Third Quarter 2020 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 September 22 and 23, 2020, 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 third quarter 2020 monitoring event on September 22 and 23, 2020. 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 third

quarter 2020 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 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 not gauged due to the presence of passive LNAPL bailers.

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 2020 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 2020 (9/22/2020)
Maximum Elevation (Well ID)	3,573.01’ (MW-6)
Minimum Elevation (Well ID)	3,563.28’ (MW-28)
Average Change from Previous Monitoring Event – All Wells	-0.34 feet
Hydraulic Gradient (ft/ft) / (Well IDs)	0.0049 (MW-6 to MW-28)

LNAPL was detected in seven (7) of the monitoring wells that were gauged during the third quarter 2020 with thicknesses ranging between 0.30 feet in TW-T-R, to 3.17 feet in MW-1. Groundwater was not detected in wells TW-K and TW-U, although TW-K was not measured and LNAPL was detected in TW-U but groundwater was not and was recorded from the depth to product (DTP) to the total depth (TD) of the well at about 0.97 feet for TW-U.. 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 2020 water quality samples were collected from 18 monitoring wells on September 23,2020.

Table 2 summarizes BTEX concentrations in groundwater samples collected during the third quarter 2020. Analytical results are also displayed in Figure 4. Historical analytical results, up to and including the third quarter 2020 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 13 of the 18 sampled wells. Benzene concentrations in MW-14 (0.00803 milligrams per liter [mg/L]; 0.0075 mg/L Duplicate); MW-18 (0.0196 mg/L); MW-19D ((0.302 milligrams per liter [mg/L]; 0.282 mg/L Duplicate); MW-23 (0.0352 mg/L) and MW-29 (0.103 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 2020 include the following:

- Target analytes were not detected in the trip blank, and;
- MW-14 and the associated duplicate sample exhibited benzene concentrations of 0.00803 mg/L and 0.0075 mg/L, respectively. The calculated relative percent difference (RPD) is 6.7%, which is within the target range of 20%.
- MW-19D and the associated duplicate sample exhibited benzene concentrations of 0.302 mg/L and 0.282 mg/L, respectively. The calculated relative percent difference (RPD) is 6.8%, 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 2020. An evaluation of system performance is also provided based on collected information.

4.1 Remediation System Layout

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

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

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

4.2 Vacuum-Enhanced Extraction Observations

As discussed within the second quarter 2014 monitoring report, soil vapor extraction (SVE) was discontinued at the Site and was not re-initiated during the third quarter 2020.

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 331 gallons of LNAPL were recovered from the extraction wells throughout 2020 (measured between December 5, 2019 and September 4, 2020). Measurements will be collected during the next monitoring event.
- After Spill Buster installation, approximately 32,046 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 2,485 gallons of LNAPL.

Passive bailers were installed on March 14, 2019 in wells MW-10 and MW-17 and approximately 2.5 gallons of LNAPL have been removed since early 2019 and measurements are planned to be collected during the fourth quarter 2020 monitoring event. .

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 (0.00803 mg/L; duplicate sample 0.0075 mg/L) exhibited dissolved benzene concentrations above the NMWQCC standard during the third quarter 2020 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 third quarter 2020, benzene concentrations were reported below the NMWQCC standard for a fourth consecutive quarterly monitoring period. 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 third quarter 2020 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, 18, 19D, 23 and 29, the benzene concentration was reported above the NMWQCC groundwater standards during the third quarter 2020. 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-27and 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 fourth quarter 2020 and first quarter 2021 groundwater monitoring event, 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.

Tables

TABLE 1
THIRD QUARTER 2020
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	09/24/2019	58.15	54.72	3.43	NM	3626.06	3570.48	-0.30
MW-1	12/16/2019	58.16	54.82	3.34	NM	3626.06	3570.41	-0.08
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-2	09/24/2019	51.85	49.65	2.20	NM	3623.14	3572.94	-0.33
MW-2	12/16/2019	51.82	49.64	2.18	NM	3623.14	3572.96	0.01
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-3	09/24/2019	50.45			NM	3623.01	3572.56	-0.27
MW-3	12/16/2019	50.38			NM	3623.01	3572.63	0.07
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-5	09/24/2019	58.01			NM	3629.16	3571.15	-0.29
MW-5	12/16/2019	58.04			NM	3629.16	3571.12	-0.03
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-6	09/24/2019	53.49			NM	3626.93	3573.44	-0.29
MW-6	12/16/2019	53.53			NM	3626.93	3573.40	-0.04
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-7	09/24/2019	DRY			44.70	3621.40	DRY	NA
MW-7	12/16/2019	DRY			44.70	3621.40	DRY	NA
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-9	09/24/2019	61.48	56.30	5.18	NM	3625.21	3567.62	-0.29
MW-9	12/16/2019	61.53	56.43	5.10	NM	3625.21	3567.51	-0.11
MW-9	06/16/2020	61.70	56.66	5.04	NM	3625.21	3567.29	-0.32
MW-9	09/22/2020	61.87	59.85	2.02	NM	3625.21	3564.86	-2.65
MW-10	09/24/2019	NM	NM		NM	3621.07	NA	NA
MW-10	12/16/2019	NM	NM		NM	3621.07	NA	NA
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-12**	09/24/2019	NM	NM		NM	3626.60	NA	NA
MW-12**	12/16/2019	NM	NM		NM	3626.60	NA	NA
MW-12**	06/16/2020	NM	NM		NM	3626.60	NA	NA
MW-12**	09/22/2020	NM	NM		NM	3626.60	NA	NA

