Packed on Ice N ___ Y ___

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

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SDG # L1373539

Table E235

Acctnum: DCPTASMAN

Template: T127772

Prelogin: P853826

PM: 824 - Chris Ward

PB: 6/10/21 mw

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-14		GW		6-30-21	0825	3	X		-01
MW-15		GW		6-29-21	1055	3	X		-02
MW-16		GW		6-29-21	1435	3	X		-03
MW-19		GW		6-29-21	1410	3	X		-04
MW-19D		GW		6-30-21	0855	3	X		-05
MW-20		GW		6-29-21	1345	3	X		-06
MW-21		GW		6-29-21	1305	3	X		-07
MW-22		GW		6-30-21	0930	3	X		-08
MW-23		GW		6-29-21	1155	3	X		-09
MW-24		GW		6-29-21	1115	3	X		-10

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Becky Griffin	6-30-21	1400	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp °C Bottles Received:
1.3+0.2=1.5 54

Date: 7-1-21 Time: 9:10

If preservation required by Login: Date/Time

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;bhumphrey@tasman-

Project Description: Former Hobbs Booster Station

City/State Collected:

Please Circle: PT MT CT ET

Phone: 720-218-4003

Client Project #

Lab Project # DCPTASMAN-HOBBSBOOST

Collected by (print): BECKY GRIFFIN

Site/Facility ID #

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Collected by (signature): Becky Griffin

Immediately Packed on Ice N ___ Y ___

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-25		GW		6-29-21	1135	3	X		-11
MW-27		GW		6-29-21	0910	3	X		-12
MW-28		GW		6-29-21	0850	3	X		-17
MW-29		GW		6-29-21	1325	3	X		-14
DUPLICATE A		GW		6-30-21		3	X		-15
DUPLICATE B		GW		6-30-21		3	X		-16
TRIP BLANK		GW				1			-17
MW-26		GW		6-29-21	0945	3	X		-18

Chain of Custody Page ___ of ___

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SDG # L1373539

Table #

Acctnum: DCPTASMAN

Template: T127772

Prelogin: P853826

PM: 824 - Chris Ward

PB: 6/10/21 VMD

Shipped Via:

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Becky Griffin	6-30-21	1400			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.3+2=1.5 °C Bottles Received: 54	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 7-1-21 Time: 9:00	Hold: Condition: NCF / OK

Received by OCD: 1/19/2023 6:38:10 AM

Accepted for the record.
03/27/2023

NV

Third Quarter 2021 Groundwater Monitoring Summary Report

Hobbs Booster Station
Lea County, New Mexico
AP-114

Prepared for:

dcp Midstream

370 17th St., Suite 2500
Denver, CO 80202

Prepared by:

TASMAN GEOSCIENCES

6855 W. 119th Avenue
Broomfield, Colorado 80020

December 8, 2021

Released to Imaging: 3/27/2023 10:59:00 AM

Received by OCD: 1/19/2023 6:38:10 AM

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Received by OCD: 1/19/2023 6:38:10 AM

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 20 and 21, 2021, were used to develop a groundwater elevation contour map and an analytical results map to evaluate current conditions at the Site.

2. Site Location and Background

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

Historically, the Site had 29 groundwater monitoring wells which are illustrated in Figure 2. However, monitoring well TW-Q has not been able to be located since June 2014, and monitoring wells TW-N and TW-T have not been located since June and September 2016, respectively, and are presumed destroyed. TW-K, which was previously presumed destroyed, was located in the third quarter 2018. Twenty-five of the existing monitoring wells are located on the Site property while the other 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 2021 monitoring event on September 20 and 21, 2021. 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.

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3.1 Groundwater and LNAPL Elevation Monitoring

Groundwater and LNAPL levels were measured to evaluate hydraulic characteristics and provide information regarding fluctuations in groundwater and LNAPL elevations at the Site. During the third quarter 2021 monitoring event, groundwater and LNAPL levels, where present, were measured at 25 monitoring well locations. Groundwater and/or LNAPL levels were unable to be collected from monitoring wells, TW-Q, TW-T-R, and TW-N as these wells were unable to be located and/or are presumed destroyed. In addition, MW-12 was not gauged due to the presence of an active Spill Buster pump in the well. Monitoring wells MW-10 and MW-17 were gauged as the passive LNAPL bailers were removed for service.

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

Groundwater and LNAPL elevations collected during the reporting period as well as historical elevations are presented in Table 1. A third quarter 2021 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 2021 (9/20/2021)
Maximum Elevation (Well ID)	3,572.58’ (MW-6)
Minimum Elevation (Well ID)	3,562.60’ (MW-29)
Average Change from Previous Monitoring Event – All Wells	0.23 feet
Hydraulic Gradient (ft/ft) / (Well IDs)	0.005 (MW-6 to MW-29)

LNAPL was detected in seven (7) of the monitoring wells that were gauged during the third quarter 2021 with thicknesses ranging between 0.14 feet in MW-17, to 3.00 feet in MW-1. Groundwater was not detected in wells MW-7 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) was 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 2021 water quality samples were collected from 17 monitoring wells on September 20 and 21, 2021.

Table 2 summarizes BTEX concentrations in groundwater samples collected during the third quarter 2021. Analytical results are also displayed in Figure 4. Historical analytical results, up to and including the third quarter 2021 event, are included in Appendix A and the laboratory analytical report is included in Appendix B.

Analytical results indicate that BTEX concentrations were below the New Mexico Water Quality Control Commission (NMWQCC) standard in 15 of the 17 sampled wells. Benzene concentrations in MW-19D (0.673 mg/L in parent and Duplicate) and MW-23 (0.0947 mg/L) were above the NMWQCC groundwater standard of 0.005 mg/L.

3.3 Data Quality Assurance/ Quality Control

A trip blank and two field duplicate samples (MW-14 and MW-19D) were collected during the sampling event. The data was 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 was reported using the correct method number and reporting units. QA/QC items of note for the third quarter 2021 include the following:

- Benzene was detected below the laboratory reporting limit and above the method detection limit in the associated trip blank, and;
- Benzene was not detected in MW-14 or the associated duplicate above the lab detection limit of 0.00100 mg/L.
- MW-19D and the associated duplicate sample both exhibited benzene concentrations of 0.673 mg/L. The calculated relative percent difference (RPD) is 0%, which is within the target range of 20%.

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

4. Remediation System Performance

This section includes a description of the active remediation system at the Site along with observations and modifications to the system components during the third quarter 2021. An evaluation of system performance is also provided based on collected information.

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4.1 Remediation System Layout

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

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

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

4.2 Vacuum-Enhanced Extraction Observations

As discussed within the second quarter 2014 monitoring report, soil vapor extraction (SVE) was discontinued at the Site and was not re-initiated during the third quarter 2021.

4.3 LNAPL Recovery System Performance Evaluation

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

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

- A total volume of 117 gallons of LNAPL were recovered from the extraction wells during 2021 between February and September 2021. Measurements will be collected during the next monitoring event.
- After Spill Buster installation, approximately 32,277 gallons (as of September 2021) of LNAPL have been removed since May 2013 exhibiting extraction rates above those achieved with previous recovery efforts. 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 2,140 gallons of LNAPL.

Passive bailers were installed on March 14, 2019 in wells MW-10 and MW-17 and approximately 3 gallons of LNAPL have been removed since early 2019 and measurements are planned to be collected during the quarterly 2021 monitoring events.

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4.4 Air Sparge Performance Evaluation

The AS system has continued to operate on a 24-hour per day basis with minor down time due to routine scheduled equipment maintenance. The primary evaluation criteria for AS performance is tied to the dissolved phase hydrocarbon concentrations present in groundwater downgradient of the AS well alignment. Monitoring wells MW-14, MW-15, MW-23, MW-24, and MW-25, located downgradient from the sparge curtain, provide ideal monitoring locations for observing the effects of the AS system on impacted groundwater as it passes through the treatment zone. On the east end of the AS system, monitoring well MW-14 (<0.00100 mg/L in parent and duplicate) no longer exhibited dissolved benzene concentrations above the NMWQCC standard during the third quarter 2021 monitoring event. MW-23 continues to exhibit fluctuating historic levels of benzene concentrations and was above the NMWQCC standard during the third quarter 2021 monitoring event (0.0947 mg/L). Monitoring wells MW-24 and MW-25, which are located cross-gradient to MW-14 and MW-23, continue to have non-detect concentrations of benzene or other dissolved petroleum hydrocarbons. 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.

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). During the second quarter 2021, MW-22 was sampled, and benzene concentrations were reported below the NMWQCC standard for the fifth consecutive quarterly monitoring event in which sampling occurred. However, sampling events in December 15, 2020, March 25, 2021, and the current quarter provided insufficient sample volumes and were not sampled for those periods. AS application has demonstrated a general decrease in benzene concentrations at MW-22, however fluctuations to above the NMWQCC standard are now rarely observed and are likely also influenced by fluctuating seasonal groundwater levels.

5. Conclusions

This section of the report presents conclusions from the findings of third quarter 2021 groundwater monitoring and remediation system O&M activities.

- LNAPL system recovery has continued at steady rates following installation of the Spill Buster units and incidental groundwater recovery has been eliminated.
- The AS portion of the System appears to continue to prevent the migration of LNAPL and dissolved-phase impacts across the treatment zone.
- At MW-19D and MW-23 the benzene concentration was reported above the NMWQCC groundwater standards during the third quarter 2021. However, data from adjacent monitoring wells suggest the dissolved-phase petroleum hydrocarbon plume is relatively stable in this area of the Site.
- Monitoring points along the eastern Site boundary, MW-18, MW-20, MW-27 and MW-28 exhibited benzene concentrations below laboratory detection levels and/or NMWQCC standards.

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6. Recommendations

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

- Continue quarterly and annual groundwater monitoring and sampling activities to monitor dissolved phase BTEX concentrations and LNAPL trends.
- Continue to monitor BTEX concentrations at point of compliance wells to the east of the site to delineate and mitigate potential groundwater contamination in areas adjacent to Site which are hydraulically downgradient. If an increasing trend in BTEX concentrations is observed, additional remedial strategies to mitigate migration of contaminants may be recommended.
- Continue operation, monitoring, and maintenance of the Spill Buster LNAPL extraction system.
- Regularly inspect and replace passive LNAPL bailers in MW-10 and MW-17 to increase recovery of LNAPL.
- Temporarily discontinue AS activities at monitoring well MW-22 approximately two weeks prior to the fourth quarter 2021 groundwater monitoring events, AS operation will be temporarily discontinued to allow the formation to equilibrate prior to sampling. Subsequent to groundwater sampling activities, AS remediation will be continued at that location.
- Due to the consistent water levels and benzene concentrations observed at MW-29, extending the AS system to this well is being evaluated and anticipated to be implemented by early 2022.

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Tables

TABLE 1
THIRD QUARTER 2021
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	12/15/2020	55.45			NM	3626.06	3570.61	0.54
MW-1	03/23/2021	NM			NM	3626.06	NM	NM
MW-1	06/29/2021	58.85	55.95	2.90	NM	3626.06	3569.39	NM
MW-1	09/20/2021	58.84	55.84	3.00	NM	3626.06	3569.47	0.08
MW-2	12/15/2020	52.50	50.45	2.05	NM	3623.14	3572.18	-0.26
MW-2	03/23/2021	52.77	50.70	2.07	NM	3623.14	3571.92	-0.26
MW-2	06/29/2021	53.05	49.95	3.10	NM	3623.14	3572.42	0.49
MW-2	09/20/2021	52.40	50.52	1.88	NM	3623.14	3572.15	-0.26
MW-3	12/15/2020	51.20			NM	3623.01	3571.81	-0.25
MW-3	03/23/2021	51.49			NM	3623.01	3571.52	-0.29
MW-3	06/29/2021	51.75			56.89	3623.01	3571.26	-0.26
MW-3	09/20/2021	51.15			56.89	3623.01	3571.86	0.60
MW-5	12/15/2020	58.45			NM	3629.16	3570.71	-0.28
MW-5	03/23/2021	58.61			NM	3629.16	3570.55	-0.16
MW-5	06/29/2021	58.95			60.35	3629.16	3570.21	-0.34
MW-5	09/09/2021	58.72			60.35	3629.16	3570.44	0.23
MW-6	12/15/2020	54.20			NM	3626.93	3572.73	-0.28
MW-6	03/23/2021	54.37			NM	3626.93	3572.56	-0.17
MW-6	06/29/2021	NM			56.75	3626.93	NM	NM
MW-6	09/20/2021	54.35			56.75	3626.93	3572.58	NA
MW-7	12/15/2020	DRY			44.94	3621.40	DRY	NA
MW-7	03/23/2021	DRY			44.94	3621.40	DRY	NA
MW-7	06/29/2021	DRY			42.25	3621.40	DRY	NA
MW-7	09/20/2021	DRY			42.25	3621.40	DRY	NA
MW-9	12/15/2020	60.50	57.16	3.34	NM	3625.21	3567.22	2.36
MW-9	03/23/2021	62.18	57.42	4.76	NM	3625.21	3566.60	-0.61
MW-9	06/29/2021	62.57	57.75	4.82	NM	3625.21	3566.26	-0.96
MW-9	06/29/2021	62.28	57.60	4.68	NM	3625.21	3566.44	0.19
MW-10	12/15/2020	NM	NM		NM	3621.07	NA	NA
MW-10	03/23/2021	54.64	51.97	2.67	NM	3621.07	3568.43	NM
MW-10	06/29/2021	55.60	52.54	3.06	NM	3621.07	3567.77	NA
MW-10	09/20/2021	54.89	52.34	2.55	NM	3621.07	3568.09	0.33
MW-12**	12/15/2020	NM	NM		NM	3626.60	NA	NA
MW-12**	03/23/2021	NM	NM		NM	3626.60	NA	NA
MW-12**	06/29/2021	NM	NM		NM	3626.60	NA	NA
MW-12**	09/20/2021	NM	NM		NM	3626.60	NA	NA

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LEA COUNTY, NEW MEXICO

Location Identification	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event(1) (feet)
MW-14	12/15/2020	54.66			NM	3621.42	3566.76	-0.34
MW-14	03/23/2021	54.87			NM	3621.42	3566.55	-0.21
MW-14	06/29/2021	55.21			63.40	3621.42	3566.21	-0.34
MW-14	09/20/2021	54.87			63.40	3621.42	3566.55	0.34
MW-15	12/15/2020	50.34			NM	3619.39	3569.05	-0.25
MW-15	03/23/2021	50.59			NM	3619.39	3568.80	-0.25
MW-15	06/29/2021	50.95			59.00	3619.39	3568.44	-0.36
MW-15	09/20/2021	50.49			59.00	3619.39	3568.90	0.46
MW-16	12/15/2020	50.29			NM	3621.87	3571.58	-0.27
MW-16	03/23/2021	50.55			NM	3621.87	3571.32	-0.26
MW-16	06/29/2021	50.90			56.40	3621.87	3570.97	-0.35
MW-16	09/20/2021	50.10			56.40	3621.87	3571.77	0.80
MW-17	12/15/2020	NM	NM		NM	3623.94	NA	NA
MW-17	03/23/2021	59.50	59.21	0.29	NM	3623.94	3564.66	NM
MW-17	06/29/2021	59.95	59.56	0.39	57.52	3623.94	3564.28	-0.38
MW-17	09/20/2021	59.82	59.68	0.14	57.52	3623.94	3564.23	-0.06
MW-18	12/15/2020	60.10			NM	3624.30	3564.20	-0.32
MW-18	03/23/2021	60.27			NM	3624.30	3564.03	-0.17
MW-18	06/29/2021	60.57			67.32	3624.30	3563.73	-0.30
MW-18	09/20/2021	60.49			67.32	3624.30	3563.81	0.08
MW-19	12/15/2020	60.55			NM	3624.12	3563.57	-0.29
MW-19	03/23/2021	60.77			NM	3624.12	3563.35	-0.22
MW-19	06/29/2021	61.05			66.40	3624.12	3563.07	-0.28
MW-19	09/20/2021	60.87			66.40	3624.12	3563.25	0.18
MW-19D	12/15/2020	60.47			NM	3623.79	3563.32	-0.22
MW-19D	03/23/2021	60.73			NM	3623.79	3563.06	-0.26
MW-19D	06/29/2021	61.03			78.45	3623.79	3562.76	-0.30
MW-19D	09/20/2021	60.81			78.45	3623.79	3562.98	0.22
MW-20	12/15/2020	58.17			NM	3621.49	3563.32	-0.28
MW-20	03/23/2021	58.37			NM	3621.49	3563.12	-0.20
MW-20	06/29/2021	58.68			60.89	3621.49	3562.81	-0.31
MW-20	09/20/2021	58.50			60.89	3621.49	3562.99	0.18
MW-21	12/15/2020	59.95			NM	3624.25	3564.30	-0.24
MW-21	03/23/2021	60.17			NM	3624.25	3564.08	-0.22
MW-21	06/29/2021	60.50			62.65	3624.25	3563.75	-0.33
MW-21	09/20/2021	60.15			62.65	3624.25	3564.10	0.35

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MW-22	12/15/2020	62.20			NM	3625.16	3562.96	NM
MW-22	03/23/2021	62.38			NM	3625.16	3562.78	NM
MW-22	06/30/2021	62.68			62.82	3625.16	3562.48	-0.30
MW-22	09/20/2021	62.51			62.85	3625.16	3562.65	0.17
MW-23	12/15/2020	54.18			NM	3621.16	3566.98	-0.24
MW-23	03/23/2021	54.45			NM	3621.16	3566.71	-0.27
MW-23	06/29/2021	54.77			57.31	3621.16	3566.39	-0.32
MW-23	09/20/2021	54.44			57.31	3621.87	3567.43	1.04
MW-24	12/15/2020	52.37			NM	3619.27	3566.90	-0.27
MW-24	03/23/2021	52.61			NM	3619.27	3566.66	-0.24
MW-24	06/29/2021	52.97			56.70	3619.27	3566.30	-0.36
MW-24	09/20/2021	52.57			56.70	3619.27	3566.70	0.40
MW-25	12/15/2020	53.34			NM	3619.73	3566.39	-0.25
MW-25	03/23/2021	53.58			NM	3619.73	3566.15	-0.24
MW-25	06/29/2021	53.92			56.75	3619.73	3565.81	-0.34
MW-25	09/20/2021	53.53			56.70	3619.73	3566.20	0.39
MW-26	12/15/2020	61.20			76.10	3625.59	3564.39	-0.14
MW-26	03/23/2021	61.38			76.10	3625.59	3564.21	-0.18
MW-26	06/29/2021	61.75			76.10	3625.59	3563.84	-0.37
MW-26	09/20/2021	61.56			76.10	3625.59	3564.03	0.19
MW-27	12/15/2020	62.45			71.90	3626.44	3563.99	-0.22
MW-27	03/23/2021	62.60			71.90	3626.44	3563.84	-0.15
MW-27	06/29/2021	62.85			71.90	3626.44	3563.59	-0.25
MW-27	09/20/2021	62.83			71.90	3626.44	3563.61	0.02
MW-28	12/15/2020	62.37			74.82	3625.41	3563.04	-0.24
MW-28	03/23/2021	62.55			74.82	3625.41	3562.86	-0.18
MW-28	06/29/2021	62.80			74.82	3625.41	3562.61	-0.25
MW-28	09/20/2021	62.67			74.82	3625.41	3562.74	0.13
MW-29	12/15/2020	61.55			76.59	3624.59	3563.04	-0.28
MW-29	03/23/2021	61.75			76.59	3624.59	3562.84	-0.20
MW-29	06/29/2021	61.98			76.59	3624.59	3562.61	-0.23
MW-29	09/20/2021	61.99			76.59	3624.59	3562.60	-0.01
TW-H	12/15/2020	53.30	51.20	2.10	NM	3622.30	3570.58	-0.04
TW-H	03/23/2021	53.28	51.53	1.75	NM	3622.30	3570.33	-0.24
TW-H	06/29/2021	53.62	51.86	1.76	NM	3622.30	3570.00	-0.33
TW-H	09/20/2021	53.45	51.70	1.75	NM	3622.30	3570.16	0.16

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LEA COUNTY, NEW MEXICO

Location Identification	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event(1) (feet)
TW-K***	12/15/2020	NM	NM		62.15	3628.95	NA	NA
TW-K***	03/23/2021	NM	NM		62.15	3628.95	NA	NA
TW-K***	06/29/2021	NM	NM		62.15	3628.95	NA	NA
TW-K***	09/20/2021	62.12	NM		62.12	3626.60	3564.48	NA
TW-N	03/24/2016	59.18	56.55	2.63	59.24	3631.98	3574.77	NA
TW-N	09/10/2018	Well not located - presumed destroyed						
TW-Q	06/03/2014	NM	NM	NM	NM	NM	NA	NA
TW-Q	09/24/2014	Well not located - presumed destroyed						
TW-T	03/24/2016	61.55	60.10	1.45	61.60	NM	NA	NA
TW-T	09/28/2016	Well not located - presumed destroyed						
TW-T-R	12/15/2020	NM	NM		76.53	3625.90	NA	NA
TW-T-R	03/23/2021	NM	NM		76.53	3625.90	NA	NA
TW-T-R	06/29/2021	NM	NM		76.53	3625.90	NA	NA
TW-T-R	09/20/2021	Well not located - presumed destroyed						
TW-U	12/15/2020	63.20			63.98	3628.67	3565.47	NA
TW-U	03/23/2021	63.43			63.98	3628.67	3565.24	0.23
TW-U	06/29/2021	64.10	63.72	0.38	63.98	3628.67	3564.86	0.39
TW-U	09/20/2021	63.68			62.12	3628.67	3564.99	-0.14
TW-V	12/15/2020	DRY			NM	3628.54	DRY	NA
TW-V	03/23/2021	DRY			NM	3628.54	DRY	NA
TW-V	06/29/2021	DRY			NM	3628.54	DRY	NA
TW-V	09/20/2021	DRY			NM	3628.54	DRY	NA
TW-W	12/15/2020	60.65			NM	3626.88	3566.23	0.13
TW-W	03/23/2021	60.72			NM	3626.88	3566.16	-0.07
TW-W	06/29/2021	61.89	61.15	0.74	NM	3626.88	3565.55	-0.62
TW-W	09/20/2021	61.93	61.16	0.77	62.12	3626.88	3565.53	0.02
							Average change in groundwater elevation (6/29/2021 to 9/20/2021)	0.23

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
* Groundwater elevation was corrected for product thickness using the following calculation, when applicable:
** Monitoring well MW-12 has an active Spill Buster automatic LNAPL recovery pump installed. As such, the calculated groundwater elevations may not be representative of actual groundwater elevations within the well.
***No groundwater was present in well, Free Phase Hydrocarbon Thickness was measured in feet from Depth to Product (DTP) to TD.