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MW-14	09/24/2019	53.77			NM	3621.42	3567.65	-0.30
MW-14	12/16/2019	53.86			NM	3621.42	3567.56	-0.09
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-15	09/24/2019	49.52			NM	3619.39	3569.87	-0.34
MW-15	12/16/2019	49.57			NM	3619.39	3569.82	-0.05
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-16	09/24/2019	49.44			NM	3621.87	3572.43	-0.34
MW-16	12/16/2019	49.41			NM	3621.87	3572.46	0.03
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-17	09/24/2019	NM	NM		NM	3623.94	NA	NA
MW-17	12/16/2019	NM	NM		NM	3623.94	NA	NA
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-18	09/24/2019	59.21			NM	3624.30	3565.09	-0.30
MW-18	12/16/2019	59.32			NM	3624.30	3564.98	-0.11
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-19	09/24/2019	59.66			NM	3624.12	3564.46	-0.28
MW-19	12/16/2019	59.77			NM	3624.12	3564.35	-0.11
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-19D	09/24/2019	59.64			NM	3623.79	3564.15	-0.29
MW-19D	12/16/2019	59.74			NM	3623.79	3564.05	-0.10
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-20	09/24/2019	57.25			NM	3621.49	3564.24	-0.29
MW-20	12/16/2019	57.37			NM	3621.49	3564.12	-0.12
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-21	09/24/2019	59.09			NM	3624.25	3565.16	-0.30
MW-21	12/16/2019	59.17			NM	3624.25	3565.08	-0.08
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

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MW-22	09/24/2019	60.84			NM	3625.16	3564.32	-0.29
MW-22	12/16/2019	60.96			NM	3625.16	3564.20	-0.12
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-23	09/24/2019	53.36			NM	3621.16	3567.80	-0.30
MW-23	12/16/2019	53.46			NM	3621.16	3567.70	-0.10
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-24	09/24/2019	51.49			NM	3619.27	3567.78	-0.33
MW-24	12/16/2019	51.56			NM	3619.27	3567.71	-0.07
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-25	09/24/2019	52.47			NM	3619.73	3567.26	-0.32
MW-25	12/16/2019	52.55			NM	3619.73	3567.18	-0.08
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-26	09/24/2019	60.41			76.10	3625.59	3565.18	-0.27
MW-26	12/16/2019	60.61			76.10	3625.59	3564.98	-0.20
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-27	09/24/2019	61.58			71.90	3626.44	3564.86	-0.26
MW-27	12/16/2019	61.75			71.90	3626.44	3564.69	-0.17
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-28	09/24/2019	61.48			74.82	3625.41	3563.93	-0.25
MW-28	12/16/2019	61.63			74.82	3625.41	3563.78	-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-29	09/24/2019	60.66			76.59	3624.59	3563.93	-0.27
MW-29	12/16/2019	60.77			76.59	3624.59	3563.82	-0.11
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
TW-H	12/16/2019	52.77	50.71	2.06	NM	3622.30	3571.08	-0.03
TW-H	12/16/2019	52.77	50.71	2.06	NM	3622.30	3571.08	0.00
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

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TW-K***	09/24/2019	NM	60.65	1.42	62.07	3628.95	NA	NA
TW-K***	12/16/2019	NM	60.85	1.30	62.15	3628.95	NA	NA
TW-K***	06/16/2020	NM	60.85	1.30	62.15	3628.95	NA	NA
TW-K***	09/22/2020	NM	NM	#VALUE!	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	09/24/2019	60.11			76.53	3625.90	3565.79	-0.26
TW-T-R	12/16/2019	60.35	60.29	0.06	76.53	3625.90	3565.60	-0.19
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-U***	09/24/2019	NM	62.27	1.71	63.98	3628.67	NA	NA
TW-U***	12/16/2019	NM	62.42	1.56	63.98	3628.67	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-V	09/24/2019	62.75			NM	3628.54	3565.79	-0.29
TW-V	12/16/2019	DRY			63.10	3628.54	DRY	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-W	09/24/2019	61.80	59.70	2.10	NM	3626.88	3566.66	-0.23
TW-W	12/16/2019	61.81	59.88	1.93	NM	3626.88	3566.52	-0.14
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
Average change in groundwater elevation (6/16/2020 to 9/22/2020)								-0.34

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.

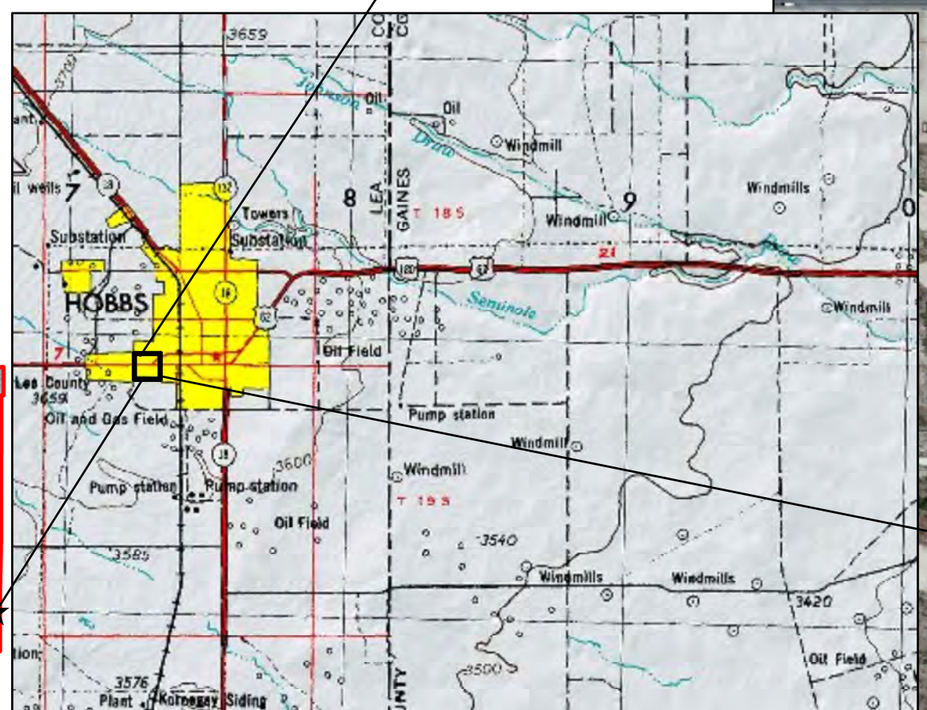
TABLE 2
THIRD QUARTER 2020
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

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	09/23/2020	LNAPL				Annual Event
MW-2	09/23/2020	LNAPL				Annual Event
MW-3	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-5	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-6	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-7	09/23/2020	DRY				Annual Event
MW-9	09/22/2020	LNAPL				Annual Event
MW-10	09/23/2020	NM				Passive Bailer in Well
MW-12	09/23/2020	NS	NS	NS	NS	Spill Buster in Well
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-15	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-17	09/23/2020	Not Measured				Passive Bailer in Well
MW-18	09/23/2020	**0.0196**	<0.00100	<0.00100	<0.00300	Annual Event
MW-19	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
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-20	09/23/2020	0.000116 J	<0.00100	<0.00100	<0.00300	
MW-21	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-23	09/23/2020	**0.0352**	0.000416 J	0.0234	0.00535	
MW-24	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-26	09/23/2020	NS	NS	NS	NS	
MW-27	09/23/2020	0.0000997 J	<0.00100	<0.00100	<0.00300	
MW-28	09/23/2020	0.00444	<0.00100	0.00115	0.000675 J	
MW-29	09/23/2020	**0.103**	<0.00100	0.00732	0.00514	
Trip Blank	09/22/2020	<0.0010	<0.0010	<0.0010	<0.0030	

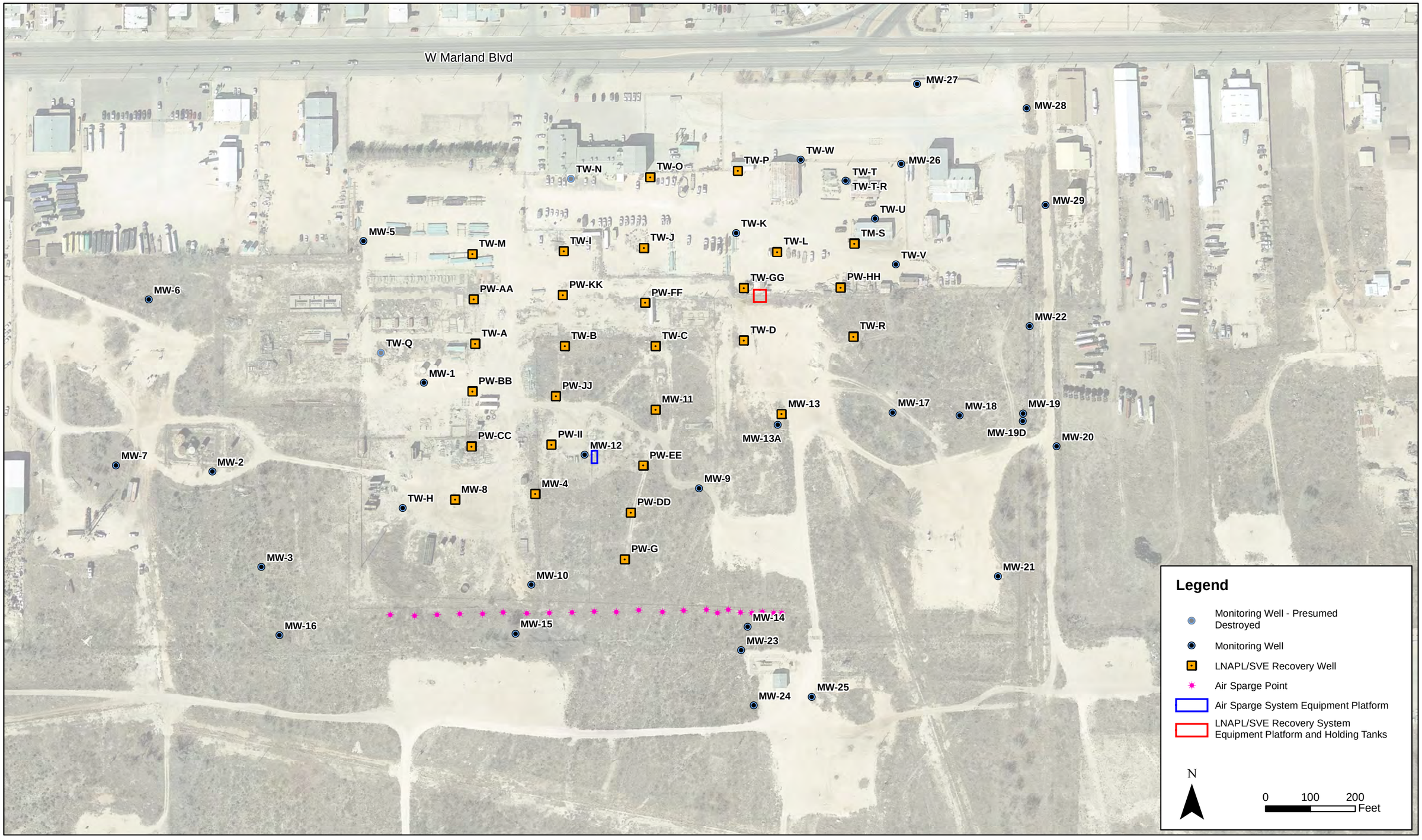
Notes:
Bold red values indicate an exceedance of the NMWQCC groundwater standards for the Site.
NMWQCC = New Mexico Water Quality Control Commission
LNAPL = Light Non-Aqueous Phase Liquid
J = A qualifier indicating an estimated value of a concentration above the laboratory's Method Detection Limit (MDL) 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** Third Quarter 2020 Groundwater Monitoring Summary Report	Site Map with Monitoring Well Locations	Figure 2