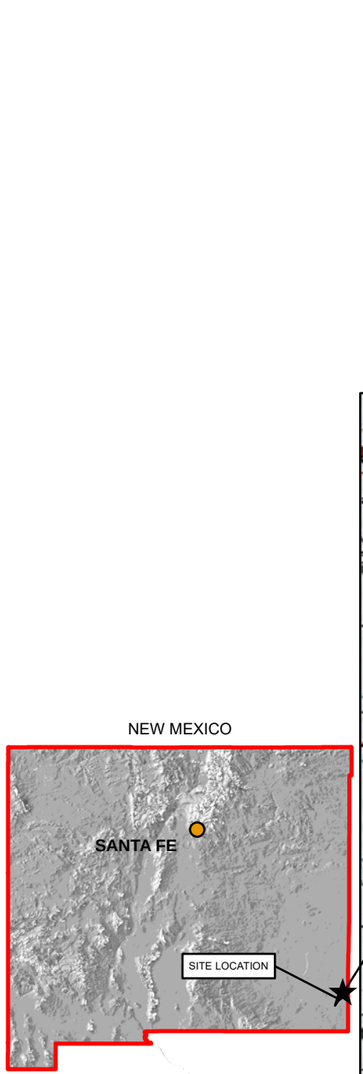
TABLE 2
THIRD QUARTER 2021
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

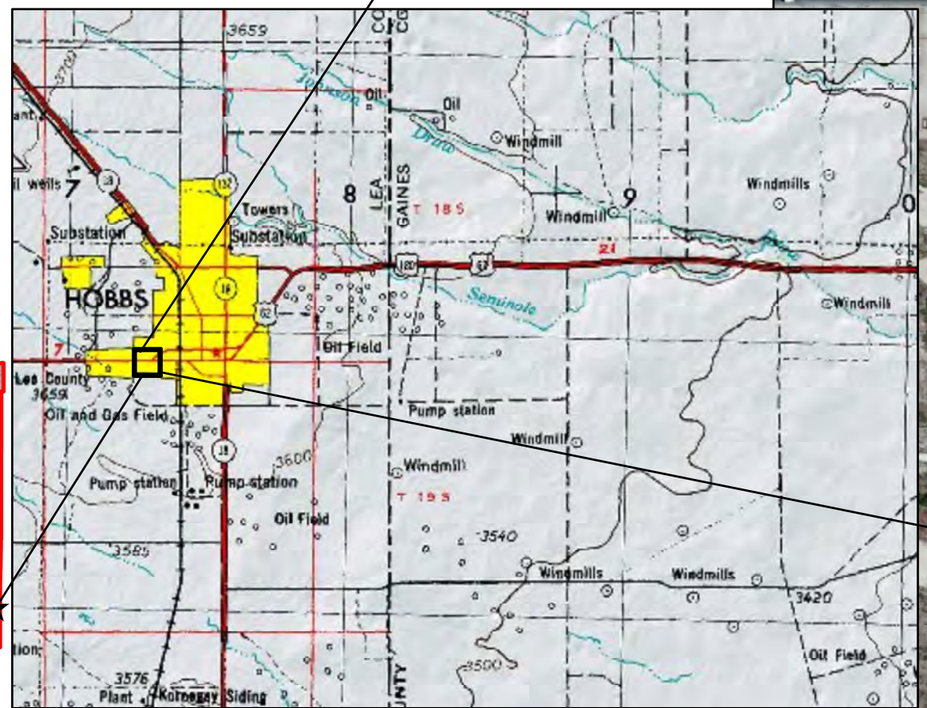
Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	
MW-1	09/20/2021	Sampled Annualy - Historical LNAPL Present				
MW-2	09/20/2021	Sampled Annualy - Historical LNAPL Present				
MW-3	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-5	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-6	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-7	09/20/2021	DRY				
MW-9	09/20/2021	Sampled Annualy - Historical LNAPL Present				
MW-10	09/20/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-12	09/20/2021	NS	NS	NS	NS	Spill Buster in Well
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-15	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-17	09/20/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-18	09/21/2021	0.00294	<0.00100	<0.00100	<0.00300	
MW-19	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19D	09/21/2021	**0.673**	<0.00500	0.133	0.00221 J	Duplicate B sample collected
MW-19D (Duplicate)	09/21/2021	**0.673**	<0.00500	0.151	0.00251 J	
MW-20	09/20/2021	0.0000970 J	<0.00100	<0.00100	<0.00300	
MW-21	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	09/20/2021	NS	NS	NS	NS	Insufficient Volume
MW-23	09/21/2021	**0.0947**	0.000403 J	0.0383	0.0109	
MW-24	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-26	09/20/2021	NS	NS	NS	NS	
MW-27	09/20/2021	0.0000970 J	<0.00100	<0.00100	<0.00300	
MW-28	09/20/2021	0.00412	<0.00100	0.00189	0.000549 J	
MW-29	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	09/21/2021	0.000228 J	<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).
mg/L = milligrams per liter

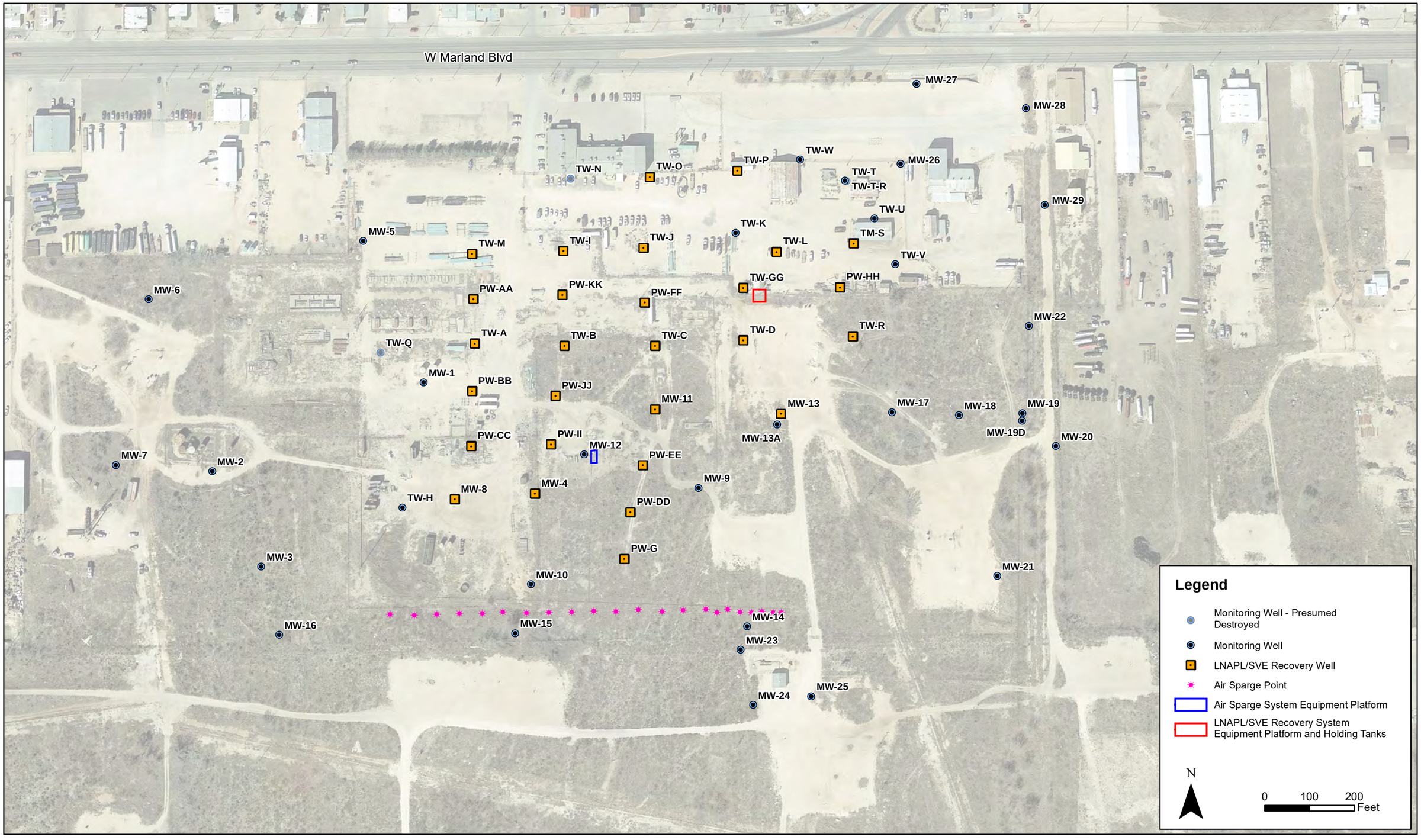
Figures

N

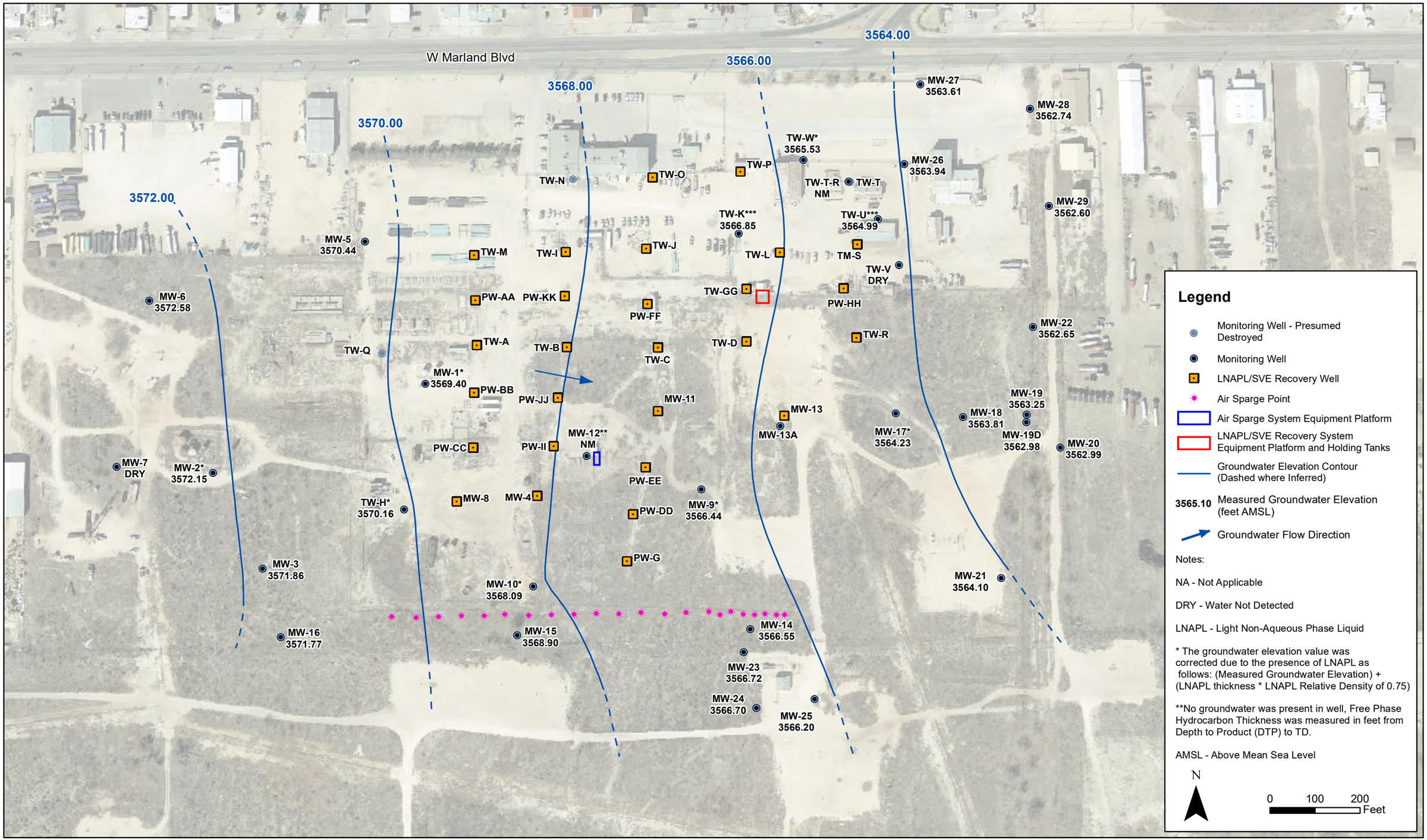




DATE: April 2015 DESIGNED BY: T. Johansen DRAWN BY: D. Arnold	TASMAN GEOSCIENCES Tasman Geosciences, Inc. 6899 Pecos Street - Unit C Denver, CO 80221	**DCP Midstream** **Hobbs Booster Station** Units C and D, Section 4, Township 19 South, Range 38 East Lea County, New Mexico	Site Location Map	Figure 1



DATE: December 2019 DESIGNED BY: B.Humphrey DRAWN BY: J. Clonts	TASMAN GEOSCIENCES **Tasman Geosciences, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**DCP Midstream** **Hobbs Booster Station** Third Quarter 2021 Groundwater Monitoring Summary Report	Site Map with Monitoring Well Locations	Figure 2



Legend

- Monitoring Well - Presumed Destroyed
- Monitoring Well
- LNAPL/SVE Recovery Well
- Air Sparge Point
- Air Sparge System Equipment Platform
- LNAPL/SVE Recovery System Equipment Platform and Holding Tanks
- Groundwater Elevation Contour (Dashed where Inferred)
- 3565.10 Measured Groundwater Elevation (feet AMSL)
- Groundwater Flow Direction

Notes:

NA - Not Applicable

DRY - Water Not Detected

LNAPL - Light Non-Aqueous Phase Liquid

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

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

AMSL - Above Mean Sea Level

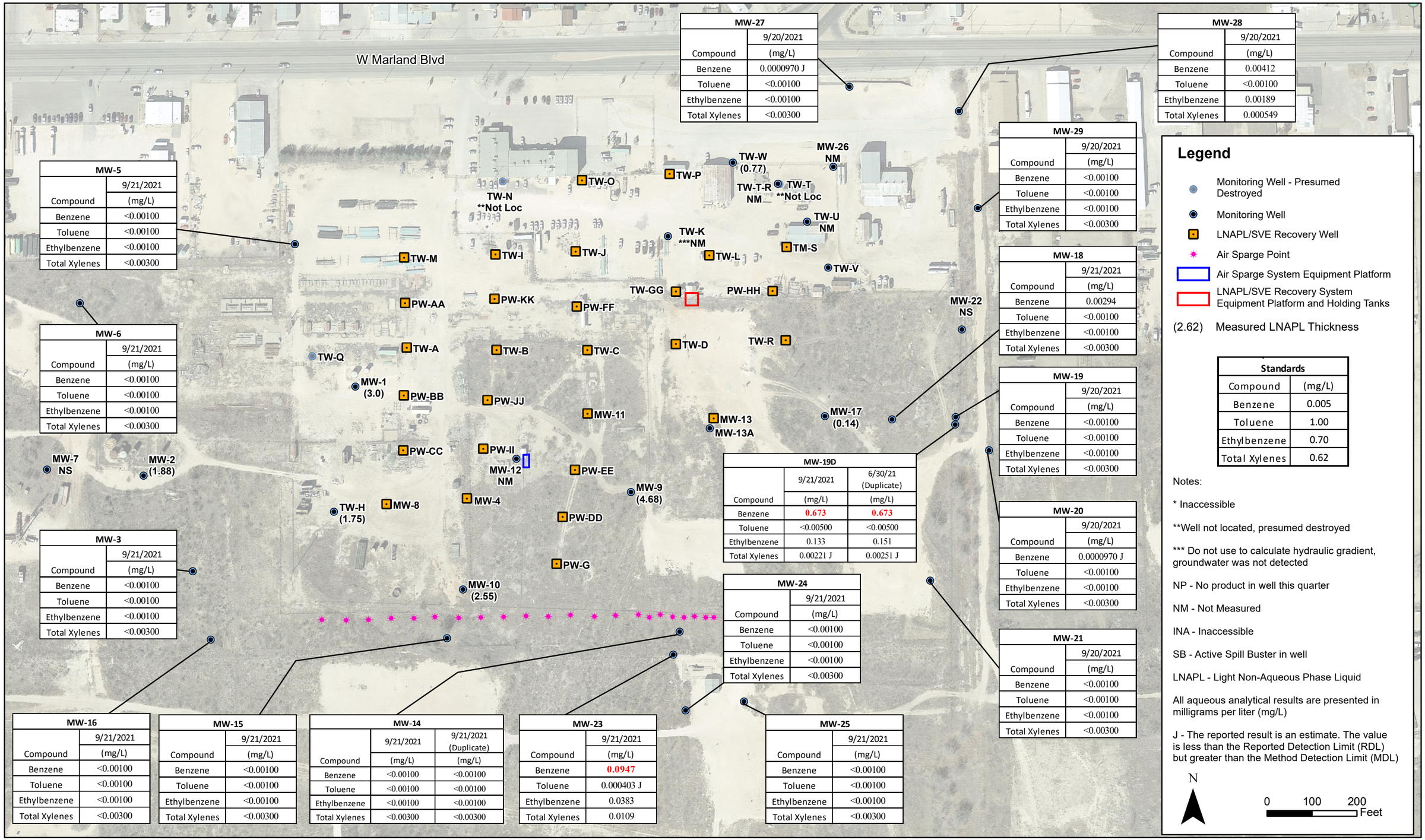
N

0 100 200 Feet

DATE: November 2021 DESIGNED BY: B.Humphrey DRAWN BY: C. Ambler	TASMAN GEOSCIENCES Tasman Geosciences, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Midstream** **Hobbs Booster Station** Third Quarter 2021 Groundwater Monitoring Summary Report	Groundwater Elevation Contour Map (September 20, 2021)	Figure 3

Released to Imaging: 3/27/2023 10:59:00 AM

Received by OCD: 1/19/2023 6:38:10 AM



MW-27	
	9/20/2021
Compound	(mg/L)
Benzene	0.0000970 J
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-28	
	9/20/2021
Compound	(mg/L)
Benzene	0.00412
Toluene	<0.00100
Ethylbenzene	0.00189
Total Xylenes	0.000549