W Marland Blvd

3564.00
3565.00
3566.00
3567.00
3568.00
3569.00
3570.00
3571.00
3572.00

MW-27 3564.21
MW-28 3563.28
TW-W* 3566.10
MW-26 3564.53
TW-T-R* 3565.13
TW-T
TW-P
TW-O
TW-N
MW-29 3563.32
TW-U** NM
TW-K** NM
TM-S
TW-L
TW-J
TW-I
TW-M
MW-5 3570.99
TW-V 3565.56
TW-GG
PW-HH
MW-6 3573.01
PW-AA
PW-KK
PW-FF
MW-22 DRY
TW-R
TW-D
TW-A
TW-B
TW-C
TW-Q
MW-1* 3570.07
PW-BB
PW-JJ
MW-17 NM
MW-18 3564.52
MW-19 3563.86
MW-11
MW-13
MW-13A
PW-II
MW-19D 3563.54
MW-20 3563.60
MW-7 DRY
MW-2* 3572.44
PW-CC
MW-12 NM
PW-EE
TW-H* 3570.62
MW-9* 3564.86
MW-8
MW-4
PW-DD
PW-G
MW-3 3572.06
MW-10 NM
MW-21 3564.54
MW-16 3571.85
MW-15 3569.30
MW-14 3567.10
MW-23 3567.22
MW-25 3566.64
MW-24 3567.17

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

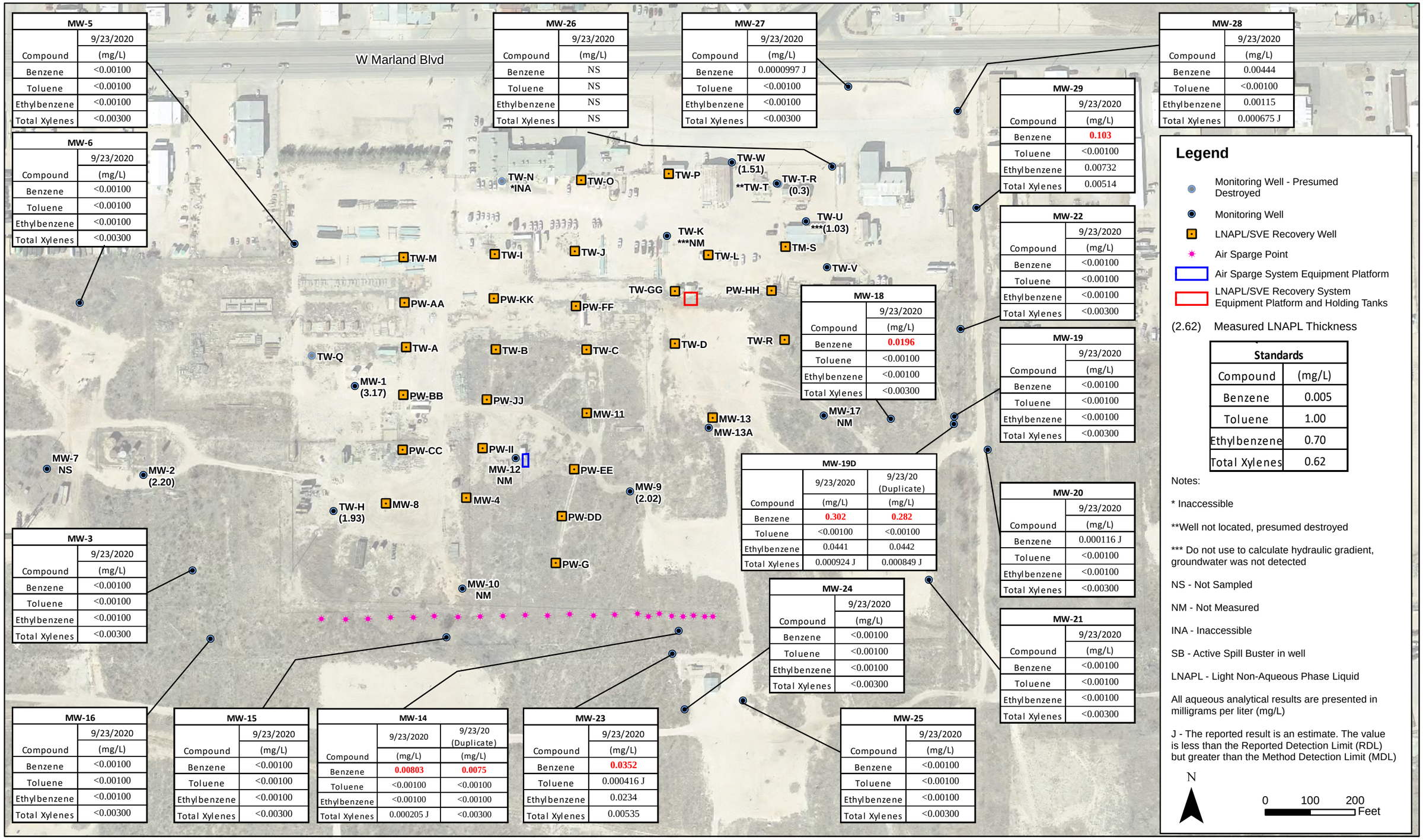
DATE: October 2020
DESIGNED BY: B.Humphrey
DRAWN BY: J. Clonts

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

DCP Midstream
Hobbs Booster Station
Third Quarter 2020 Groundwater Monitoring Summary Report

Groundwater Elevation Contour Map (September 22, 2020)

Figure 3



MW-5

Compound	9/23/2020 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-6

Compound	9/23/2020 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-26

Compound	9/23/2020 (mg/L)
Benzene	NS
Toluene	NS
Ethylbenzene	NS
Total Xylenes	NS

MW-27

Compound	9/23/2020 (mg/L)
Benzene	0.0000997 J
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-28

Compound	9/23/2020 (mg/L)
Benzene	0.00444
Toluene	<0.00100
Ethylbenzene	0.00115
Total Xylenes	0.000675 J

MW-29

Compound	9/23/2020 (mg/L)
Benzene	**0.103**
Toluene	<0.00100
Ethylbenzene	0.00732
Total Xylenes	0.00514

MW-22

Compound	9/23/2020 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-18

Compound	9/23/2020 (mg/L)
Benzene	**0.0196**
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-19

Compound	9/23/2020 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-19D

Compound	9/23/2020 (mg/L)	9/23/20 (Duplicate) (mg/L)
Benzene	**0.302**	**0.282**
Toluene	<0.00100	<0.00100
Ethylbenzene	0.0441	0.0442
Total Xylenes	0.000924 J	0.000849 J

MW-20

Compound	9/23/2020 (mg/L)
Benzene	0.000116 J
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-24

Compound	9/23/2020 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-21

Compound	9/23/2020 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-3

Compound	9/23/2020 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-16

Compound	9/23/2020 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-15

Compound	9/23/2020 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-14

Compound	9/23/2020 (mg/L)	9/23/20 (Duplicate) (mg/L)
Benzene	**0.00803**	**0.0075**
Toluene	<0.00100	<0.00100
Ethylbenzene	<0.00100	<0.00100
Total Xylenes	0.000205 J	<0.00300

MW-23

Compound	9/23/2020 (mg/L)
Benzene	**0.0352**
Toluene	0.000416 J
Ethylbenzene	0.0234
Total Xylenes	0.00535

MW-25

Compound	9/23/2020 (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

NS - Not Sampled

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: October 2020

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 2020 Groundwater Monitoring Summary Report

Analytical Results Map (September 23, 2020)

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-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-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-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	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

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	09/11/2018	<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-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-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-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-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	

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	06/06/2012	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-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-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