MW-29	
	9/20/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-5	
	9/21/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-18	
	9/21/2021
Compound	(mg/L)
Benzene	0.00294
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-6	
	9/21/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-19	
	9/20/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-19D		
	9/21/2021	6/30/21 (Duplicate)
Compound	(mg/L)	(mg/L)
Benzene	**0.673**	**0.673**
Toluene	<0.00500	<0.00500
Ethylbenzene	0.133	0.151
Total Xylenes	0.00221 J	0.00251 J

MW-20	
	9/20/2021
Compound	(mg/L)
Benzene	0.0000970 J
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-3	
	9/21/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-24	
	9/21/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-21	
	9/20/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-16	
	9/21/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-15	
	9/21/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-14		
	9/21/2021	9/21/2021 (Duplicate)
Compound	(mg/L)	(mg/L)
Benzene	<0.00100	<0.00100
Toluene	<0.00100	<0.00100
Ethylbenzene	<0.00100	<0.00100
Total Xylenes	<0.00300	<0.00300

MW-23	
	9/21/2021
Compound	(mg/L)
Benzene	**0.0947**
Toluene	0.000403 J
Ethylbenzene	0.0383
Total Xylenes	0.0109

MW-25	
	9/21/2021
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

Legend

- Monitoring Well - Presumed Destroyed
- 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

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

Notes:

* Inaccessible

**Well not located, presumed destroyed

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

NP - No product in well this quarter

NM - Not Measured

INA - Inaccessible

SB - Active Spill Buster in well

LNAPL - Light Non-Aqueous Phase Liquid

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

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

N

0 100 200 Feet

DATE: November 2021

DESIGNED BY: B.Humphrey

DRAWN BY: C. Ambler

TASMAN GEOSCIENCES

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

DCP Midstream
Hobbs Booster Station
Third Quarter 2021 Groundwater Monitoring Summary Report

Analytical Results Map
(September 21, 2021)

Figure
4

Appendix A

Historical Analytical Results

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-1	09/15/2005	**0.017**	<0.002	0.047	0.066	
MW-1	09/24/2014	LNAPL				Annual Event
MW-1	09/01/2015	LNAPL				Annual Event
MW-1	09/28/2016	LNAPL				Annual Event
MW-1	09/26/2017	LNAPL				Annual Event
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 Annualy - Historical LNAPL Present				
MW-1	03/23/2021	Sampled Annualy - Historical LNAPL Present				
MW-1	06/29/2021	Sampled Annualy - Historical LNAPL Present				
MW-1	09/20/2021	Sampled Annualy - Historical LNAPL Present				
MW-2	09/24/2014	LNAPL				Annual Event
MW-2	09/01/2015	LNAPL				Annual Event
MW-2	09/29/2016	LNAPL				Annual Event
MW-2	09/26/2017	LNAPL				Annual Event
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 Annualy - Historical LNAPL Present				
MW-2	03/23/2021	Sampled Annualy - Historical LNAPL Present				
MW-2	06/29/2021	Sampled Annualy - Historical LNAPL Present				
MW-2	09/20/2021	Sampled Annualy - Historical LNAPL Present				
MW-3	09/14/2005	0.0025	<0.002	0.24	0.17	
MW-3	06/21/2006	0.0018	<0.002	0.14	0.089	
MW-3	06/27/2007	0.0012	<0.002	0.207	0.0977	
MW-3	09/21/2009	<0.002	<0.002	0.0123	0.0031	
MW-3	09/14/2010	<0.001	<0.002	0.0134	-	
MW-3	03/29/2011	NS	NS	NS	NS	
MW-3	09/16/2011	<0.001	<0.002	0.0246	0.0135	
MW-3	12/06/2011	NS	NS	NS	NS	
MW-3	03/09/2012	<0.001	<0.002	0.0019	<0.004	
MW-3	06/06/2012	NS	NS	NS	NS	
MW-3	09/06/2012	<0.001	<0.002	0.0022	0.0023	
MW-3	12/05/2012	NS	NS	NS	NS	
MW-3	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-3	06/03/2013	NS	NS	NS	NS	
MW-3	09/10/2013	<0.001	<0.002	0.0023	<0.003	
MW-3	12/02/2013	NS	NS	NS	NS	
MW-3	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-3	09/01/2015	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-3	09/29/2016	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-3	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-3	12/15/2020	NS	NS	NS	NS	
MW-3	03/23/2021	NS	NS	NS	NS	
MW-3	06/29/2021	NS	NS	NS	NS	
MW-3	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
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	

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

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

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-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	09/10/2013	DRY				Annual Event
MW-7	09/22/2014	DRY				Annual Event
MW-7	09/01/2015	DRY				Annual Event
MW-7	09/28/2016	DRY				Annual Event
MW-7	09/26/2017	DRY				Annual Event
MW-7	09/11/2018	DRY				Annual Event
MW-7	09/24/2019	DRY				Annual Event
MW-7	09/23/2020	DRY				Annual Event
MW-7	12/15/2020	DRY				
MW-7	03/23/2021	DRY				
MW-7	06/29/2021	DRY				
MW-7	09/20/2021	DRY				
MW-9	09/24/2014	LNAPL				Annual Event
MW-9	09/01/2015	LNAPL				Annual Event
MW-9	09/28/2016	LNAPL				Annual Event
MW-9	09/26/2017	LNAPL				Annual Event
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 Annualy - Historical LNAPL Present				
MW-9	03/23/2021	Sampled Annualy - Historical LNAPL Present				
MW-9	06/29/2021	Sampled Annualy - Historical LNAPL Present				
MW-9	09/20/2021	Sampled Annualy - Historical LNAPL Present				
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	09/24/2014	LNAPL				Annual Event
MW-10	09/01/2015	LNAPL				Annual Event
MW-10	09/28/2016	LNAPL				Annual Event
MW-10	09/26/2017	LNAPL				Annual Event
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

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

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

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

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

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

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-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-17	09/24/2014	LNAPL				Annual Event
MW-17	09/01/2015	LNAPL				Annual Event
MW-17	09/28/2016	LNAPL				Annual Event
MW-17	09/26/2017	LNAPL				Annual Event
MW-17	09/11/2018	LNAPL				Annual Event
MW-17	09/24/2019	LNAPL				Annual Event
MW-17	09/23/2020	Not Measured				Passive Bailer in Well
MW-17	12/15/2020	Not Measured				Passive Bailer in Well
MW-17	03/23/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-17	06/29/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-17	09/20/2021	NS	NS	NS	NS	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	09/24/2014	LNAPL				Annual Event
MW-18	09/01/2015	LNAPL				Annual Event
MW-18	09/28/2016	LNAPL				Annual Event
MW-18	09/26/2017	LNAPL				Annual Event
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	NS	NS	NS	NS	
MW-18	03/23/2021	NS	NS	NS	NS	
MW-18	06/29/2021	NS	NS	NS	NS	
MW-18	09/21/2021	0.00294	<0.00100	<0.00100	<0.00300	
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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-19	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-19	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	03/09/2010	0.0009	<0.002	<1.0	-	
MW-19	06/14/2010	0.00051	<0.002	<0.30	-	
MW-19	09/14/2010	0.00036	<0.002	<0.002	-	
MW-19	12/07/2010	<0.001	<0.002	0.00068	-	
MW-19	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-19	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-19	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-19	09/23/2014	<0.001	<0.001	<0.001	<0.001	
MW-19	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-19	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-19	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
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-19S	09/27/2006	<0.23	<0.54	<0.48	<1.1	
MW-19S	Well Not On Sampling Plan					

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-19D	03/23/2005	0.00073	<0.002	<0.002	<0.006	
MW-19D	06/08/2005	0.0011	0.0012	<0.002	<0.006	
MW-19D	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-19D	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-19D	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-19D	06/21/2006	0.0011	<0.002	<0.002	<0.006	
MW-19D	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-19D	12/20/2006	0.0018	<0.002	0.00074	<0.006	
MW-19D	03/29/2007	0.0007	<0.002	<0.002	<0.006	
MW-19D	06/27/2007	0.00074	<0.002	<0.002	<0.006	
MW-19D	09/06/2007	0.00072	<0.002	<0.002	<0.006	
MW-19D	11/28/2007	0.00093	<0.002	<0.002	<0.006	
MW-19D	03/06/2008	0.001	<0.002	<0.002	<0.006	
MW-19D	12/02/2008	0.0016	<0.002	<0.002	<0.006	
MW-19D	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-19D	05/26/2009	0.00074	<0.002	<0.002	<0.006	
MW-19D	09/21/2009	0.0011	<0.002	<0.002	<0.006	
MW-19D	12/20/2009	0.0009	<0.002	<0.002	<0.006	
MW-19D	03/09/2010	0.0009	<0.002	<0.002	-	
MW-19D	06/14/2010	0.00037	<0.002	<0.002	-	
MW-19D	09/14/2010	0.00086	<0.002	<0.002	-	
MW-19D	12/07/2010	0.00085	<0.002	<0.002	-	
MW-19D	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19D	06/21/2011	.0006 J	<0.002	<0.002	<0.004	
MW-19D	09/15/2011	0.0014	<0.002	<0.002	<0.004	
MW-19D	12/06/2011	0.0015	<0.002	<0.002	<0.004	
MW-19D	03/09/2012	0.0015	<0.002	<0.002	<0.004	Duplicate-2 sample collected
MW-19D	06/06/2012	0.00079	<0.002	<0.002	<0.003	
MW-19D	09/06/2012	0.00072	<0.002	<0.002	<0.003	Duplicate-2 sample collected
MW-19D	12/05/2012	0.003	<0.002	0.00069	<0.003	
MW-19D	02/19/2013	0.0086	<0.002	0.0045	<0.003	Duplicate B sample collected
MW-19D	06/03/2013	0.00073	<0.002	0.0064	<0.003	
MW-19D	09/10/2013	0.00054	<0.002	0.00087	<0.003	Duplicate B sample collected
MW-19D	12/02/2013	0.00057	<0.002	<0.002	<0.003	
MW-19D	02/27/2014	0.00059 J	<0.002	<0.002	<0.003	
MW-19D	06/03/2014	0.0022	<0.002	<0.002	<0.003	
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	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-19D	06/05/2019	**0.0792**	<0.0010	0.0198	<0.0030	
MW-19D	09/25/2019	**0.732**	0.00623	0.105	0.00659 J	
MW-19D (Duplicate)	09/25/2019	**0.156**	<0.0010	0.0239	<0.0030	Duplicate B sample collected
MW-19D	12/16/2019	**0.0129**	<0.0010	0.00759	<0.0030	
MW-19D	06/17/2020	0.00318	<0.0010	0.00169	0.000256 J	
MW-19D	09/23/2020	**0.302**	<0.00100	0.0441	0.000924 J	Duplicate B sample collected
MW-19D (Duplicate)	09/23/2020	**0.282**	<0.00100	0.0442	0.000849 J	
MW-19D	12/15/2020	**0.316**	<0.00100	0.0466	0.000605 J	
MW-19D	03/23/2021	**0.539**	<0.0100	0.112	0.00237 J	
MW-19D (Duplicate)	03/23/2021	**0.542**	<0.0100	0.112	<0.0300	Duplicate B sample collected
MW-19D	06/30/2021	**0.514**	<0.0100	0.123	0.00237 J	
MW-19D (Duplicate)	06/30/2021	**0.609**	<0.0100	0.0970 J	<0.0300	Duplicate B sample collected
MW-19D	09/21/2021	**0.673**	<0.00500	0.133	0.00221 J	Duplicate B sample collected
MW-19D (Duplicate)	09/21/2021	**0.673**	<0.00500	0.151	0.00251 J	
MW-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	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-20	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/29/2016	0.0013	<0.0010	<0.0010	<0.0030	
MW-20	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/18/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/23/2020	0.000116 J	<0.00100	<0.00100	<0.00300	
MW-20	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	09/20/2021	0.0000970 J	<0.00100	<0.00100	<0.00300	
MW-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	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-21	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-21	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-21	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-21	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-21	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	09/26/2017	<0.0010	<0.0010	0.00101	0.00743	
MW-21	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/17/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	03/23/2021	<0.00100	<0.00100	<0.00100	0.000230 J	
MW-21	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-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	

APPENDIX A
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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-22	12/06/2011	0.0028	<0.002	<0.002	<0.004	
MW-22	03/09/2012	0.0034	<0.002	0.00046	<0.004	
MW-22	06/06/2012	0.0031	<0.002	0.00045	<0.003	
MW-22	09/06/2012	0.0021	<0.002	<0.002	<0.003	
MW-22	12/05/2012	0.0033	<0.002	0.00055	0.0031	
MW-22	02/19/2013	0.0046	<0.002	0.0011	0.0043	
MW-22	06/03/2013	0.0054	<0.002	0.001	0.0046	
MW-22	09/10/2013	0.0097	<0.002	0.0029	0.0058	
MW-22	12/02/2013	0.0087	<0.002	0.00084	0.0054	
MW-22	02/27/2014	**0.0122**	<0.002	0.00088 J	0.0061	
MW-22	06/03/2014	**0.0245**	<0.002	0.0010 J	0.0055	
MW-22	09/23/2014	**0.0626**	<0.001	0.0019	0.0092	Duplicate B Sample Collected
MW-22 (Duplicate)	09/23/2014	**0.062**	<0.001	0.0029	0.0086	
MW-22	12/03/2014	**0.0764**	<0.001	0.0015	0.0089	
MW-22	02/25/2015	**0.092**	<0.001	<0.001	0.0084	
MW-22	06/03/2015	**0.11**	<0.001	<0.001	0.0067	
MW-22	09/01/2015	**0.13**	<0.001	<0.001	0.0063	
MW-22	12/17/2015	**0.13**	<0.001	0.0015	0.0063	
MW-22	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/29/2016	0.0015	<0.0010	<0.0010	<0.0030	
MW-22	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-22	03/09/2017	**0.25**	<0.0010	0.01	0.0048	
MW-22	06/21/2017	**0.14**	<0.0010	0.0064	0.0038	
MW-22	09/26/2017	<0.0050	<0.0050	<0.0050	<0.0150	
MW-22	12/20/2017	0.000987 J	<0.0010	<0.0010	<0.0030	
MW-22	03/13/2018	**0.109**	<0.0010	0.013	0.00168 J	
MW-22	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/11/2018	<0.0010	<0.0010	0.000433 J	<0.0030	
MW-22	12/27/2018	**0.0248**	<0.0010	0.00642	<0.0030	
MW-22	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	06/05/2019	**0.0228**	<0.0010	0.00968	0.00125 J	
MW-22	09/25/2019	0.00971	<0.0010	0.0875	0.00678	
MW-22	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	06/17/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	12/15/2020	NS	NS	NS	NS	Insufficient Volume
MW-22	03/23/2021	NS	NS	NS	NS	Insufficient Volume
MW-22	06/30/2021	0.000515 J	<0.00100	0.00180	0.00164 J	
MW-22	09/20/2021	NS	NS	NS	NS	Insufficient 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	

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

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-24	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-24	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-24	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-24	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-24	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-24	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-24	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-24	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/27/2018	0.000463 J	<0.0010	<0.0010	<0.0030	
MW-24	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-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	03/19/2008	0.0012	0.0015	<0.00045	<0.0014	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-25	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-25	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-25	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-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-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-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-29	06/06/2019	0.00902	<0.0010	0.000403 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)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-29	09/25/2019	**0.0253**	<0.0010	<0.0010	<0.0030	
MW-29	12/16/2019	**0.0507**	<0.0010	0.00180	<0.0030	
MW-29	06/18/2020	0.00168	<0.0010	<0.0010	<0.0030	
MW-29	09/23/2020	**0.103**	<0.00100	0.00732	0.00514	
MW-29	12/15/2020	**0.144**	<0.00100	0.00193	0.00264 J	
MW-29	03/23/2021	**0.282**	0.000392 J	0.0193	0.0233	
MW-29	06/29/2021	**0.0735**	0.000392 J	0.00176	0.00250 J	
MW-29	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
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	

Notes:

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

NMWQCC = New Mexico Water Quality Control Commission

LNAPL = Light Non-Aqueous Phase Liquid

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

NS = Not Sampled

NM - Not Measured

mg/L = milligrams per liter

Appendix B

Laboratory Analytical Report

- Pace Job #: L1407418

ANALYTICAL REPORT

October 11, 2021

DCP Midstream - Tasman

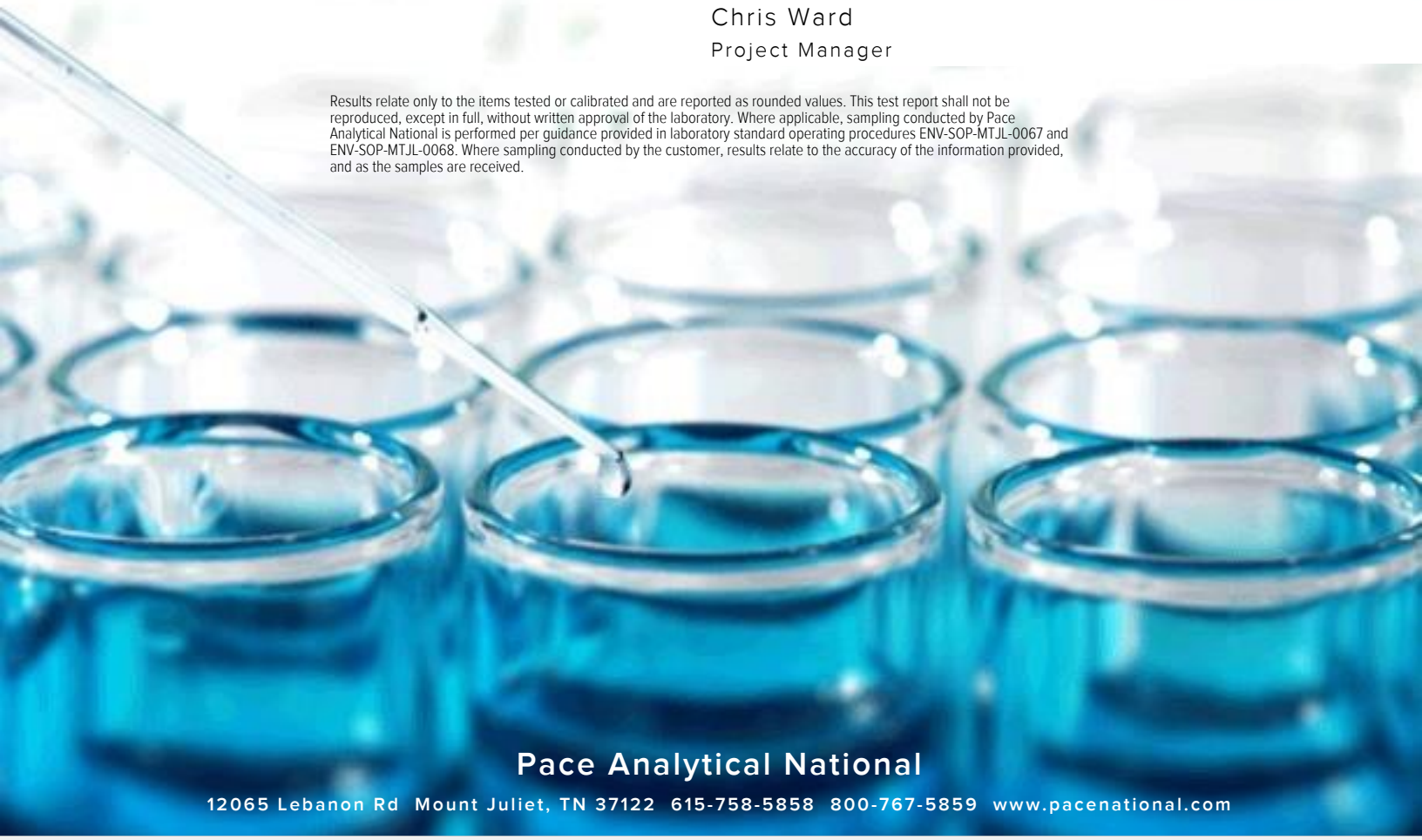
Sample Delivery Group:	L1407418
Samples Received:	09/22/2021
Project Number:	
Description:	Former Hobbs Booster Station

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

Entire Report Reviewed By: Chris Ward

Chris Ward
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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

TABLE OF CONTENTS

MW-3 L1407418-01 GW

Collected by: Becky Griffin | Collected date/time: 09/21/21 12:00 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1745665	1	09/24/21 02:33	09/24/21 02:33	JAH	Mt. Juliet, TN