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-14 - Duplicate	06/03/2014	**0.0209**	<0.002	0.00058 J	<0.003	
MW-14	09/23/2014	**0.1**	<0.001	0.00066 J	0.0026	Duplicate A Sample Collected
MW-14 (Duplicate)	09/23/2014	**0.0673**	<0.001	0.00064 J	0.0017	
MW-14	12/03/2014	**0.0186**	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	12/03/2014	**0.0216**	<0.001	0.00034 J	0.00081 J	
MW-14	02/25/2015	**0.046**	<0.005	<0.005	<0.015	Duplicate Sample Collected
MW-14 (Duplicate)	02/25/2015	**0.046**	<0.005	<0.005	<0.015	
MW-14	06/03/2015	0.0077	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	06/03/2015	**0.061**	<0.001	<0.001	0.0047	
MW-14	09/01/2015	**0.031**	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	09/01/2015	**0.062**	<0.001	<0.001	<0.003	
MW-14	12/16/2015	**0.12**	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	12/16/2015	**0.056**	<0.001	<0.001	<0.003	
MW-14	03/23/2016	**0.01**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	03/23/2016	**0.06**	<0.0010	<0.0010	<0.0030	
MW-14	06/23/2016	**0.01**	<0.0010	<0.0010	<0.0030	Duplicate Sample Collected
MW-14 (Duplicate)	06/23/2016	**0.017**	<0.0010	<0.0010	<0.0030	
MW-14	09/29/2016	**0.031**	<0.0010	<0.0010	<0.0030	Duplicate Sample Collected
MW-14 (Duplicate)	09/29/2016	**0.037**	<0.0010	<0.0010	<0.0030	
MW-14	12/21/2016	**0.047**	<0.0010	<0.0010	<0.0030	Duplicate Sample Collected
MW-14 (Duplicate)	12/21/2016	**0.015**	<0.0010	<0.0010	<0.0010	
MW-14	03/09/2017	**0.013**	<0.0010	<0.0010	<0.0010	Duplicate Sample Collected
MW-14 (Duplicate)	03/09/2017	**0.027**	<0.0010	<0.0010	<0.0010	
MW-14	06/21/2017	**0.11**	<0.0010	0.0023	0.0016	Duplicate Sample Collected
MW-14 (Duplicate)	06/21/2017	**0.14**	<0.0010	0.0018	0.0018	
MW-14	09/26/2017	**0.35**	<0.0010	0.00237	0.00418	Duplicate sample collected
MW-14 (Duplicate)	09/26/2017	**0.339**	<0.0010	0.00265	0.00448	
MW-14	12/20/2017	**0.127**	<0.005	<0.005	<0.015	Duplicate sample collected
MW-14 (Duplicate)	12/20/2017	**0.138**	<0.001	0.000411 J	<0.0030	
MW-14	03/13/2018	**0.0413**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	03/13/2018	**0.0396**	<0.0010	<0.0010	<0.0030	
MW-14	06/27/2018	**0.0506**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	06/27/2018	**0.0356**	<0.0010	<0.0010	<0.0030	
MW-14	09/11/2018	**0.0543**	<0.0010	0.000764 J	0.00204 J	Duplicate sample collected
MW-14 (Duplicate)	09/11/2018	**0.0593**	<0.0010	0.000654 J	0.00182 J	
MW-14	12/27/2018	**0.115**	<0.0010	0.00142	0.00730	Duplicate sample collected
MW-14 (Duplicate)	12/27/2018	**0.120**	<0.0010	0.00150	0.00785	
MW-14	03/15/2019	**0.148**	<0.0010	0.00039 J	0.00174 J	Duplicate sample collected
MW-14 (Duplicate)	03/15/2019	**0.119**	<0.0010	<0.0010	0.00159 J	
MW-14	06/06/2019	**0.142**	0.000465 J	<0.0010	0.00197 J	Duplicate sample collected
MW-14 (Duplicate)	06/06/2019	**0.138**	<0.0010	<0.0010	0.00158 J	
MW-14	09/25/2019	**0.173**	<0.0010	<0.0010	<0.0030	Duplicate A sample collected
MW-14 (Duplicate)	09/25/2019	**0.170**	<0.0010	0.000401 J	<0.0030	
MW-14	12/16/2019	**0.0851**	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	12/16/2019	**0.170**	<0.0010	0.000401 J	<0.0030	
MW-14	06/16/2020	**0.0398**	<0.0010	<0.0010	0.000367 J	Duplicate sample collected
MW-14 (Duplicate)	06/16/2020	**0.0395**	<0.0010	<0.0010	0.000351 J	
MW-14	09/23/2020	**0.00803**	<0.00100	<0.00100	0.000205 J	Duplicate A sample collected
MW-14 (Duplicate)	09/23/2020	**0.0075**	<0.00100	<0.00100	<0.00300	
MW-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	

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

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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	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	12/20/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	03/29/2007	0.00043	<0.002	<0.002	<0.006	
MW-16	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-16	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-16	11/28/2007	<0.0012	<0.002	<0.002	<0.006	
MW-16	03/06/2008	<0.002	<0.002	<0.002	<0.006	
MW-16	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-16	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	03/09/2010	<0.001	<0.002	0.0028	-	
MW-16	06/14/2010	<0.001	<0.002	<0.30	-	
MW-16	09/14/2010	<0.001	<0.002	<0.00030	-	
MW-16	12/07/2010	<0.001	<0.002	<0.00030	-	
MW-16	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-16	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-16	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-16	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-16	09/23/2014	<0.001	<0.001	<0.001	<0.001	MS/MSD Collected
MW-16	12/03/2014	<0.001	<0.001	<0.001	<0.003	MS/MSD Collected
MW-16	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
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-17	09/24/2014	LNAPL				Annual Event
MW-17	09/01/2015	LNAPL				Annual Event
MW-17	09/28/2016	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-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-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-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	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-19	06/23/2016	<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-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	

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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	12/03/2014	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-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	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.01**	**1.00**	**0.75**	**0.62**	
MW-20	12/02/2013	<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-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-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	

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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-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-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	

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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	09/01/2015	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-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	

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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	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-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	

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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-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-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-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-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	
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	

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 #: L1266160

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

October 05, 2020

DCP Midstream - Tasman

Sample Delivery Group:	L1266160
Samples Received:	09/24/2020
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

TABLE OF CONTENTS

MW-3 L1266160-01 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 08:35 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551827	1	10/01/20 10:48	10/01/20 10:48	TJJ	Mt. Juliet, TN

MW-5 L1266160-02 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 10:15 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551827	1	10/01/20 11:09	10/01/20 11:09	TJJ	Mt. Juliet, TN

MW-6 L1266160-03 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 08:15 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551827	1	10/01/20 11:29	10/01/20 11:29	TJJ	Mt. Juliet, TN

MW-14 L1266160-04 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 10:35 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551827	1	10/01/20 11:50	10/01/20 11:50	TJJ	Mt. Juliet, TN

MW-15 L1266160-05 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 09:30 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551827	1	10/01/20 12:11	10/01/20 12:11	TJJ	Mt. Juliet, TN

MW-16 L1266160-06 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 09:05 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551827	1	10/01/20 12:31	10/01/20 12:31	TJJ	Mt. Juliet, TN

MW-18 L1266160-07 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 11:40 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551827	1	10/01/20 12:52	10/01/20 12:52	TJJ	Mt. Juliet, TN

MW-19 L1266160-08 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 12:25 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551827	1	10/01/20 13:13	10/01/20 13:13	TJJ	Mt. Juliet, TN

MW-19D L1266160-09 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 12:45 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551827	1	10/01/20 13:33	10/01/20 13:33	TJJ	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1553386	5	10/03/20 01:06	10/03/20 01:06	ACG	Mt. Juliet, TN

MW-20 L1266160-10 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 12:35 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551827	1	10/01/20 13:54	10/01/20 13:54	TJJ	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1553386	1	10/03/20 00:42	10/03/20 00:42	ACG	Mt. Juliet, TN

MW-21 L1266160-11 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 11:20 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551827	1	10/01/20 14:39	10/01/20 14:39	TJJ	Mt. Juliet, TN

MW-22 L1266160-12 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 13:35 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551833	1	09/30/20 22:21	09/30/20 22:21	TJJ	Mt. Juliet, TN

MW-23 L1266160-13 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 10:55 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551833	1	09/30/20 22:42	09/30/20 22:42	TJJ	Mt. Juliet, TN

MW-24 L1266160-14 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 09:55 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551833	1	09/30/20 23:02	09/30/20 23:02	TJJ	Mt. Juliet, TN

MW-25 L1266160-15 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 10:15 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551833	1	09/30/20 23:23	09/30/20 23:23	TJJ	Mt. Juliet, TN

MW-27 L1266160-16 GW

Collected by: Becky Griffin | Collected date/time: 09/22/20 08:40 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551833	1	09/30/20 23:43	09/30/20 23:43	TJJ	Mt. Juliet, TN

MW-28 L1266160-17 GW

Collected by: Becky Griffin | Collected date/time: 09/22/20 08:15 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551833	1	10/01/20 00:04	10/01/20 00:04	TJJ	Mt. Juliet, TN

MW-29 L1266160-18 GW

Collected by: Becky Griffin | Collected date/time: 09/22/20 12:15 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551833	1	10/01/20 00:24	10/01/20 00:24	TJJ	Mt. Juliet, TN

DUPLICATE A L1266160-19 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 00:00 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551833	1	10/01/20 00:45	10/01/20 00:45	TJJ	Mt. Juliet, TN

DUPLICATE B L1266160-20 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 00:00 | Received date/time: 09/24/20 09:30

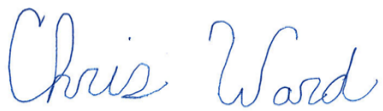
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551833	1	10/01/20 01:05	10/01/20 01:05	TJJ	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1552777	5	10/02/20 15:25	10/02/20 15:25	TJJ	Mt. Juliet, TN

TRIP BLANK L1266160-21 GW

Collected by: Becky Griffin | Collected date/time: 09/23/20 15:00 | Received date/time: 09/24/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1551833	1	09/30/20 21:40	09/30/20 21:40	TJJ	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	U		0.0000941	0.00100	1	10/01/2020 10:48	WG1551827
Toluene	U		0.000278	0.00100	1	10/01/2020 10:48	WG1551827
Ethylbenzene	U		0.000137	0.00100	1	10/01/2020 10:48	WG1551827
Total Xylenes	U		0.000174	0.00300	1	10/01/2020 10:48	WG1551827
(S) Toluene-d8	*99.8*			*80.0-120*		*10/01/2020 10:48*	WG1551827
(S) 4-Bromofluorobenzene	*96.8*			*77.0-126*		*10/01/2020 10:48*	WG1551827
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*		*10/01/2020 10:48*	WG1551827