MW-5 L1407418-02 GW

Collected by: Becky Griffin | Collected date/time: 09/21/21 13:45 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1745665	1	09/24/21 02:55	09/24/21 02:55	JAH	Mt. Juliet, TN

MW-6 L1407418-03 GW

Collected by: Becky Griffin | Collected date/time: 09/21/21 13:15 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746115	1	09/25/21 13:51	09/25/21 13:51	ADM	Mt. Juliet, TN

MW-14 L1407418-04 GW

Collected by: Becky Griffin | Collected date/time: 09/21/21 09:20 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746115	1	09/25/21 14:12	09/25/21 14:12	ADM	Mt. Juliet, TN

MW-15 L1407418-05 GW

Collected by: Becky Griffin | Collected date/time: 09/21/21 10:55 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746115	1	09/25/21 14:33	09/25/21 14:33	ADM	Mt. Juliet, TN

MW-16 L1407418-06 GW

Collected by: Becky Griffin | Collected date/time: 09/21/21 11:30 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746115	1	09/25/21 14:54	09/25/21 14:54	ADM	Mt. Juliet, TN

MW-18 L1407418-07 GW

Collected by: Becky Griffin | Collected date/time: 09/21/21 08:35 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746115	1	09/25/21 15:15	09/25/21 15:15	ADM	Mt. Juliet, TN

MW-19 L1407418-08 GW

Collected by: Becky Griffin | Collected date/time: 09/20/21 10:00 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746115	1	09/25/21 15:36	09/25/21 15:36	ADM	Mt. Juliet, TN

MW-19D L1407418-09 GW

Collected by: Becky Griffin | Collected date/time: 09/21/21 08:15 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746289	5	09/24/21 20:30	09/24/21 20:30	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1751183	25	10/04/21 18:25	10/04/21 18:25	BMB	Mt. Juliet, TN

MW-20 L1407418-10 GW

Collected by: Becky Griffin | Collected date/time: 09/20/21 09:35 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746289	1	09/24/21 17:37	09/24/21 17:37	BMB	Mt. Juliet, TN

MW-21 L1407418-11 GW

Collected by: Becky Griffin | Collected date/time: 09/20/21 10:25 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746289	1	09/24/21 17:57	09/24/21 17:57	BMB	Mt. Juliet, TN

MW-23 L1407418-12 GW

Collected by: Becky Griffin | Collected date/time: 09/21/21 09:00 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746289	1	09/24/21 18:16	09/24/21 18:16	BMB	Mt. Juliet, TN

MW-24 L1407418-13 GW

Collected by: Becky Griffin | Collected date/time: 09/21/21 10:05 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746289	1	09/24/21 18:35	09/24/21 18:35	BMB	Mt. Juliet, TN

MW-25 L1407418-14 GW

Collected by: Becky Griffin | Collected date/time: 09/21/21 09:45 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746289	1	09/24/21 18:55	09/24/21 18:55	BMB	Mt. Juliet, TN

MW-27 L1407418-15 GW

Collected by: Becky Griffin | Collected date/time: 09/20/21 08:35 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746289	1	09/24/21 19:14	09/24/21 19:14	BMB	Mt. Juliet, TN

MW-28 L1407418-16 GW

Collected by: Becky Griffin | Collected date/time: 09/20/21 08:55 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746289	1	09/24/21 19:33	09/24/21 19:33	BMB	Mt. Juliet, TN

MW-29 L1407418-17 GW

Collected by: Becky Griffin | Collected date/time: 09/20/21 09:15 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746289	1	09/24/21 19:52	09/24/21 19:52	BMB	Mt. Juliet, TN

DUPLICATE A L1407418-18 GW

Collected by: Becky Griffin | Collected date/time: 09/21/21 00:00 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746289	1	09/24/21 20:11	09/24/21 20:11	BMB	Mt. Juliet, TN

DUPLICATE B L1407418-19 GW

Collected by: Becky Griffin | Collected date/time: 09/21/21 00:00 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746289	5	09/24/21 20:49	09/24/21 20:49	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1751183	25	10/04/21 18:45	10/04/21 18:45	BMB	Mt. Juliet, TN

TRIP BLANK L1407418-20 GW

Collected by: Becky Griffin | Collected date/time: 09/21/21 15:00 | Received date/time: 09/22/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1746289	1	09/24/21 17:18	09/24/21 17:18	BMB	Mt. Juliet, TN

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

Chris Ward
Project Manager

Received by OCD: 1/19/2023 6:38:10 AM

MW-3
Collected date/time: 09/21/21 12:00
L1407418

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	09/24/2021 02:33	WG1745665
Toluene	U		0.000278	0.00100	1	09/24/2021 02:33	WG1745665
Ethylbenzene	U		0.000137	0.00100	1	09/24/2021 02:33	WG1745665
Total Xylenes	U		0.000174	0.00300	1	09/24/2021 02:33	WG1745665
(S) Toluene-d8	*92.1*			*80.0-120*		*09/24/2021 02:33*	WG1745665
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*		*09/24/2021 02:33*	WG1745665
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*		*09/24/2021 02:33*	WG1745665

Released to Imaging: 3/27/2023 10:59:00 AM

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	09/24/2021 02:55	WG1745665
Toluene	U		0.000278	0.00100	1	09/24/2021 02:55	WG1745665
Ethylbenzene	U		0.000137	0.00100	1	09/24/2021 02:55	WG1745665
Total Xylenes	U		0.000174	0.00300	1	09/24/2021 02:55	WG1745665
(S) Toluene-d8	*95.0*			*80.0-120*		*09/24/2021 02:55*	WG1745665
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*09/24/2021 02:55*	WG1745665
(S) 1,2-Dichloroethane-d4	*96.0*			*70.0-130*		*09/24/2021 02:55*	WG1745665

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	09/25/2021 13:51	WG1746115
Toluene	U		0.000278	0.00100	1	09/25/2021 13:51	WG1746115
Ethylbenzene	U		0.000137	0.00100	1	09/25/2021 13:51	WG1746115
Total Xylenes	U		0.000174	0.00300	1	09/25/2021 13:51	WG1746115
(S) Toluene-d8	*102*			*80.0-120*		*09/25/2021 13:51*	WG1746115
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*09/25/2021 13:51*	WG1746115
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*09/25/2021 13:51*	WG1746115

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	09/25/2021 14:12	WG1746115
Toluene	U		0.000278	0.00100	1	09/25/2021 14:12	WG1746115
Ethylbenzene	U		0.000137	0.00100	1	09/25/2021 14:12	WG1746115
Total Xylenes	U		0.000174	0.00300	1	09/25/2021 14:12	WG1746115
(S) Toluene-d8	*106*			*80.0-120*		*09/25/2021 14:12*	WG1746115
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*09/25/2021 14:12*	WG1746115
(S) 1,2-Dichloroethane-d4	*92.3*			*70.0-130*		*09/25/2021 14:12*	WG1746115

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	09/25/2021 14:33	WG1746115
Toluene	U		0.000278	0.00100	1	09/25/2021 14:33	WG1746115
Ethylbenzene	U		0.000137	0.00100	1	09/25/2021 14:33	WG1746115
Total Xylenes	U		0.000174	0.00300	1	09/25/2021 14:33	WG1746115
(S) Toluene-d8	*100*			*80.0-120*		*09/25/2021 14:33*	WG1746115
(S) 4-Bromofluorobenzene	*97.6*			*77.0-126*		*09/25/2021 14:33*	WG1746115
(S) 1,2-Dichloroethane-d4	*94.2*			*70.0-130*		*09/25/2021 14:33*	WG1746115

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	09/25/2021 14:54	WG1746115
Toluene	U		0.000278	0.00100	1	09/25/2021 14:54	WG1746115
Ethylbenzene	U		0.000137	0.00100	1	09/25/2021 14:54	WG1746115
Total Xylenes	U		0.000174	0.00300	1	09/25/2021 14:54	WG1746115
(S) Toluene-d8	*105*			*80.0-120*		*09/25/2021 14:54*	WG1746115
(S) 4-Bromofluorobenzene	*99.5*			*77.0-126*		*09/25/2021 14:54*	WG1746115
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*09/25/2021 14:54*	WG1746115

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	0.00294		0.0000941	0.00100	1	09/25/2021 15:15	WG1746115
Toluene	U		0.000278	0.00100	1	09/25/2021 15:15	WG1746115
Ethylbenzene	U		0.000137	0.00100	1	09/25/2021 15:15	WG1746115
Total Xylenes	U		0.000174	0.00300	1	09/25/2021 15:15	WG1746115
(S) Toluene-d8	*104*			*80.0-120*		*09/25/2021 15:15*	WG1746115
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*		*09/25/2021 15:15*	WG1746115
(S) 1,2-Dichloroethane-d4	*90.7*			*70.0-130*		*09/25/2021 15:15*	WG1746115

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	09/25/2021 15:36	WG1746115
Toluene	U		0.000278	0.00100	1	09/25/2021 15:36	WG1746115
Ethylbenzene	U		0.000137	0.00100	1	09/25/2021 15:36	WG1746115
Total Xylenes	U		0.000174	0.00300	1	09/25/2021 15:36	WG1746115
(S) Toluene-d8	*103*			*80.0-120*		*09/25/2021 15:36*	WG1746115
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*09/25/2021 15:36*	WG1746115
(S) 1,2-Dichloroethane-d4	*94.2*			*70.0-130*		*09/25/2021 15:36*	WG1746115

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	0.673		0.00235	0.0250	25	10/04/2021 18:25	WG1751183
Toluene	U		0.00139	0.00500	5	09/24/2021 20:30	WG1746289
Ethylbenzene	0.133		0.000685	0.00500	5	09/24/2021 20:30	WG1746289
Total Xylenes	0.00221	J	0.000870	0.0150	5	09/24/2021 20:30	WG1746289
(S) Toluene-d8	*105*			*80.0-120*		*09/24/2021 20:30*	WG1746289
(S) Toluene-d8	*99.2*			*80.0-120*		*10/04/2021 18:25*	WG1751183
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*09/24/2021 20:30*	WG1746289
(S) 4-Bromofluorobenzene	*92.6*			*77.0-126*		*10/04/2021 18:25*	WG1751183
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*09/24/2021 20:30*	WG1746289
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*10/04/2021 18:25*	WG1751183

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MW-20
Collected date/time: 09/20/21 09:35
L1407418

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	0.0000970	J	0.0000941	0.00100	1	09/24/2021 17:37	WG1746289
Toluene	U		0.000278	0.00100	1	09/24/2021 17:37	WG1746289
Ethylbenzene	U		0.000137	0.00100	1	09/24/2021 17:37	WG1746289
Total Xylenes	U		0.000174	0.00300	1	09/24/2021 17:37	WG1746289
(S) Toluene-d8	*108*			*80.0-120*		*09/24/2021 17:37*	WG1746289
(S) 4-Bromofluorobenzene	*97.0*			*77.0-126*		*09/24/2021 17:37*	WG1746289
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*09/24/2021 17:37*	WG1746289

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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	09/24/2021 17:57	WG1746289
Toluene	U		0.000278	0.00100	1	09/24/2021 17:57	WG1746289
Ethylbenzene	U		0.000137	0.00100	1	09/24/2021 17:57	WG1746289
Total Xylenes	U		0.000174	0.00300	1	09/24/2021 17:57	WG1746289
(S) Toluene-d8	*106*			*80.0-120*		*09/24/2021 17:57*	WG1746289
(S) 4-Bromofluorobenzene	*98.8*			*77.0-126*		*09/24/2021 17:57*	WG1746289
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*09/24/2021 17:57*	WG1746289

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	0.0947		0.0000941	0.00100	1	09/24/2021 18:16	WG1746289
Toluene	0.000403	J	0.000278	0.00100	1	09/24/2021 18:16	WG1746289
Ethylbenzene	0.0383		0.000137	0.00100	1	09/24/2021 18:16	WG1746289
Total Xylenes	0.0109		0.000174	0.00300	1	09/24/2021 18:16	WG1746289
(S) Toluene-d8	*108*			*80.0-120*		*09/24/2021 18:16*	WG1746289
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*09/24/2021 18:16*	WG1746289
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*09/24/2021 18:16*	WG1746289

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	09/24/2021 18:35	WG1746289
Toluene	U		0.000278	0.00100	1	09/24/2021 18:35	WG1746289
Ethylbenzene	U		0.000137	0.00100	1	09/24/2021 18:35	WG1746289
Total Xylenes	U		0.000174	0.00300	1	09/24/2021 18:35	WG1746289
(S) Toluene-d8	*105*			*80.0-120*		*09/24/2021 18:35*	WG1746289
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*		*09/24/2021 18:35*	WG1746289
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*09/24/2021 18:35*	WG1746289

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Collected date/time: 09/21/21 09:45
L1407418

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	09/24/2021 18:55	WG1746289
Toluene	U		0.000278	0.00100	1	09/24/2021 18:55	WG1746289
Ethylbenzene	U		0.000137	0.00100	1	09/24/2021 18:55	WG1746289
Total Xylenes	U		0.000174	0.00300	1	09/24/2021 18:55	WG1746289
(S) Toluene-d8	*108*			*80.0-120*		*09/24/2021 18:55*	WG1746289
(S) 4-Bromofluorobenzene	*99.1*			*77.0-126*		*09/24/2021 18:55*	WG1746289
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*09/24/2021 18:55*	WG1746289

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	0.0000970	J	0.0000941	0.00100	1	09/24/2021 19:14	WG1746289
Toluene	U		0.000278	0.00100	1	09/24/2021 19:14	WG1746289
Ethylbenzene	U		0.000137	0.00100	1	09/24/2021 19:14	WG1746289
Total Xylenes	U		0.000174	0.00300	1	09/24/2021 19:14	WG1746289
(S) Toluene-d8	*105*			*80.0-120*		*09/24/2021 19:14*	WG1746289
(S) 4-Bromofluorobenzene	*99.5*			*77.0-126*		*09/24/2021 19:14*	WG1746289
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*09/24/2021 19:14*	WG1746289

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	0.00412		0.0000941	0.00100	1	09/24/2021 19:33	WG1746289
Toluene	U		0.000278	0.00100	1	09/24/2021 19:33	WG1746289
Ethylbenzene	0.00189		0.000137	0.00100	1	09/24/2021 19:33	WG1746289
Total Xylenes	0.000549	J	0.000174	0.00300	1	09/24/2021 19:33	WG1746289
(S) Toluene-d8	*108*			*80.0-120*		*09/24/2021 19:33*	WG1746289
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*09/24/2021 19:33*	WG1746289
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*09/24/2021 19:33*	WG1746289

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MW-23
Collected date/time: 09/20/21 09:15
L1407418

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	09/24/2021 19:52	WG1746289
Toluene	U		0.000278	0.00100	1	09/24/2021 19:52	WG1746289
Ethylbenzene	U		0.000137	0.00100	1	09/24/2021 19:52	WG1746289
Total Xylenes	U		0.000174	0.00300	1	09/24/2021 19:52	WG1746289
(S) Toluene-d8	*108*			*80.0-120*		*09/24/2021 19:52*	WG1746289
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*		*09/24/2021 19:52*	WG1746289
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*09/24/2021 19:52*	WG1746289

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

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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	09/24/2021 20:11	WG1746289
Toluene	U		0.000278	0.00100	1	09/24/2021 20:11	WG1746289
Ethylbenzene	U		0.000137	0.00100	1	09/24/2021 20:11	WG1746289
Total Xylenes	U		0.000174	0.00300	1	09/24/2021 20:11	WG1746289
(S) Toluene-d8	*105*			*80.0-120*		*09/24/2021 20:11*	WG1746289
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*09/24/2021 20:11*	WG1746289
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*09/24/2021 20:11*	WG1746289

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	0.673		0.00235	0.0250	25	10/04/2021 18:45	WG1751183
Toluene	U		0.00139	0.00500	5	09/24/2021 20:49	WG1746289
Ethylbenzene	0.151		0.000685	0.00500	5	09/24/2021 20:49	WG1746289
Total Xylenes	0.00251	J	0.000870	0.0150	5	09/24/2021 20:49	WG1746289
(S) Toluene-d8	*107*			*80.0-120*		*09/24/2021 20:49*	WG1746289
(S) Toluene-d8	*97.9*			*80.0-120*		*10/04/2021 18:45*	WG1751183
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*09/24/2021 20:49*	WG1746289
(S) 4-Bromofluorobenzene	*91.6*			*77.0-126*		*10/04/2021 18:45*	WG1751183
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*09/24/2021 20:49*	WG1746289
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*10/04/2021 18:45*	WG1751183

Received by OCD: 1/19/2023 6:38:10 AM

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Collected date/time: 09/21/21 15:00
L1407418

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	0.000228	J	0.0000941	0.00100	1	09/24/2021 17:18	WG1746289
Toluene	U		0.000278	0.00100	1	09/24/2021 17:18	WG1746289
Ethylbenzene	U		0.000137	0.00100	1	09/24/2021 17:18	WG1746289
Total Xylenes	U		0.000174	0.00300	1	09/24/2021 17:18	WG1746289
(S) Toluene-d8	*103*			*80.0-120*		*09/24/2021 17:18*	WG1746289
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*09/24/2021 17:18*	WG1746289
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*09/24/2021 17:18*	WG1746289

Released to Imaging: 3/27/2023 10:59:00 AM

Method Blank (MB)

(MB) R3708356-3 09/23/21 21:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*96.4*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*

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

(LCS) R3708356-1 09/23/21 19:42 • (LCSD) R3708356-2 09/23/21 20:03

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	0.00502	0.00494	100	98.8	70.0-123			1.61	20
Ethylbenzene	0.00500	0.00441	0.00428	88.2	85.6	79.0-123			2.99	20
Toluene	0.00500	0.00422	0.00416	84.4	83.2	79.0-120			1.43	20
Xylenes, Total	0.0150	0.0126	0.0125	84.0	83.3	79.0-123			0.797	20
(S) Toluene-d8				*94.7*	*93.7*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.8*	*93.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*98.3*	*99.7*	*70.0-130*				

Received by OCD: 1/19/2023 6:38:10 AM

Method Blank (MB)

(MB) R3711475-2 09/25/21 09:37

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*104*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.0*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*93.9*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3711475-1 09/25/21 08:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00515	103	70.0-123	
Ethylbenzene	0.00500	0.00556	111	79.0-123	
Toluene	0.00500	0.00522	104	79.0-120	
Xylenes, Total	0.0150	0.0161	107	79.0-123	
(S) Toluene-d8			*104*	*80.0-120*	
(S) 4-Bromofluorobenzene			*97.8*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*93.8*	*70.0-130*	

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Received by OCD: 4/19/2023 6:38:10 AM

Method Blank (MB)

(MB) R3712094-3 09/24/21 11:11

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.2*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*

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

(LCS) R3712094-1 09/24/21 09:37 • (LCSD) R3712094-2 09/24/21 10:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00415	0.00412	83.0	82.4	70.0-123			0.726	20
Ethylbenzene	0.00500	0.00448	0.00443	89.6	88.6	79.0-123			1.12	20
Toluene	0.00500	0.00446	0.00442	89.2	88.4	79.0-120			0.901	20
Xylenes, Total	0.0150	0.0133	0.0128	88.7	85.3	79.0-123			3.83	20
(S) Toluene-d8				*104*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*99.9*	*99.4*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*108*	*118*	*70.0-130*				

Released to Imaging: 5/2/2023 10:59:00 AM

Method Blank (MB)

(MB) R3714411-3 10/04/21 14:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
(S) Toluene-d8	*99.3*			*80.0-120*
(S) 4-Bromofluorobenzene	*91.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*

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

(LCS) R3714411-1 10/04/21 13:28 • (LCSD) R3714411-2 10/04/21 13:49

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	0.00534	0.00541	107	108	70.0-123			1.30	20
(S) Toluene-d8				*96.5*	*95.6*	*80.0-120*				
(S) 4-Bromofluorobenzene				*94.0*	*94.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*120*	*120*	*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

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

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

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

Analysis / Container / Preservative

Chain of Custody Page __ of __

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Report to: Kyle Norman

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

Project Description: Former Hobbs Booster Station

City/State Collected:

Please Circle: PT MT CT ET

Phone: 720-218-4003

Client Project #

Lab Project # DCPTASMAN-HOBBSBOOST

SDG # 1407418

L-196

Collected by (print): BECKY GRIFFIN

Site/Facility ID #

P.O. # 0000524225

Acctnum: DCPTASMAN
Template: T155790
Prelogin: P872123
PM: 824 - Chris Ward
PB: 9/13/21 [illegible]
Shipped Via: FedEX Ground

Collected by (signature): [signature]

Immediately Packed on Ice N ____ Y ✓

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

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
~~MW-1~~		~~GW~~							
~~MW-2~~		~~GW~~		mb 9/22/21					
MW-3		GW		9-21-21	1200	~~3~~ 2	X		-01
MW-5		GW		9-21-21	1345	3	X		-02
MW-6		GW		9-21-21	1315	3	X		-03
~~MW-7~~		~~GW~~							
~~MW-9~~		~~GW~~							
~~MW-10~~		~~GW~~							
~~MW-12~~		~~GW~~							
MW-14		GW		9-21-21	0920	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 # 5318 9443 1434

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 3	
[signature]	9-21-21	1500			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: A30 1.5±0=1.5 °C	Bottles Received: 59
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 9/22/21	Time: 0945

If preservation required by Login: Date/Time

Hold:

Condition: (NCF) / OK

Received by OCD: 1/19/2023 6:38:10 AM

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;bhumphrey@tasman-**

Project Description: **Former Hobbs Booster Station**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **720-218-4003**

Client Project #

Lab Project # **DCPTASMAN-HOBBSBOOST**

Collected by (print): **BECKY GRIFFIN**

Site/Facility ID #

P.O. # **0000524225**

Collected by (signature): **Becky Griffin**

Immediately Packed on Ice N ___ Y ___

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

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

V8260BTEX 40mlAmb-HCl

Chain of Custody

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SDG # **1407418**

Table #

Acctnum: **DCPTASMAN**

Template: **T155790**

Prelogin: **P872123**

PM: **824 - Chris Ward**

PB: **9/13/21 bmd**

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		9-21-21	1055	3	X		-05
MW-16		GW		9-21-21	1130	3	X		-06
~~MW-17~~		~~GW~~							
MW-18		GW		9-21-21	0835	3	X		-07
MW-19		GW		9-20-21	1000	3	X		-08
MW-19D		GW		9-21-21	0815	3	X		-09
MW-20		GW		9-20-21	0935	3	X		-10
MW-21		GW		9-20-21	1025	3	X		-11
~~MW-22~~		~~GW~~							
MW-23		GW		9-21-21	0900	3	X		-12

* 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 # 5318 9943 1434

Sample Receipt Checklist

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
Becky Griffin	9-21-21	1500			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.5+0=1.5 °C Bottles Received: 59	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Madelle Lee	Date: 9/22/21 Time: 0945	Hold: Condition: NCF / OK

Released to Imaging: 3/27/2023 10:59:00 AM

Received by OCD: 1/19/2023 6:38:10 AM

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;bhumphrey@tasman-**

Project Description: **Former Hobbs Booster Station**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **720-218-4003**

Client Project #

Lab Project # **DCPTASMAN-HOBBSBOOST**

Collected by (print): **RECKY GRIFFIN**

Site/Facility ID #

P.O. # **0000524225**

Collected by (signature): **Immediately Packed on Ice N ___ Y ✓**

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody

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SDG # 140748

Table #

Acctnum: **DCPTASMAN**

Template: **T155790**

Prelogin: **P872123**

PM: **824 - Chris Ward**

PB: 9/13/21 tcd

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		9-21-21	1005	3	X		-13
MW-25		GW		9-21-21	0945	3	X		-14
MW-27		GW		~~9-20-21 0835~~ 9-21-21	0835	3	X		-15
MW-28		GW		9-20-21	0855	3	X		-16
MW-29		GW		9-20-21	0915	3	X		-17
DUPLICATE A		GW		9-21-21		3	X		-18
DUPLICATE B		GW		9-21-21		3	X		-19
TRIP BLANK		GW		9-21-21	1500	3	X		-20

* 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 # 5318 9943 1434

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)
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No HCl / MeoH TBR

Temp: ABOT °C 1.5 to 1.5

Bottles Received: 39

Date: 9/22/21 Time: 0945

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

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Accepted for the record.
03/27/2023

NV

Fourth Quarter 2021 Groundwater Monitoring Summary Report

Hobbs Booster Station
Lea County, New Mexico
AP-114

Prepared for:

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

Prepared by:

6855 W. 119th Avenue
Broomfield, Colorado 80020

February 21, 2022

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1. Introduction

This report summarizes the remediation system activities, results of groundwater monitoring activities at the Hobbs Booster Station (Site) in Lea County, New Mexico (Figure 1). Tasman Geosciences (Tasman) performed these activities on behalf of DCP Midstream, LP (DCP). The groundwater monitoring activities described herein were conducted to monitor the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons, measure groundwater levels, obtain groundwater samples for laboratory analysis, and evaluate groundwater flow and quality conditions. Field data and laboratory analytical results from field efforts, conducted on December 13 and 14, 2021, were used to develop a groundwater elevation contour map and an analytical results map to evaluate current conditions at the Site.

2. Site Location and Background

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

The Site groundwater monitoring wells are illustrated on Figure 2. However, monitoring well TW-Q has not been able to be located since June 2014, and monitoring wells TW-N and TW-T have not been located since June and September 2016, respectively, and are presumed destroyed. TW-K, which was previously presumed destroyed, was located in the third quarter 2018. 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 fourth quarter 2021 monitoring event on December 13 and 14, 2021. 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.

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3.1 Groundwater and LNAPL Elevation Monitoring

Groundwater and LNAPL levels were measured to evaluate hydraulic characteristics and provide information regarding fluctuations in groundwater and LNAPL elevations at the Site. During the fourth quarter 2021 monitoring event, groundwater and LNAPL levels, where present, were measured at 31 monitoring well locations. Groundwater and/or LNAPL levels were unable to be collected from monitoring wells, TW-Q and TW-N, as these wells were unable to be located and/or are presumed destroyed. Monitoring well TW-T-R was found and gauged since the last sampling event. In addition, MW-12 was not gauged due to the presence of an active Spill Buster pump in the well. The passive LNAPL bailers were temporarily removed at monitoring wells MW-10 and MW-17 for gauging.

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

Groundwater and LNAPL elevations collected during the reporting period as well as historical elevations are presented in Table 1. A fourth quarter 2021 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

	Fourth Quarter 2021 (12/14/2021)
Maximum Elevation (Well ID)	3,572.45’ (MW-6)
Minimum Elevation (Well ID)	3,562.48’ (MW-22)
Average Change from Previous Monitoring Event – All Wells	-0.10 feet
Hydraulic Gradient (ft/ft) / (Well IDs)	0.0051 (MW-6 to MW-22)

LNAPL was detected in eight (8) of the monitoring wells that were gauged during the fourth quarter 2021 with thicknesses ranging between 0.15 feet in MW-17, to 4.82 feet in MW-9. Groundwater was not detected in wells MW-7 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

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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.

Fourth quarter 2021 water quality samples were collected from 14 monitoring wells on December 14, 2021. Two duplicates and a trip blank were also analyzed.

Table 2 summarizes BTEX concentrations in groundwater samples collected during the fourth quarter 2021. Analytical results are also displayed on Figure 4. Historical analytical results, up to and including the fourth quarter 2021 event, are included in Appendix A and the laboratory analytical report is included in Appendix B.

Analytical results indicate that BTEX concentrations were below the New Mexico Water Quality Control Commission (NMWQCC) standard in 11 of the 14 sampled wells. Benzene concentrations in MW-19D (0.545 mg/L in parent and Duplicate), MW-23 (0.0256 mg/L), and MW-26 (0.141 mg/L) were above the NMWQCC groundwater standard of 0.005 mg/L.

3.3 Data Quality Assurance/ Quality Control

A trip blank and two field duplicate samples (MW-14 and MW-19D) were collected during the sampling event. The data were reviewed for compliance with the analytical method and the associated quality assurance/quality control (QA/QC) procedures. All samples were analyzed using the correct analytical methods and within the correct holding times. Chain of custody forms were in order and properly executed and indicate that samples were received at the proper temperature with no headspace. All data were reported using the correct method number and reporting units. QA/QC items of note for the fourth quarter 2021 include the following:

- Benzene was not detected in MW-14 or the associated Duplicate B above the lab detection limit of 0.00100 mg/L.
- MW-19D and the associated duplicate sample exhibited benzene concentrations of 0.545 mg/L and 0.442 mg/L respectively. The calculated relative percent difference (RPD) is 20.87%, which is outside the target range of 20%.

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

4. Remediation System Performance

This section includes a description of the active remediation system at the Site along with observations and modifications to the system components during the fourth quarter 2021. 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.

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

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

4.2 Vacuum-Enhanced Extraction Observations

As discussed within the second quarter 2014 monitoring report, soil vapor extraction (SVE) was discontinued at the Site and was not re-initiated during the fourth quarter 2021.

4.3 LNAPL Recovery System Performance Evaluation

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

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

- A total volume of 118 gallons of LNAPL were recovered from the extraction wells during 2021 between February and December 2021. Measurements will be collected during the next monitoring event.
- 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 2,142 gallons of LNAPL.

Passive bailers were installed on March 14, 2019 in wells MW-10 and MW-17. Approximately 0.75 gallons of LNAPL were removed on December 13, 2021, and a total of approximately 4 gallons of LNAPL have been removed since installation in early 2019. Measurements will continue to be collected during the quarterly 2022 monitoring events.

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4.4 Air Sparge Performance Evaluation

The AS system has continued to operate on a 24-hour per day basis with minor down time due to routine scheduled equipment maintenance. The primary evaluation criteria for AS performance is tied to the dissolved phase hydrocarbon concentrations present in groundwater downgradient of the AS well alignment. Monitoring wells MW-14, MW-15, MW-23, MW-24, and MW-25, located downgradient from the sparge curtain, provide ideal monitoring locations for observing the effects of the AS system on impacted groundwater as it passes through the treatment zone. On the east end of the AS system, monitoring well MW-14 (<0.00100 mg/L in parent and duplicate) has continued to exhibit concentrations below the NMWQCC standards since the second quarter 2021. Benzene concentrations at MW-23 continue to fluctuate compared to historic levels and remained above the NMWQCC standard during the fourth quarter 2021 monitoring event (0.0256 mg/L) for the sixth quarter in a row. Monitoring wells MW-24 and MW-25, which are located cross-gradient to MW-14 and MW-23, continue to exhibit concentrations of benzene or 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.

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). During the third quarter 2021, MW-22 was sampled, and benzene concentrations were reported below the NMWQCC standard for the sixth consecutive quarterly monitoring event in which sampling occurred. However, sampling events on December 15, 2020, March 25, 2021, and the current quarter (December 14, 2021) provided insufficient sample volumes and were not sampled for those periods. AS application has demonstrated a general decrease in benzene concentrations at MW-22, and levels above the NMWQCC standard are now rarely observed and are likely influenced by fluctuating seasonal groundwater levels.

5. Conclusions

This section of the report presents conclusions from the findings of fourth quarter 2021 groundwater monitoring and remediation system O&M activities.

- LNAPL system recovery has continued at steady rates following installation of the Spill Buster units and incidental groundwater recovery has been eliminated.
- The AS portion of the System appears to continue to prevent the migration of LNAPL and dissolved-phase impacts across the treatment zone.
- At MW-19D, MW-23, and MW-26, benzene concentrations were reported above the NMWQCC groundwater standards during the fourth quarter 2021. However, data from adjacent monitoring wells suggest the dissolved-phase petroleum hydrocarbon plume is relatively stable in this area of the Site.
- Monitoring points along the eastern Site boundary, MW-18, MW-20, MW-27, and MW-28 exhibited benzene concentrations below laboratory detection levels and/or NMWQCC standards.

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6. Recommendations

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

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

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Tables

TABLE 1
FOURTH QUARTER 2021
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	03/23/2021	NM			NM	3626.06	NM	NM
MW-1	06/29/2021	58.85	55.95	2.90	NM	3626.06	3569.39	NM
MW-1	09/20/2021	58.84	55.84	3.00	NM	3626.06	3569.47	0.08
MW-1	12/13/2021	58.84	55.85	2.99	NM	3626.06	3569.46	-0.01
MW-2	03/23/2021	52.77	50.70	2.07	NM	3623.14	3571.92	-0.26
MW-2	06/29/2021	53.05	49.95	3.10	NM	3623.14	3572.42	0.49
MW-2	09/20/2021	52.40	50.52	1.88	NM	3623.14	3572.15	-0.26
MW-2	12/13/2021	52.78	50.78	2.00	NM	3623.14	3571.86	-0.29
MW-3	03/23/2021	51.49			NM	3623.01	3571.52	-0.29
MW-3	06/29/2021	51.75			56.89	3623.01	3571.26	-0.26
MW-3	09/20/2021	51.15			56.89	3623.01	3571.86	0.60
MW-3	12/13/2021	51.48			56.89	3623.01	3571.53	-0.33
MW-5	03/23/2021	58.61			NM	3629.16	3570.55	-0.16
MW-5	06/29/2021	58.95			60.35	3629.16	3570.21	-0.34
MW-5	09/09/2021	58.72			60.35	3629.16	3570.44	0.23
MW-5	12/13/2021	58.68			60.35	3629.16	3570.48	0.04
MW-6	03/23/2021	54.37			NM	3626.93	3572.56	-0.17
MW-6	06/29/2021	NM			56.75	3626.93	NM	NM
MW-6	09/20/2021	54.35			56.75	3626.93	3572.58	NA
MW-6	12/13/2021	54.48			56.75	3626.93	3572.45	-0.13
MW-7	03/23/2021	DRY			44.94	3621.40	DRY	NA
MW-7	06/29/2021	DRY			42.25	3621.40	DRY	NA
MW-7	09/20/2021	DRY			42.25	3621.40	DRY	NA
MW-7	12/13/2021	DRY			42.25	3621.40	DRY	NA
MW-9	03/23/2021	62.18	57.42	4.76	NM	3625.21	3566.60	-0.61
MW-9	06/29/2021	62.57	57.75	4.82	NM	3625.21	3566.26	-0.35
MW-9	06/29/2021	62.28	57.60	4.68	NM	3625.21	3566.44	0.19
MW-9	12/13/2021	62.47	57.65	4.82	NM	3625.21	3566.36	-0.09
MW-10	03/23/2021	54.64	51.97	2.67	NM	3621.07	3568.43	NM
MW-10	06/29/2021	55.60	52.54	3.06	NM	3621.07	3567.77	NA
MW-10	09/20/2021	54.89	52.34	2.55	NM	3621.07	3568.09	0.33
MW-10	12/13/2021	54.98	52.24	2.74	NM	3621.07	3568.15	0.05
MW-12**	03/23/2021	NM	NM		NM	3626.60	NA	NA
MW-12**	06/29/2021	NM	NM		NM	3626.60	NA	NA
MW-12**	09/20/2021	NM	NM		NM	3626.60	NA	NA
MW-12**	12/13/2021	NM	NM		NM	3626.60	NA	NA
MW-14	03/23/2021	54.87			NM	3621.42	3566.55	-0.21
MW-14	06/29/2021	55.21			63.40	3621.42	3566.21	-0.34
MW-14	09/20/2021	54.87			63.40	3621.42	3566.55	0.34
MW-14	12/14/2021	55.10			63.40	3621.42	3566.32	-0.23
MW-15	03/23/2021	50.59			NM	3619.39	3568.80	-0.25
MW-15	06/29/2021	50.95			59.00	3619.39	3568.44	-0.36
MW-15	09/20/2021	50.49			59.00	3619.39	3568.90	0.46
MW-15	12/14/2021	50.75			59.00	3619.39	3568.64	-0.26
MW-16	03/23/2021	50.55			NM	3621.87	3571.32	-0.26
MW-16	06/29/2021	50.90			56.40	3621.87	3570.97	-0.35
MW-16	09/20/2021	50.10			56.40	3621.87	3571.77	0.80
MW-16	12/14/2021	50.55			56.40	3621.87	3571.32	-0.45
MW-17	03/23/2021	59.50	59.21	0.29	NM	3623.94	3564.66	NM

TABLE 1
FOURTH QUARTER 2021
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-17	06/29/2021	59.95	59.56	0.39	57.52	3623.94	3564.28	-0.38
MW-17	09/20/2021	59.82	59.68	0.14	57.52	3623.94	3564.23	-0.06
MW-17	12/14/2021	59.70	59.55	0.15	57.52	3623.94	3564.35	0.13
MW-18	03/23/2021	60.27			NM	3624.30	3564.03	-0.17
MW-18	06/29/2021	60.57			67.32	3624.30	3563.73	-0.30
MW-18	09/20/2021	60.49			67.32	3624.30	3563.81	0.08
MW-18	12/14/2021	60.60			67.32	3624.30	3563.70	-0.11
MW-19	03/23/2021	60.77			NM	3624.12	3563.35	-0.22
MW-19	06/29/2021	61.05			66.40	3624.12	3563.07	-0.28
MW-19	09/20/2021	60.87			66.40	3624.12	3563.25	0.18
MW-19	12/14/2021	61.09			66.40	3624.12	3563.03	-0.22
MW-19D	03/23/2021	60.73			NM	3623.79	3563.06	-0.26
MW-19D	06/29/2021	61.03			78.45	3623.79	3562.76	-0.30
MW-19D	09/20/2021	60.81			78.45	3623.79	3562.98	0.22
MW-19D	12/14/2021	61.06			78.45	3623.79	3562.73	-0.25
MW-20	03/23/2021	58.37			NM	3621.49	3563.12	-0.20
MW-20	06/29/2021	58.68			60.89	3621.49	3562.81	-0.31
MW-20	09/20/2021	58.50			60.89	3621.49	3562.99	0.18
MW-20	12/14/2021	58.71			60.89	3621.49	3562.78	-0.21
MW-21	03/23/2021	60.17			NM	3624.25	3564.08	-0.22
MW-21	06/29/2021	60.50			62.65	3624.25	3563.75	-0.33
MW-21	09/20/2021	60.15			62.65	3624.25	3564.10	0.35
MW-21	12/14/2021	60.50			62.65	3624.25	3563.75	-0.35
MW-22	03/23/2021	62.38			NM	3625.16	3562.78	NM
MW-22	06/30/2021	62.68			62.82	3625.16	3562.48	-0.30
MW-22	09/20/2021	62.51			62.85	3625.16	3562.65	0.17
MW-22	12/13/2021	62.68			63.10	3625.16	3562.48	-0.17
MW-23	03/23/2021	54.45			NM	3621.16	3566.71	-0.27
MW-23	06/29/2021	54.77			57.31	3621.16	3566.39	-0.32
MW-23	09/20/2021	54.44			57.31	3621.87	3567.43	1.04
MW-23	12/14/2021	54.70			57.31	3622.58	3567.88	0.45
MW-24	03/23/2021	52.61			NM	3619.27	3566.66	-0.24
MW-24	06/29/2021	52.97			56.70	3619.27	3566.30	-0.36
MW-24	09/20/2021	52.57			56.70	3619.27	3566.70	0.40
MW-24	12/14/2021	52.85			56.70	3619.27	3566.42	-0.28
MW-25	03/23/2021	53.58			NM	3619.73	3566.15	-0.24
MW-25	06/29/2021	53.92			56.75	3619.73	3565.81	-0.34
MW-25	09/20/2021	53.53			56.70	3619.73	3566.20	0.39
MW-25	12/14/2021	53.87			56.70	3619.73	3565.86	-0.34
MW-26	03/23/2021	61.38			76.10	3625.59	3564.21	-0.18
MW-26	06/29/2021	61.75			76.10	3625.59	3563.84	-0.37
MW-26	09/20/2021	61.56			76.10	3625.59	3564.03	0.19
MW-26	12/14/2021	61.63			76.10	3625.59	3563.96	-0.07
MW-27	03/23/2021	62.60			71.90	3626.44	3563.84	-0.15
MW-27	06/29/2021	62.85			71.90	3626.44	3563.59	-0.25
MW-27	09/20/2021	62.83			71.90	3626.44	3563.61	0.02
MW-27	12/14/2021	62.90			71.90	3626.44	3563.54	-0.07
MW-28	03/23/2021	62.55			74.82	3625.41	3562.86	-0.18
MW-28	06/29/2021	62.80			74.82	3625.41	3562.61	-0.25

TABLE 1
FOURTH QUARTER 2021
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-28	09/20/2021	62.67			74.82	3625.41	3562.74	0.13
MW-28	12/14/2021	62.81			74.82	3625.41	3562.60	-0.14
MW-29	03/23/2021	61.75			76.59	3624.59	3562.84	-0.20
MW-29	06/29/2021	61.98			76.59	3624.59	3562.61	-0.23
MW-29	09/20/2021	61.99			76.59	3624.59	3562.60	-0.01
MW-29	12/14/2021	62.02			76.59	3624.59	3562.57	-0.03
TW-H	03/23/2021	53.28	51.53	1.75	NM	3622.30	3570.33	-0.24
TW-H	06/29/2021	53.62	51.86	1.76	NM	3622.30	3570.00	-0.33
TW-H	09/20/2021	53.45	51.70	1.75	NM	3622.30	3570.16	0.16
TW-H	12/14/2021	51.75			NM	3622.30	3570.55	0.39
TW-K***	03/23/2021	NM	NM		62.15	3628.95	NA	NA
TW-K***	06/29/2021	NM	NM		62.15	3628.95	NA	NA
TW-K	09/20/2021	62.10			62.12	3628.95	3566.85	NA
TW-K	12/14/2021	62.10			62.12	3628.95	3566.85	0.00
TW-T-R	03/23/2021	NM	NM		76.53	3625.90	NA	NA
TW-T-R	06/29/2021	NM	NM		76.53	3625.90	NA	NA
TW-T-R	09/20/2021	Well not located - presumed destroyed						
TW-T-R	12/14/2021	61.80	61.30	0.50	76.53	3625.90	3564.48	NA
TW-U	03/23/2021	63.43			63.98	3628.67	3565.24	0.23
TW-U	06/29/2021	64.10	63.72	0.38	63.98	3628.67	3564.86	0.39
TW-U	09/20/2021	63.68			62.12	3628.67	3564.99	0.14
TW-U	12/14/2021	64.05	63.70	0.35	62.12	3628.67	3564.88	0.11
TW-V	03/23/2021	DRY			NM	3628.54	DRY	NA
TW-V	06/29/2021	DRY			NM	3628.54	DRY	NA
TW-V	09/20/2021	DRY			NM	3628.54	DRY	NA
TW-V	12/14/2021	DRY			NM	3628.54	DRY	NA
TW-W	03/23/2021	60.72			NM	3626.88	3566.16	-0.07
TW-W	06/29/2021	61.89	61.15	0.74	NM	3626.88	3565.55	-0.62
TW-W	09/20/2021	61.93	61.16	0.77	62.12	3626.88	3565.53	-0.02
TW-W	12/14/2021	61.85	61.05	0.80	62.12	3626.88	3565.63	0.10
Average change in groundwater elevation (9/20/2021 to 12/14/2021)								-0.10

Notes:

1- Changes in groundwater elevation calculated by subtracting the measurement collected during the previous monitoring event from the measurement collected during the most recent monitoring event.

amsl = feet above mean sea level

TOC = top of casing

Groundwater elevation = (TOC Elevation - Measured Depth to Water)

Groundwater elevation = (TOC Elevation - Measured Depth to Water) + (LNAPL Thickness in Well * LNAPL Relative Density)

LNAPL relative density is assumed to be approximately 0.75

NM = Not Measured

NA = Not Applicable

TD = Total Depth

** The depth to water reading collected from these wells are anomolous and assumed to be an error during field collection. Therefore, the change in groundwater elevation from the previous monitoring event was not calculated and/or used for the average change in groundwater elevation across the Site.

* Groundwater elevation was corrected for product thickness using the following calculation, when applicable:

** Monitoring well MW-12 has an active Spill Buster automatic LNAPL recovery pump installed. As such, the calculated groundwater elevations may not be representative of actual groundwater elevations within the well.

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

TABLE 2
FOURTH QUARTER 2021
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)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-1	12/13/2021	Sampled Annually - Historical LNAPL Present				LNAPL - 2.99'
MW-2	12/13/2021	Sampled Annually - Historical LNAPL Present				LNAPL - 2.00'
MW-3	12/13/2021	Sampled Annually During Third Quarter				
MW-5	12/13/2021	Sampled Annually During Third Quarter				
MW-6	12/13/2021	Sampled Annually During Third Quarter				
MW-7	12/13/2021	Sampled Annually - Historically Dry				
MW-9	12/13/2021	Sampled Annually - Historical LNAPL Present				LNAPL - 4.82'
MW-10	12/13/2021	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 2.74'
MW-12	12/13/2021	NS	NS	NS	NS	Spill Buster in Well
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-15	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-17	12/14/2021	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 0.15'
MW-18	12/14/2021	Sampled Annually During Third Quarter				
MW-19	12/14/2021	<0.00100	<0.00100	0.000207 J	<0.00300	
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-20	12/14/2021	0.000229 J	<0.00100	<0.00100	<0.00300	
MW-21	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	12/13/2021	Not Sampled - Insufficent Volume				
MW-23	12/14/2021	**0.0256**	<0.00100	0.0114	0.00340	
MW-24	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-26	12/14/2021	**0.141**	<0.00100	0.0284	0.0324	
MW-27	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-28	12/14/2021	0.00441	<0.00100	0.00269	0.000631 J	
MW-29	12/14/2021	0.000123 J	<0.00100	<0.00100	<0.00300	
Trip Blank	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	

Notes:

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

NMWQCC = New Mexico Water Quality Control Commission

LNAPL = Light Non-Aqueous Phase Liquid

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

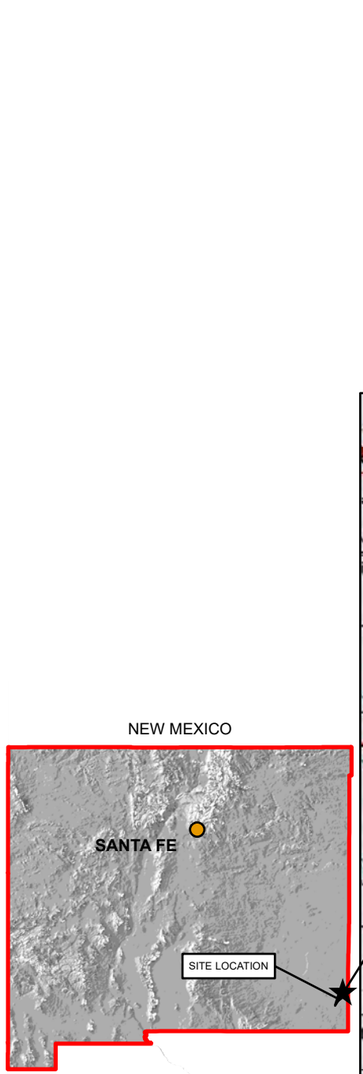
NS = Not Sampled

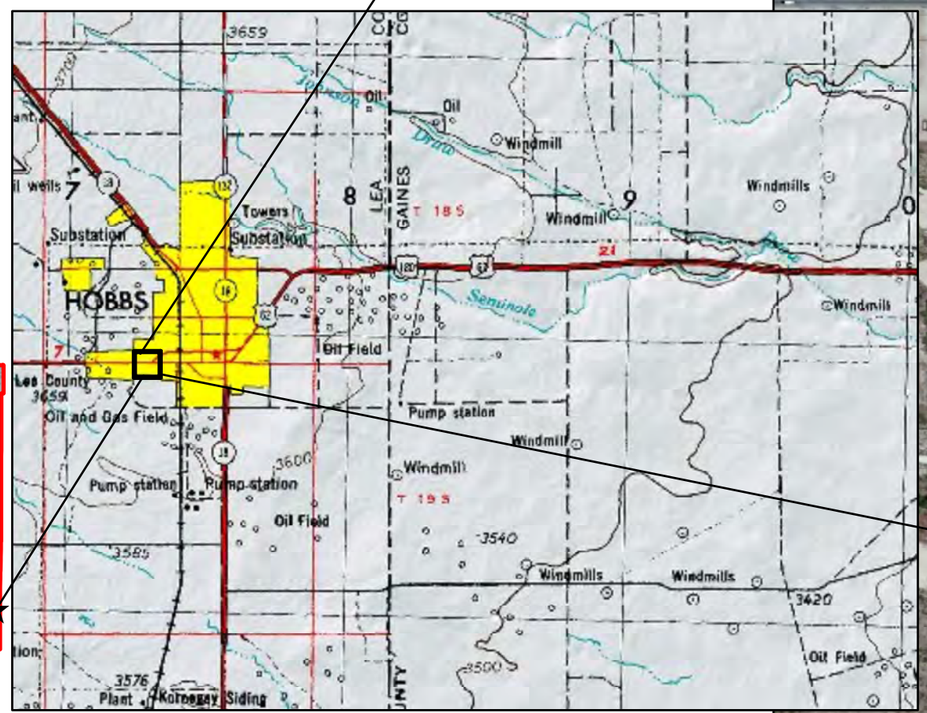
NM - Not Measured

mg/L = milligrams per liter

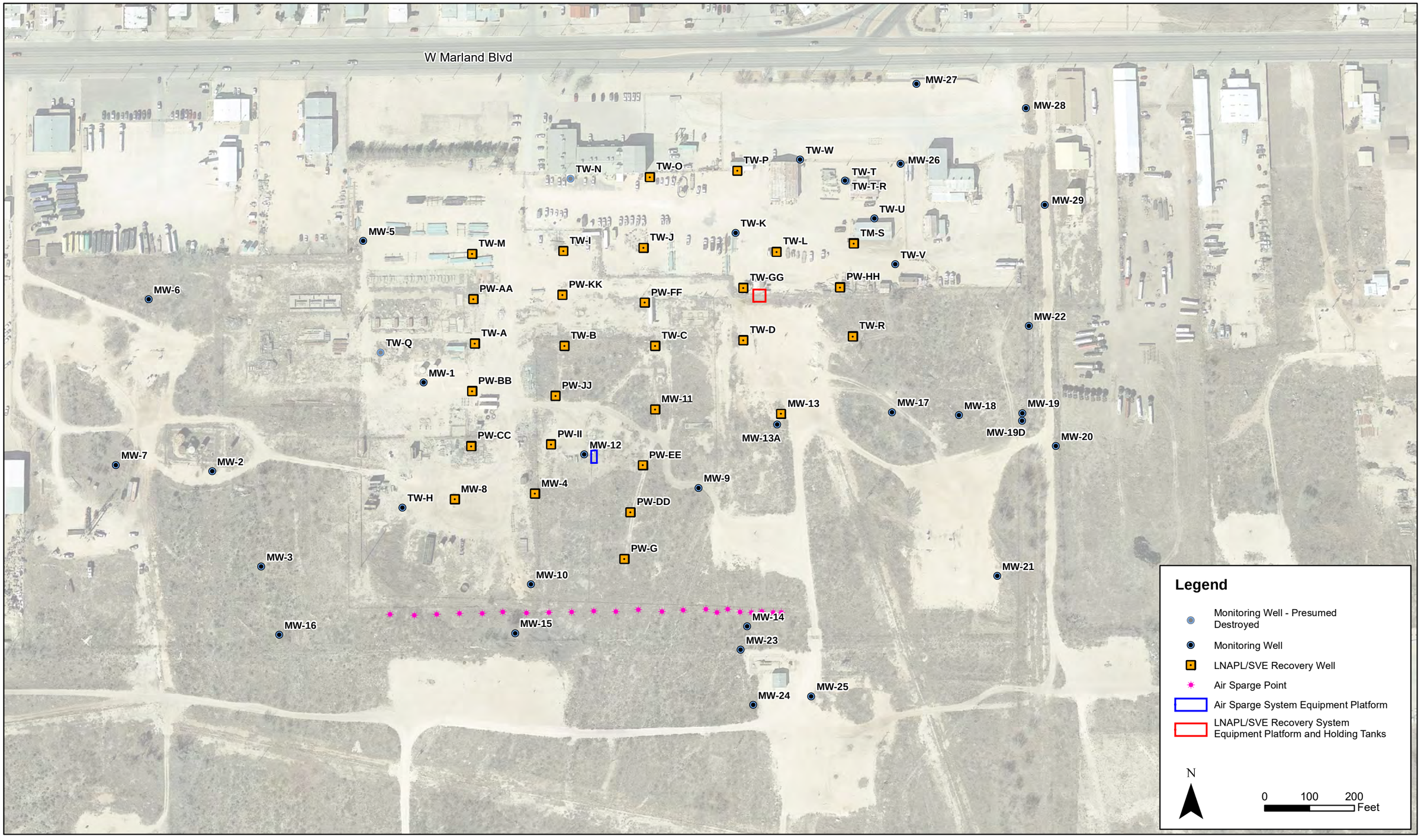
Figures

N

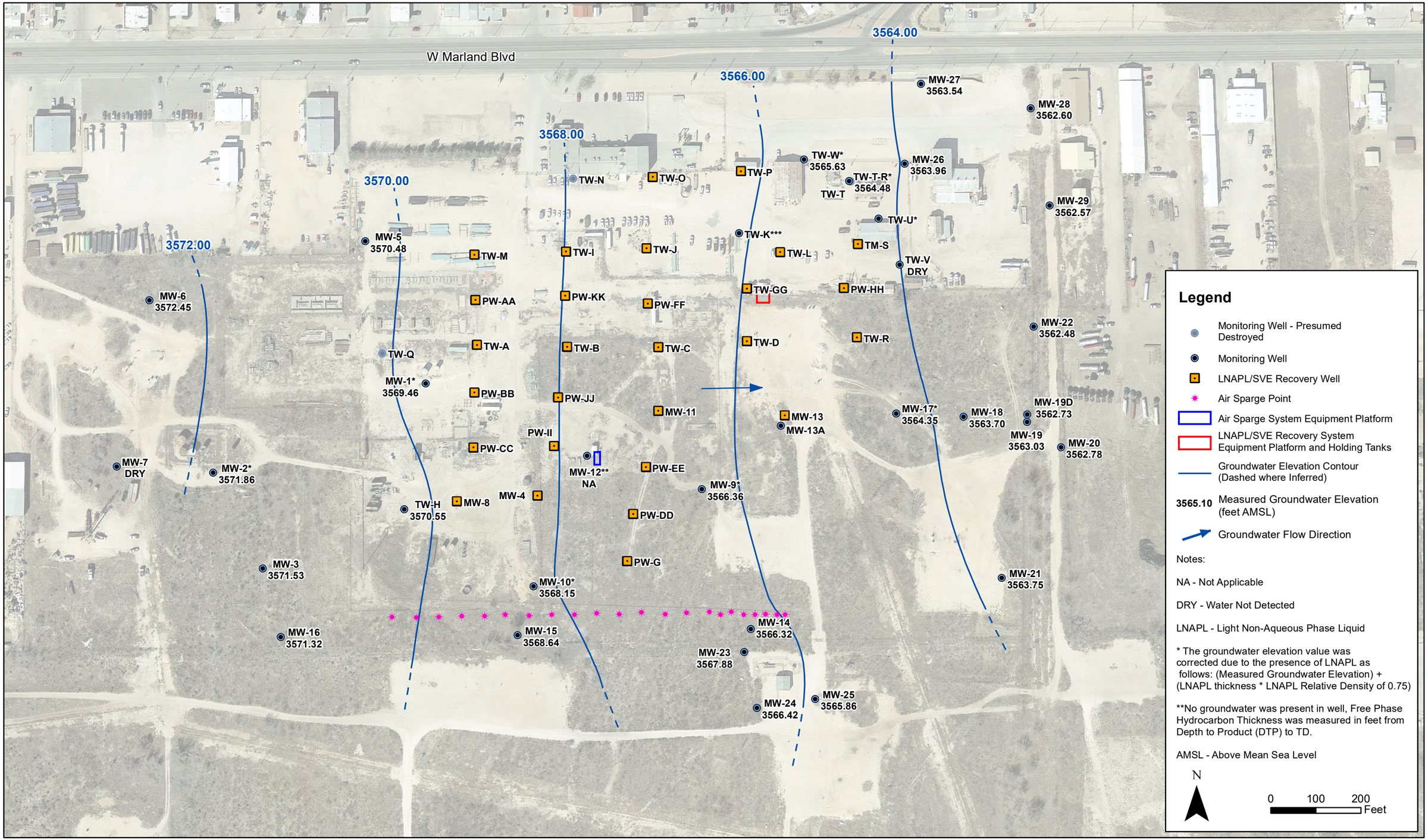




DATE: April 2015 DESIGNED BY: T. Johansen DRAWN BY: D. Arnold	TASMAN Tasman Geosciences, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Midstream** **Hobbs Booster Station** Units C and D, Section 4, Township 19 South, Range 38 East Lea County, New Mexico	Site Location Map	Figure 1



DATE: December 2019 DESIGNED BY: B.Humphrey DRAWN BY: J. Clonts	TASMAN	**Tasman Geosciences, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**DCP Midstream** **Hobbs Booster Station** Fourth Quarter 2021 Groundwater Monitoring Summary Report	Site Map with Monitoring Well Locations	Figure 2



Legend

- Monitoring Well - Presumed Destroyed
- Monitoring Well
- LNAPL/SVE Recovery Well
- Air Sparge Point
- Air Sparge System Equipment Platform
- LNAPL/SVE Recovery System Equipment Platform and Holding Tanks
- Groundwater Elevation Contour (Dashed where Inferred)
- 3565.10 Measured Groundwater Elevation (feet AMSL)
- Groundwater Flow Direction

Notes:

NA - Not Applicable

DRY - Water Not Detected

LNAPL - Light Non-Aqueous Phase Liquid

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

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

AMSL - Above Mean Sea Level

N

0 100 200 Feet

DATE: February 2022

DESIGNED BY: B.Humphrey

DRAWN BY: J. Clonts

TASMAN

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

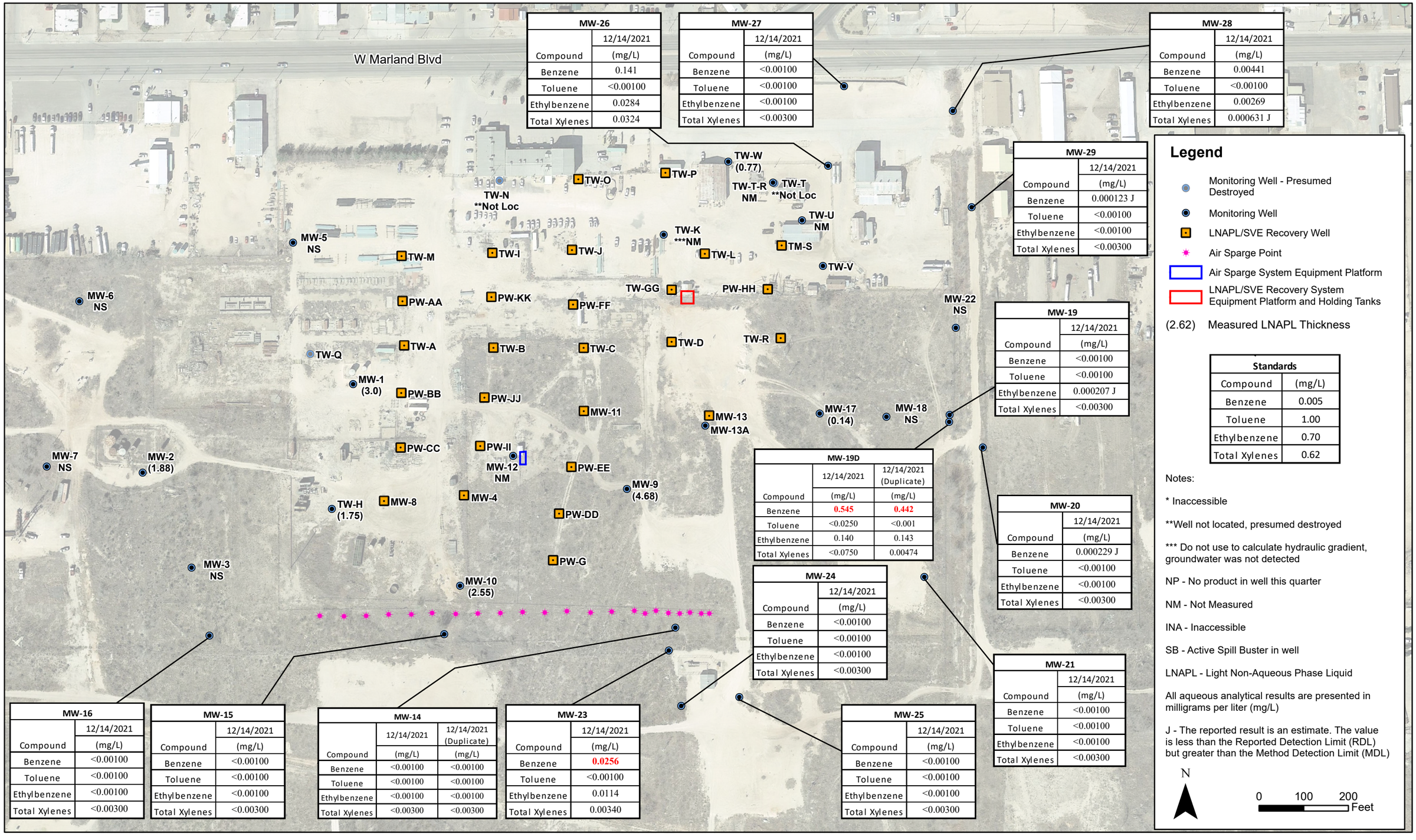
DCP Midstream
Hobbs Booster Station
Fourth Quarter 2021 Groundwater Monitoring Summary Report

Groundwater Elevation Contour Map (December 13 & 14, 2021)

Figure 3

Released to Imaging: 3/27/2023 10:59:00 AM

Received by OCD: 1/19/2023 6:38:10 AM



MW-26

Compound	12/14/2021 (mg/L)
Benzene	0.141
Toluene	<0.00100
Ethylbenzene	0.0284
Total Xylenes	0.0324

MW-27

Compound	12/14/2021 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-28

Compound	12/14/2021 (mg/L)
Benzene	0.00441
Toluene	<0.00100
Ethylbenzene	0.00269
Total Xylenes	0.000631 J

MW-29

Compound	12/14/2021 (mg/L)
Benzene	0.000123 J
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-19

Compound	12/14/2021 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	0.000207 J
Total Xylenes	<0.00300

MW-19D

Compound	12/14/2021 (mg/L)	12/14/2021 (Duplicate) (mg/L)
Benzene	0.545	0.442
Toluene	<0.0250	<0.001
Ethylbenzene	0.140	0.143
Total Xylenes	<0.0750	0.00474

MW-20

Compound	12/14/2021 (mg/L)
Benzene	0.000229 J
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-21

Compound	12/14/2021 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-24

Compound	12/14/2021 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-25

Compound	12/14/2021 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-16

Compound	12/14/2021 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-15

Compound	12/14/2021 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-14

Compound	12/14/2021 (mg/L)	12/14/2021 (Duplicate) (mg/L)
Benzene	<0.00100	<0.00100
Toluene	<0.00100	<0.00100
Ethylbenzene	<0.00100	<0.00100
Total Xylenes	<0.00300	<0.00300

MW-23

Compound	12/14/2021 (mg/L)
Benzene	0.0256
Toluene	<0.00100
Ethylbenzene	0.0114
Total Xylenes	0.00340

Legend

- Monitoring Well - Presumed Destroyed
- 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

Standards

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

Notes:

* Inaccessible

**Well not located, presumed destroyed

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

NP - No product in well this quarter

NM - Not Measured

INA - Inaccessible

SB - Active Spill Buster in well

LNAPL - Light Non-Aqueous Phase Liquid

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

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

N

0 100 200 Feet

DATE: February 2022

DESIGNED BY: B.Humphrey

DRAWN BY: J. Clonts

TASMAN

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

DCP Midstream
Hobbs Booster Station
Fourth Quarter 2021 Groundwater Monitoring Summary Report

Analytical Results Map (December 14, 2021)

Figure 4

Appendix A

Historical Analytical Results

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

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

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

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

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

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

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

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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)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-10	09/16/2011	**0.213**	<0.002	0.135	<0.02	Duplicate sample collected
MW-10	12/06/2011	NS	NS	NS	NS	
MW-10	03/09/2012	NS	NS	NS	NS	
MW-10	06/06/2012	NS	NS	NS	NS	
MW-10	09/06/2012	NS	NS	NS	NS	
MW-10	12/05/2012	NS	NS	NS	NS	
MW-10	02/19/2013	LNAPL				
MW-10	06/03/2013	LNAPL				
MW-10	09/10/2013	LNAPL				
MW-10	12/02/2013	LNAPL				
MW-10	02/27/2014	LNAPL				Sampled Annually
MW-10	06/03/2014	LNAPL				Sampled Annually
MW-10	09/24/2014	LNAPL				Annual Event
MW-10	12/03/2014	LNAPL				Sampled Annually
MW-10	02/25/2015	LNAPL				Sampled Annually
MW-10	06/03/2015	LNAPL				Sampled Annually
MW-10	09/01/2015	LNAPL				Annual Event
MW-10	12/16/2015	LNAPL				Sampled Annually
MW-10	03/24/2016	LNAPL				Sampled Annually
MW-10	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-10	09/28/2016	LNAPL				Annual Event
MW-10	12/21/2016	LNAPL				Sampled Annually
MW-10	03/09/2017	LNAPL				Sampled Annually
MW-10	06/21/2017	LNAPL				Sampled Annually
MW-10	09/26/2017	LNAPL				Annual Event
MW-10	12/20/2017	LNAPL				Sampled Annually
MW-10	03/13/2018	LNAPL				Sampled Annually
MW-10	06/26/2018	LNAPL				Sampled Annually
MW-10	09/11/2018	LNAPL				Annual Event
MW-10	09/24/2019	LNAPL				Annual Event
MW-10	09/23/2020	NM				Passive Bailer in Well
MW-10	12/15/2020	NS	NS	NS	NS	Passive Bailer in Well
MW-10	03/23/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-10	06/29/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-10	09/20/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-10	12/13/2021	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 2.74'
MW-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-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	

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

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

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-14 (Duplicate)	06/21/2017	**0.14**	<0.0010	0.0018	0.0018	
MW-14	09/26/2017	**0.35**	<0.0010	0.00237	0.00418	Duplicate sample collected
MW-14 (Duplicate)	09/26/2017	**0.339**	<0.0010	0.00265	0.00448	
MW-14	12/20/2017	**0.127**	<0.005	<0.005	<0.015	Duplicate sample collected
MW-14 (Duplicate)	12/20/2017	**0.138**	<0.001	0.000411 J	<0.0030	
MW-14	03/13/2018	**0.0413**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	03/13/2018	**0.0396**	<0.0010	<0.0010	<0.0030	
MW-14	06/27/2018	**0.0506**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	06/27/2018	**0.0356**	<0.0010	<0.0010	<0.0030	
MW-14	09/11/2018	**0.0543**	<0.0010	0.000764 J	0.00204 J	Duplicate sample collected
MW-14 (Duplicate)	09/11/2018	**0.0593**	<0.0010	0.000654 J	0.00182 J	
MW-14	12/27/2018	**0.115**	<0.0010	0.00142	0.00730	Duplicate sample collected
MW-14 (Duplicate)	12/27/2018	**0.120**	<0.0010	0.00150	0.00785	
MW-14	03/15/2019	**0.148**	<0.0010	0.00039 J	0.00174 J	Duplicate sample collected
MW-14 (Duplicate)	03/15/2019	**0.119**	<0.0010	<0.0010	0.00159 J	
MW-14	06/06/2019	**0.142**	0.000465 J	<0.0010	0.00197 J	Duplicate sample collected
MW-14 (Duplicate)	06/06/2019	**0.138**	<0.0010	<0.0010	0.00158 J	
MW-14	09/25/2019	**0.173**	<0.0010	<0.0010	<0.0030	Duplicate A sample collected
MW-14 (Duplicate)	09/25/2019	**0.170**	<0.0010	0.000401 J	<0.0030	
MW-14	12/16/2019	**0.0851**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	12/16/2019	**0.170**	<0.0010	0.000401 J	<0.0030	
MW-14	06/16/2020	**0.0398**	<0.0010	<0.0010	0.000367 J	Duplicate sample collected
MW-14 (Duplicate)	06/16/2020	**0.0395**	<0.0010	<0.0010	0.000351 J	
MW-14	09/23/2020	**0.00803**	<0.00100	<0.00100	0.000205 J	Duplicate A sample collected
MW-14 (Duplicate)	09/23/2020	**0.0075**	<0.00100	<0.00100	<0.00300	
MW-14	12/15/2020	**0.0120**	<0.00100	<0.00100	0.000458 J	Duplicate A sample collected
MW-14 (Duplicate)	12/15/2020	**0.0128**	<0.00100	<0.00100	0.000470 J	
MW-14	03/23/2021	**0.0111**	<0.00100	<0.00100	0.000379 J	Duplicate A sample collected
MW-14 (Duplicate)	03/23/2021	**0.0117**	<0.00100	<0.00100	0.000328 J	
MW-14	06/30/2021	0.00109	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	06/30/2021	0.000929 J	<0.00100	<0.00100	0.000328 J	
MW-14	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-14	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate B sample collected
MW-14 (Duplicate)	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-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	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-15	12/06/2011	0.0053	<0.002	0.0106	<0.004	
MW-15	03/09/2012	0.0059	<0.002	0.0097	<0.004	Duplicate-1 sample collected
MW-15	06/06/2012	0.0041	<0.002	<0.002	<0.003	Duplicate sample collected
MW-15	09/06/2012	0.0033	<0.002	<0.002	<0.003	Duplicate-1 sample collected
MW-15	12/05/2012	0.0027	<0.002	<0.002	<0.003	Duplicate sample collected
MW-15	02/19/2013	0.002	<0.002	<0.002	<0.003	Duplicate A sample collected
MW-15	06/03/2013	0.0019	<0.002	<0.002	<0.003	
MW-15	09/10/2013	0.0022	<0.002	<0.002	<0.003	
MW-15	12/02/2013	0.0017	<0.002	<0.002	<0.003	
MW-15	02/27/2014	0.0021	<0.002	<0.002	<0.003	
MW-15	06/03/2014	0.0019	<0.002	<0.002	<0.003	
MW-15	09/22/2014	0.0027	<0.001	<0.001	<0.001	
MW-15	12/03/2014	0.0018	0.00031J	<0.001	<0.003	
MW-15	02/25/2015	0.0015	<0.001	0.0021	<0.003	
MW-15	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-15	03/23/2016	0.001	<0.0010	<0.0010	<0.0030	
MW-15	06/23/2016	0.0011	<0.0010	<0.0010	<0.0030	
MW-15	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15 (Duplicate)	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-15	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-15	03/09/2017	<0.0010	<0.0010	0.0018	<0.0010	
MW-15	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-15	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	12/20/2017	0.000362 J	<0.0010	<0.0010	<0.0030	
MW-15	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	03/14/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-15	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
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-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	-	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-16	06/14/2010	<0.001	<0.002	<0.30	-	
MW-16	09/14/2010	<0.001	<0.002	<0.00030	-	
MW-16	12/07/2010	<0.001	<0.002	<0.00030	-	
MW-16	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-16	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-16	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-16	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-16	09/23/2014	<0.001	<0.001	<0.001	<0.001	MS/MSD Collected
MW-16	12/03/2014	<0.001	<0.001	<0.001	<0.003	MS/MSD Collected
MW-16	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
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-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

APPENDIX A
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BTEX CONCENTRATIONS IN GROUNDWATER
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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-17	12/20/2017	LNAPL				Sampled Annually
MW-17	03/13/2018	LNAPL				Sampled Annually
MW-17	06/26/2018	LNAPL				Sampled Annually
MW-17	09/11/2018	LNAPL				Annual Event
MW-17	09/24/2019	LNAPL				Annual Event
MW-17	09/23/2020	Not Measured				Passive Bailer in Well
MW-17	12/15/2020	Not Measured				Passive Bailer in Well
MW-17	03/23/2021	Sampled Annually During Third Quarter				Passive Bailer in Well
MW-17	06/29/2021	Sampled Annually During Third Quarter				Passive Bailer in Well
MW-17	09/20/2021	Not Sampled - LNAPL				Passive Bailer in Well
MW-17	12/14/2021	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 0.15'
MW-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	
MW-18	12/14/2021	Sampled Annually During Third Quarter				
MW-19	03/23/2005	0.0019	<0.002	<0.002	<0.006	
MW-19	06/08/2005	0.0012	0.072	<0.002	<0.006	
MW-19	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-19	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-19	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-19	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-19	12/20/2006	0.0007	<0.002	<0.002	<0.006	
MW-19	03/29/2007	0.00075	<0.002	<0.002	<0.006	
MW-19	06/27/2007	0.00071	<0.002	<0.002	<0.006	
MW-19	09/06/2007	0.00053	<0.002	<0.002	<0.006	
MW-19	11/28/2007	0.00054	<0.002	<0.002	<0.006	
MW-19	03/06/2008	0.00054	<0.002	<0.002	<0.006	
MW-19	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-19	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	03/09/2010	0.0009	<0.002	<1.0	-	
MW-19	06/14/2010	0.00051	<0.002	<0.30	-	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-19	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-19S	09/27/2006	<0.23	<0.54	<0.48	<1.1	
MW-19S	Well Removed From Sampling Plan					
MW-19D	03/23/2005	0.00073	<0.002	<0.002	<0.006	
MW-19D	06/08/2005	0.0011	0.0012	<0.002	<0.006	
MW-19D	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-19D	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-19D	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-19D	06/21/2006	0.0011	<0.002	<0.002	<0.006	
MW-19D	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-19D	12/20/2006	0.0018	<0.002	0.00074	<0.006	
MW-19D	03/29/2007	0.0007	<0.002	<0.002	<0.006	
MW-19D	06/27/2007	0.00074	<0.002	<0.002	<0.006	
MW-19D	09/06/2007	0.00072	<0.002	<0.002	<0.006	
MW-19D	11/28/2007	0.00093	<0.002	<0.002	<0.006	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-19D	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	
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-20	03/23/2005	<0.001	<0.002	<0.002	<0.006	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-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	
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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-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-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	
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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-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-22	03/23/2005	0.0013	<0.002	<0.001	<0.006	
MW-22	06/08/2005	<0.001	0.0025	0.0073	<0.006	
MW-22	09/14/2005	0.0066	<0.002	<0.002	<0.006	
MW-22	12/13/2005	0.0059	<0.002	<0.002	<0.006	
MW-22	03/28/2006	0.006	<0.002	<0.002	<0.006	
MW-22	06/21/2006	0.0034	<0.002	<0.002	<0.006	
MW-22	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-22	12/20/2006	0.00089	<0.002	<0.002	<0.006	
MW-22	03/29/2007	0.00067	<0.002	<0.002	<0.006	
MW-22	06/27/2007	0.00076	<0.002	<0.002	<0.006	
MW-22	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-22	11/28/2007	0.001	<0.002	<0.002	<0.006	
MW-22	03/06/2008	0.0015	<0.002	<0.002	<0.006	
MW-22	12/02/2008	0.0064	<0.002	<0.002	<0.006	
MW-22	03/09/2009	0.0048	<0.002	<0.002	<0.006	
MW-22	05/26/2009	0.0046	<0.002	<0.002	<0.006	
MW-22	09/21/2009	0.0026	<0.002	<0.002	<0.006	
MW-22	12/20/2009	0.0028	<0.002	<0.002	<0.006	
MW-22	03/29/2011	0.0034	<0.002	<0.002	0.0022	
MW-22	06/21/2011	0.0041	<0.002	.0005 J	<0.004	
MW-22	09/15/2011	0.0037	<0.002	<0.002	<0.004	
MW-22	12/06/2011	0.0028	<0.002	<0.002	<0.004	
MW-22	03/09/2012	0.0034	<0.002	0.00046	<0.004	
MW-22	06/06/2012	0.0031	<0.002	0.00045	<0.003	
MW-22	09/06/2012	0.0021	<0.002	<0.002	<0.003	
MW-22	12/05/2012	0.0033	<0.002	0.00055	0.0031	
MW-22	02/19/2013	0.0046	<0.002	0.0011	0.0043	
MW-22	06/03/2013	0.0054	<0.002	0.001	0.0046	
MW-22	09/10/2013	0.0097	<0.002	0.0029	0.0058	
MW-22	12/02/2013	0.0087	<0.002	0.00084	0.0054	
MW-22	02/27/2014	**0.0122**	<0.002	0.00088 J	0.0061	
MW-22	06/03/2014	**0.0245**	<0.002	0.0010 J	0.0055	
MW-22	09/23/2014	**0.0626**	<0.001	0.0019	0.0092	Duplicate B Sample Collected
MW-22 (Duplicate)	09/23/2014	**0.062**	<0.001	0.0029	0.0086	
MW-22	12/03/2014	**0.0764**	<0.001	0.0015	0.0089	
MW-22	02/25/2015	**0.092**	<0.001	<0.001	0.0084	
MW-22	06/03/2015	**0.11**	<0.001	<0.001	0.0067	
MW-22	09/01/2015	**0.13**	<0.001	<0.001	0.0063	
MW-22	12/17/2015	**0.13**	<0.001	0.0015	0.0063	
MW-22	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/29/2016	0.0015	<0.0010	<0.0010	<0.0030	
MW-22	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-22	03/09/2017	**0.25**	<0.0010	0.01	0.0048	
MW-22	06/21/2017	**0.14**	<0.0010	0.0064	0.0038	
MW-22	09/26/2017	<0.0050	<0.0050	<0.0050	<0.0150	
MW-22	12/20/2017	0.000987 J	<0.0010	<0.0010	<0.0030	
MW-22	03/13/2018	**0.109**	<0.0010	0.013	0.00168 J	
MW-22	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/11/2018	<0.0010	<0.0010	0.000433 J	<0.0030	
MW-22	12/27/2018	**0.0248**	<0.0010	0.00642	<0.0030	

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

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

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-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	
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-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-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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-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-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-29	06/06/2019	0.00902	<0.0010	0.000403 J	<0.0030	
MW-29	09/25/2019	**0.0253**	<0.0010	<0.0010	<0.0030	
MW-29	12/16/2019	**0.0507**	<0.0010	0.00180	<0.0030	
MW-29	06/18/2020	0.00168	<0.0010	<0.0010	<0.0030	
MW-29	09/23/2020	**0.103**	<0.00100	0.00732	0.00514	
MW-29	12/15/2020	**0.144**	<0.00100	0.00193	0.00264 J	
MW-29	03/23/2021	**0.282**	0.000392 J	0.0193	0.0233	
MW-29	06/29/2021	**0.0735**	0.000392 J	0.00176	0.00250 J	
MW-29	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-29	12/14/2021	0.000123 J	<0.00100	<0.00100	<0.00300	
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	

Notes:

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

NMWQCC = New Mexico Water Quality Control Commission

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	

LNAPL = Light Non-Aqueous Phase Liquid

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

NS = Not Sampled

NM - Not Measured

mg/L = milligrams per liter

Appendix B

Laboratory Analytical Report

- Pace Job #: L1442843

Pace Analytical®

ANALYTICAL REPORT

December 23, 2021

DCP Midstream - Tasman

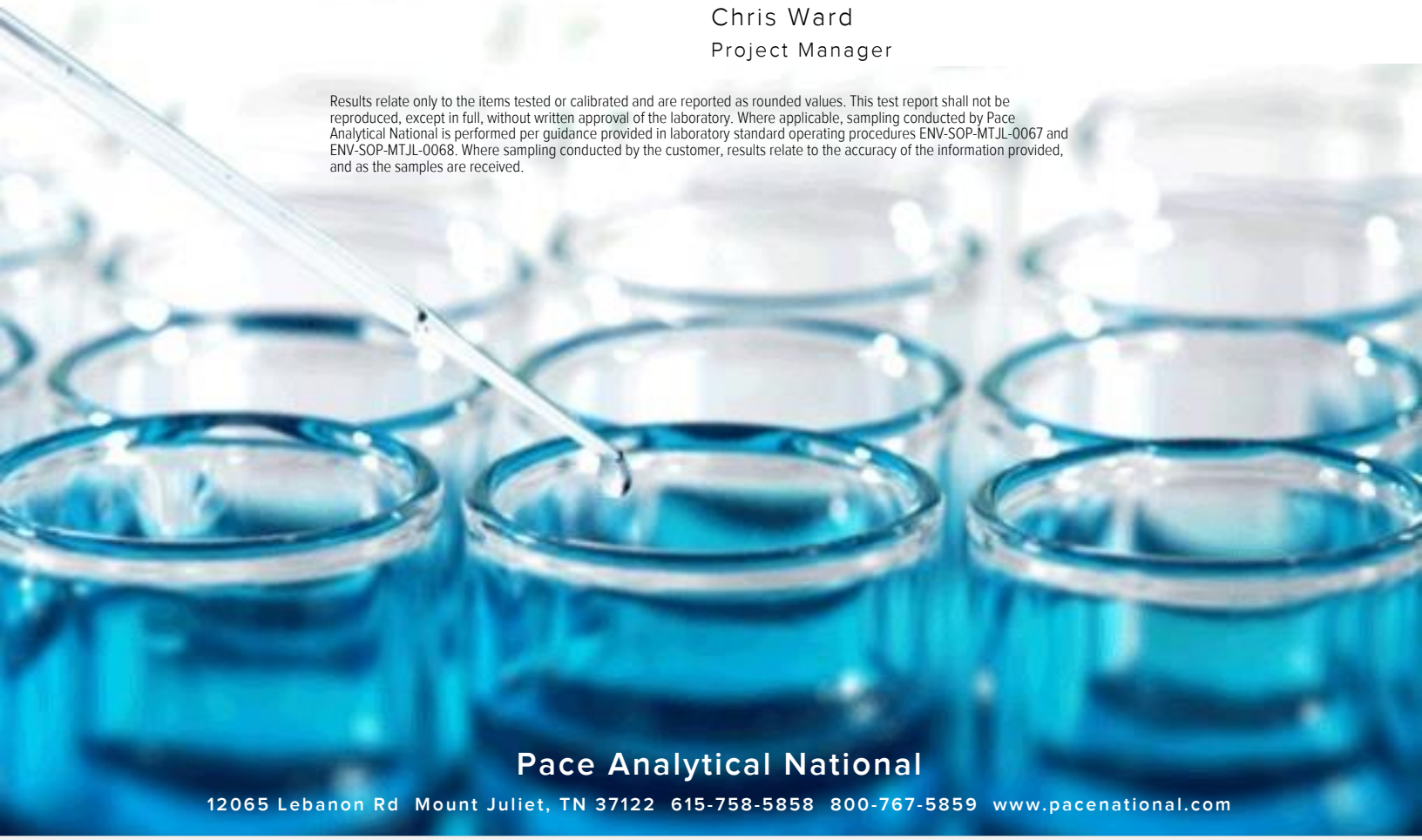
Sample Delivery Group:	L1442843
Samples Received:	12/15/2021
Project Number:	
Description:	Former Hobbs Booster Station

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

Entire Report Reviewed By: Chris Ward

Chris Ward
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Released to Imaging: 3/27/2023 10:59:00 AM

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MW-14 L1442843-01 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 11:20 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/18/21 00:38	12/18/21 00:38	JAH	Mt. Juliet, TN

MW-15 L1442843-02 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 13:00 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/18/21 00:58	12/18/21 00:58	JAH	Mt. Juliet, TN

MW-16 L1442843-03 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 13:25 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/18/21 01:18	12/18/21 01:18	JAH	Mt. Juliet, TN

MW-19 L1442843-04 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 09:50 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/18/21 01:38	12/18/21 01:38	JAH	Mt. Juliet, TN

MW-19D L1442843-05 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 10:10 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	25	12/18/21 05:16	12/18/21 05:16	JAH	Mt. Juliet, TN

MW-20 L1442843-06 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 09:25 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/18/21 01:58	12/18/21 01:58	JAH	Mt. Juliet, TN

MW-21 L1442843-07 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 10:35 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/18/21 02:18	12/18/21 02:18	JAH	Mt. Juliet, TN

MW-23 L1442843-08 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 10:55 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/18/21 02:38	12/18/21 02:38	JAH	Mt. Juliet, TN

SAMPLE SUMMARY

MW-24 L1442843-09 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 11:50 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/18/21 02:57	12/18/21 02:57	JAH	Mt. Juliet, TN

MW-25 L1442843-10 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 12:45 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/18/21 03:17	12/18/21 03:17	JAH	Mt. Juliet, TN

MW-27 L1442843-11 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 08:35 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/18/21 03:37	12/18/21 03:37	JAH	Mt. Juliet, TN

MW-28 L1442843-12 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 08:15 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/18/21 03:56	12/18/21 03:56	JAH	Mt. Juliet, TN

MW-29 L1442843-13 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 09:00 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/18/21 04:16	12/18/21 04:16	JAH	Mt. Juliet, TN

DUPLICATE A L1442843-14 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 00:00 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/18/21 05:55	12/18/21 05:55	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1793679	20	12/22/21 15:33	12/22/21 15:33	JAH	Mt. Juliet, TN

DUPLICATE B L1442843-15 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 00:00 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1793679	1	12/22/21 15:12	12/22/21 15:12	JAH	Mt. Juliet, TN

TRIP BLANK L1442843-16 GW

Collected by: Becky Griffin | Collected date/time: 12/14/21 14:30 | Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/17/21 23:59	12/17/21 23:59	JAH	Mt. Juliet, TN

SAMPLE SUMMARY

MW-26 L1442843-17 GW

Collected by: Becky Griffin
Collected date/time: 12/14/21 14:10
Received date/time: 12/15/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1790817	1	12/18/21 06:15	12/18/21 06:15	JAH	Mt. Juliet, TN

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

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

Chris Ward
Project Manager

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	12/18/2021 00:38	WG1790817
Toluene	U		0.000278	0.00100	1	12/18/2021 00:38	WG1790817
Ethylbenzene	U		0.000137	0.00100	1	12/18/2021 00:38	WG1790817
Total Xylenes	U		0.000174	0.00300	1	12/18/2021 00:38	WG1790817
(S) Toluene-d8	*112*			*80.0-120*		*12/18/2021 00:38*	WG1790817
(S) 4-Bromofluorobenzene	*92.8*			*77.0-126*		*12/18/2021 00:38*	WG1790817
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*12/18/2021 00:38*	WG1790817

Received by OCD: 1/19/2023 6:38:10 AM

MW-15
Collected date/time: 12/14/21 13:00
L1442843

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	12/18/2021 00:58	WG1790817
Toluene	U		0.000278	0.00100	1	12/18/2021 00:58	WG1790817
Ethylbenzene	U		0.000137	0.00100	1	12/18/2021 00:58	WG1790817
Total Xylenes	U		0.000174	0.00300	1	12/18/2021 00:58	WG1790817
(S) Toluene-d8	*111*			*80.0-120*		*12/18/2021 00:58*	WG1790817
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*		*12/18/2021 00:58*	WG1790817
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*12/18/2021 00:58*	WG1790817

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Received by OCD: 1/19/2023 6:38:10 AM

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	12/18/2021 01:18	WG1790817
Toluene	U		0.000278	0.00100	1	12/18/2021 01:18	WG1790817
Ethylbenzene	U		0.000137	0.00100	1	12/18/2021 01:18	WG1790817
Total Xylenes	U		0.000174	0.00300	1	12/18/2021 01:18	WG1790817
(S) Toluene-d8	*105*			*80.0-120*		*12/18/2021 01:18*	WG1790817
(S) 4-Bromofluorobenzene	*92.1*			*77.0-126*		*12/18/2021 01:18*	WG1790817
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*12/18/2021 01:18*	WG1790817

Released to Imaging: 3/27/2023 10:59:00 AM

Received by OCD: 1/19/2023 6:38:10 AM

MW-19
Collected date/time: 12/14/21 09:50
L1442843

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	12/18/2021 01:38	WG1790817
Toluene	U		0.000278	0.00100	1	12/18/2021 01:38	WG1790817
Ethylbenzene	0.000207	J	0.000137	0.00100	1	12/18/2021 01:38	WG1790817
Total Xylenes	U		0.000174	0.00300	1	12/18/2021 01:38	WG1790817
(S) Toluene-d8	*108*			*80.0-120*		*12/18/2021 01:38*	WG1790817
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*12/18/2021 01:38*	WG1790817
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*12/18/2021 01:38*	WG1790817

Released to Imaging: 3/27/2023 10:59:00 AM

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	0.545		0.00235	0.0250	25	12/18/2021 05:16	WG1790817
Toluene	U		0.00695	0.0250	25	12/18/2021 05:16	WG1790817
Ethylbenzene	0.140		0.00343	0.0250	25	12/18/2021 05:16	WG1790817
Total Xylenes	U		0.00435	0.0750	25	12/18/2021 05:16	WG1790817
(S) Toluene-d8	*110*			*80.0-120*		*12/18/2021 05:16*	WG1790817
(S) 4-Bromofluorobenzene	*95.3*			*77.0-126*		*12/18/2021 05:16*	WG1790817
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*12/18/2021 05:16*	WG1790817

Received by OCD: 1/19/2023 6:38:10 AM

MW-20
Collected date/time: 12/14/21 09:25
L1442843

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	0.000229	J	0.0000941	0.00100	1	12/18/2021 01:58	WG1790817
Toluene	U		0.000278	0.00100	1	12/18/2021 01:58	WG1790817
Ethylbenzene	U		0.000137	0.00100	1	12/18/2021 01:58	WG1790817
Total Xylenes	U		0.000174	0.00300	1	12/18/2021 01:58	WG1790817
(S) Toluene-d8	*109*			*80.0-120*		*12/18/2021 01:58*	WG1790817
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*12/18/2021 01:58*	WG1790817
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*12/18/2021 01:58*	WG1790817

Released to Imaging: 3/27/2023 10:59:00 AM

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	12/18/2021 02:18	WG1790817
Toluene	U		0.000278	0.00100	1	12/18/2021 02:18	WG1790817
Ethylbenzene	U		0.000137	0.00100	1	12/18/2021 02:18	WG1790817
Total Xylenes	U		0.000174	0.00300	1	12/18/2021 02:18	WG1790817
(S) Toluene-d8	*109*			*80.0-120*		*12/18/2021 02:18*	WG1790817
(S) 4-Bromofluorobenzene	*94.5*			*77.0-126*		*12/18/2021 02:18*	WG1790817
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*12/18/2021 02:18*	WG1790817

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	0.0256		0.0000941	0.00100	1	12/18/2021 02:38	WG1790817
Toluene	U		0.000278	0.00100	1	12/18/2021 02:38	WG1790817
Ethylbenzene	0.0114		0.000137	0.00100	1	12/18/2021 02:38	WG1790817
Total Xylenes	0.00340		0.000174	0.00300	1	12/18/2021 02:38	WG1790817
(S) Toluene-d8	*109*			*80.0-120*		*12/18/2021 02:38*	WG1790817
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*		*12/18/2021 02:38*	WG1790817
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*12/18/2021 02:38*	WG1790817

MW-24
Collected date/time: 12/14/21 11:50
L1442843

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	12/18/2021 02:57	WG1790817
Toluene	U		0.000278	0.00100	1	12/18/2021 02:57	WG1790817
Ethylbenzene	U		0.000137	0.00100	1	12/18/2021 02:57	WG1790817
Total Xylenes	U		0.000174	0.00300	1	12/18/2021 02:57	WG1790817
(S) Toluene-d8	*111*			*80.0-120*		*12/18/2021 02:57*	WG1790817
(S) 4-Bromofluorobenzene	*93.3*			*77.0-126*		*12/18/2021 02:57*	WG1790817
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*12/18/2021 02:57*	WG1790817

Received by OCD: 1/19/2023 6:38:10 AM

MW-23
Collected date/time: 12/14/21 12:45
L1442843

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	12/18/2021 03:17	WG1790817
Toluene	U		0.000278	0.00100	1	12/18/2021 03:17	WG1790817
Ethylbenzene	U		0.000137	0.00100	1	12/18/2021 03:17	WG1790817
Total Xylenes	U		0.000174	0.00300	1	12/18/2021 03:17	WG1790817
(S) Toluene-d8	*106*			*80.0-120*		*12/18/2021 03:17*	WG1790817
(S) 4-Bromofluorobenzene	*91.1*			*77.0-126*		*12/18/2021 03:17*	WG1790817
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*12/18/2021 03:17*	WG1790817

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MW-27
Collected date/time: 12/14/21 08:35
L1442843

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	12/18/2021 03:37	WG1790817
Toluene	U		0.000278	0.00100	1	12/18/2021 03:37	WG1790817
Ethylbenzene	U		0.000137	0.00100	1	12/18/2021 03:37	WG1790817
Total Xylenes	U		0.000174	0.00300	1	12/18/2021 03:37	WG1790817
(S) Toluene-d8	*109*			*80.0-120*		*12/18/2021 03:37*	WG1790817
(S) 4-Bromofluorobenzene	*92.6*			*77.0-126*		*12/18/2021 03:37*	WG1790817
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*12/18/2021 03:37*	WG1790817

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	0.00441		0.0000941	0.00100	1	12/18/2021 03:56	WG1790817
Toluene	U		0.000278	0.00100	1	12/18/2021 03:56	WG1790817
Ethylbenzene	0.00269		0.000137	0.00100	1	12/18/2021 03:56	WG1790817
Total Xylenes	0.000631	J	0.000174	0.00300	1	12/18/2021 03:56	WG1790817
(S) Toluene-d8	*110*			*80.0-120*		*12/18/2021 03:56*	WG1790817
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*12/18/2021 03:56*	WG1790817
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*12/18/2021 03:56*	WG1790817

Received by OCD: 1/19/2023 6:38:10 AM

MW-29
Collected date/time: 12/14/21 09:00
L1442843

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	0.000123	J	0.0000941	0.00100	1	12/18/2021 04:16	WG1790817
Toluene	U		0.000278	0.00100	1	12/18/2021 04:16	WG1790817
Ethylbenzene	U		0.000137	0.00100	1	12/18/2021 04:16	WG1790817
Total Xylenes	U		0.000174	0.00300	1	12/18/2021 04:16	WG1790817
(S) Toluene-d8	*109*			*80.0-120*		*12/18/2021 04:16*	WG1790817
(S) 4-Bromofluorobenzene	*94.4*			*77.0-126*		*12/18/2021 04:16*	WG1790817
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*12/18/2021 04:16*	WG1790817

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

Released to Imaging: 3/27/2023 10:59:00 AM

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	0.442		0.00188	0.0200	20	12/22/2021 15:33	WG1793679
Toluene	U		0.000278	0.00100	1	12/18/2021 05:55	WG1790817
Ethylbenzene	0.143		0.000137	0.00100	1	12/18/2021 05:55	WG1790817
Total Xylenes	0.00474		0.000174	0.00300	1	12/18/2021 05:55	WG1790817
(S) Toluene-d8	*104*			*80.0-120*		*12/18/2021 05:55*	WG1790817
(S) Toluene-d8	*109*			*80.0-120*		*12/22/2021 15:33*	WG1793679
(S) 4-Bromofluorobenzene	*93.1*			*77.0-126*		*12/18/2021 05:55*	WG1790817
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*12/22/2021 15:33*	WG1793679
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*12/18/2021 05:55*	WG1790817
(S) 1,2-Dichloroethane-d4	*88.5*			*70.0-130*		*12/22/2021 15:33*	WG1793679

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	12/22/2021 15:12	WG1793679
Toluene	U		0.000278	0.00100	1	12/22/2021 15:12	WG1793679
Ethylbenzene	U		0.000137	0.00100	1	12/22/2021 15:12	WG1793679
Total Xylenes	U		0.000174	0.00300	1	12/22/2021 15:12	WG1793679
(S) Toluene-d8	*108*			*80.0-120*		*12/22/2021 15:12*	WG1793679
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*12/22/2021 15:12*	WG1793679
(S) 1,2-Dichloroethane-d4	*87.2*			*70.0-130*		*12/22/2021 15:12*	WG1793679

Received by OCD: 1/19/2023 6:38:10 AM

TRIP BLANK
Collected date/time: 12/14/21 14:30
L1442843

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	12/17/2021 23:59	WG1790817
Toluene	U		0.000278	0.00100	1	12/17/2021 23:59	WG1790817
Ethylbenzene	U		0.000137	0.00100	1	12/17/2021 23:59	WG1790817
Total Xylenes	U		0.000174	0.00300	1	12/17/2021 23:59	WG1790817
(S) Toluene-d8	*110*			*80.0-120*		*12/17/2021 23:59*	WG1790817
(S) 4-Bromofluorobenzene	*92.3*			*77.0-126*		*12/17/2021 23:59*	WG1790817
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*12/17/2021 23:59*	WG1790817

Released to Imaging: 3/27/2023 10:59:00 AM

Received by OCD: 1/19/2023 6:38:10 AM

MW-20
Collected date/time: 12/14/21 14:10
L1442843

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	0.141		0.0000941	0.00100	1	12/18/2021 06:15	WG1790817
Toluene	U		0.000278	0.00100	1	12/18/2021 06:15	WG1790817
Ethylbenzene	0.0284		0.000137	0.00100	1	12/18/2021 06:15	WG1790817
Total Xylenes	0.0324		0.000174	0.00300	1	12/18/2021 06:15	WG1790817
(S) Toluene-d8	*106*			*80.0-120*		*12/18/2021 06:15*	WG1790817
(S) 4-Bromofluorobenzene	*99.2*			*77.0-126*		*12/18/2021 06:15*	WG1790817
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*12/18/2021 06:15*	WG1790817

Released to Imaging: 3/27/2023 10:59:00 AM

Method Blank (MB)

(MB) R3743837-2 12/17/21 23:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*110*			*80.0-120*
(S) 4-Bromofluorobenzene	*91.3*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3743837-1 12/17/21 23:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00513	103	70.0-123	
Ethylbenzene	0.00500	0.00454	90.8	79.0-123	
Toluene	0.00500	0.00484	96.8	79.0-120	
Xylenes, Total	0.0150	0.0134	89.3	79.0-123	
(S) Toluene-d8			*106*	*80.0-120*	
(S) 4-Bromofluorobenzene			*95.6*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*110*	*70.0-130*	

Method Blank (MB)

(MB) R3744034-2 12/22/21 07:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*105*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*87.5*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3744034-1 12/22/21 07:14

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00431	86.2	70.0-123	
Ethylbenzene	0.00500	0.00406	81.2	79.0-123	
Toluene	0.00500	0.00413	82.6	79.0-120	
Xylenes, Total	0.0150	0.0130	86.7	79.0-123	
(S) Toluene-d8			*106*	*80.0-120*	
(S) 4-Bromofluorobenzene			*104*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*91.4*	*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.

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;bhumphrey@tasman-**

Project Description:
Former Hobbs Booster Station

City/State Collected:

Please Circle: PT MT CT ET

Phone: **720-218-4003**

Client Project #

Lab Project #
DCPTASMAN-HOBBSBOOST

Collected by (print):
BECKY GRIFFIN

Site/Facility ID #

P.O. #
0000524225

Collected by (signature):
Becky Griffin

Immediately Packed on Ice N ___ Y ✓

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody

Pace Analytical®

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 # L1442843

Table **J161**

Acctnum: **DCPTASMAN**
Template: **T155790**
Prelogin: **P891818**
PM: **824 - Chris Ward**
PB: 12/16/21 VM
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-14		GW		12-14-21	1120	3	X		-01
MW-15		GW			1300				-02
MW-16		GW			1325				-03
MW-19		GW			0950				-04
MW-19D		GW			1010				-05
MW-20		GW			0925				-06
MW-21		GW			1035				-07
MW-22		GW							
MW-23		GW			1055				-08
MW-24		GW			1150				-09

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 5433 8388 5697

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

	Date:	Time:		
Relinquished by : (Signature) Becky Griffin	12-14-21	1500	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.2 °C Bottles Received: 48
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/15/21 Time: 0930

If preservation required by Login: Date/Time

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

Analysis / Container / Preservative

Chain of Custody

Pace Analytical®

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

Report to: Kyle Norman

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

Project Description: Former Hobbs Booster Station

City/State Collected:

Please Circle: PT MT CT ET

Phone: 720-218-4003

Client Project #

Lab Project #: DCPTASMAN-HOBBSBOOST

SDG #: L1442843

Table #

Collected by (print): BECKY GRIFFIN

Site/Facility ID #

P.O. #: 000524225

Acctnum: DCPTASMAN

Template: T155790

Prelogin: P891818

PM: 824 - Chris Ward

PB: 12/6/21 mg

Shipped Via: FedEX Ground

Collected by (signature): Becky Griffin

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

Immediately Packed on Ice N ___ Y ___

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-25		GW		12-14-21	1245	3	X		-10
MW-27		GW		↓	0835	↓	↓		-11
MW-28		GW			0815				-12
MW-29		GW			0900				-13
DUPLICATE A		GW							-14
DUPLICATE B		GW							-15
TRIP BLANK		GW			1430				-16
MW-26		GW			1410				-17

* 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 # 5433 8348 5697

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:	
Becky Griffin	12-14-21	1500		Yes / No HCl / MeoH TBR	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: NSA 1.1+0=1.1	Bottles Received: 48
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/15/21	Time: 0920

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 177338

CONDITIONS

Operator:	OGRID:
DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	36785
	Action Number: 177338
	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