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	10/01/2020 11:09	WG1551827
Toluene	U		0.000278	0.00100	1	10/01/2020 11:09	WG1551827
Ethylbenzene	U		0.000137	0.00100	1	10/01/2020 11:09	WG1551827
Total Xylenes	U		0.000174	0.00300	1	10/01/2020 11:09	WG1551827
(S) Toluene-d8	*98.8*			*80.0-120*		*10/01/2020 11:09*	WG1551827
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*		*10/01/2020 11:09*	WG1551827
(S) 1,2-Dichloroethane-d4	*96.0*			*70.0-130*		*10/01/2020 11:09*	WG1551827

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	10/01/2020 11:29	WG1551827
Toluene	U		0.000278	0.00100	1	10/01/2020 11:29	WG1551827
Ethylbenzene	U		0.000137	0.00100	1	10/01/2020 11:29	WG1551827
Total Xylenes	U		0.000174	0.00300	1	10/01/2020 11:29	WG1551827
(S) Toluene-d8	*99.2*			*80.0-120*		*10/01/2020 11:29*	WG1551827
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*10/01/2020 11:29*	WG1551827
(S) 1,2-Dichloroethane-d4	*97.2*			*70.0-130*		*10/01/2020 11:29*	WG1551827

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	0.00803		0.0000941	0.00100	1	10/01/2020 11:50	WG1551827
Toluene	U		0.000278	0.00100	1	10/01/2020 11:50	WG1551827
Ethylbenzene	U		0.000137	0.00100	1	10/01/2020 11:50	WG1551827
Total Xylenes	0.000205	J	0.000174	0.00300	1	10/01/2020 11:50	WG1551827
(S) Toluene-d8	*100*			*80.0-120*		*10/01/2020 11:50*	WG1551827
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*10/01/2020 11:50*	WG1551827
(S) 1,2-Dichloroethane-d4	*97.5*			*70.0-130*		*10/01/2020 11:50*	WG1551827

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	10/01/2020 12:11	WG1551827
Toluene	U		0.000278	0.00100	1	10/01/2020 12:11	WG1551827
Ethylbenzene	U		0.000137	0.00100	1	10/01/2020 12:11	WG1551827
Total Xylenes	U		0.000174	0.00300	1	10/01/2020 12:11	WG1551827
(S) Toluene-d8	*93.1*			*80.0-120*		*10/01/2020 12:11*	WG1551827
(S) 4-Bromofluorobenzene	*88.1*			*77.0-126*		*10/01/2020 12:11*	WG1551827
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*10/01/2020 12:11*	WG1551827

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	10/01/2020 12:31	WG1551827
Toluene	U		0.000278	0.00100	1	10/01/2020 12:31	WG1551827
Ethylbenzene	U		0.000137	0.00100	1	10/01/2020 12:31	WG1551827
Total Xylenes	U		0.000174	0.00300	1	10/01/2020 12:31	WG1551827
(S) Toluene-d8	*99.8*			*80.0-120*		*10/01/2020 12:31*	WG1551827
(S) 4-Bromofluorobenzene	*98.2*			*77.0-126*		*10/01/2020 12:31*	WG1551827
(S) 1,2-Dichloroethane-d4	*99.7*			*70.0-130*		*10/01/2020 12:31*	WG1551827

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	0.0196		0.0000941	0.00100	1	10/01/2020 12:52	WG1551827
Toluene	U		0.000278	0.00100	1	10/01/2020 12:52	WG1551827
Ethylbenzene	U		0.000137	0.00100	1	10/01/2020 12:52	WG1551827
Total Xylenes	U		0.000174	0.00300	1	10/01/2020 12:52	WG1551827
(S) Toluene-d8	*100*			*80.0-120*		*10/01/2020 12:52*	WG1551827
(S) 4-Bromofluorobenzene	*98.2*			*77.0-126*		*10/01/2020 12:52*	WG1551827
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*10/01/2020 12:52*	WG1551827

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	10/01/2020 13:13	WG1551827
Toluene	U		0.000278	0.00100	1	10/01/2020 13:13	WG1551827
Ethylbenzene	U		0.000137	0.00100	1	10/01/2020 13:13	WG1551827
Total Xylenes	U		0.000174	0.00300	1	10/01/2020 13:13	WG1551827
(S) Toluene-d8	*101*			*80.0-120*		*10/01/2020 13:13*	WG1551827
(S) 4-Bromofluorobenzene	*95.9*			*77.0-126*		*10/01/2020 13:13*	WG1551827
(S) 1,2-Dichloroethane-d4	*98.3*			*70.0-130*		*10/01/2020 13:13*	WG1551827

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	0.302		0.000471	0.00500	5	10/03/2020 01:06	WG1553386
Toluene	U		0.000278	0.00100	1	10/01/2020 13:33	WG1551827
Ethylbenzene	0.0441		0.000137	0.00100	1	10/01/2020 13:33	WG1551827
Total Xylenes	0.000924	J	0.000174	0.00300	1	10/01/2020 13:33	WG1551827
(S) Toluene-d8	*102*			*80.0-120*		*10/01/2020 13:33*	WG1551827
(S) Toluene-d8	*107*			*80.0-120*		*10/03/2020 01:06*	WG1553386
(S) 4-Bromofluorobenzene	*96.6*			*77.0-126*		*10/01/2020 13:33*	WG1551827
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*10/03/2020 01:06*	WG1553386
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*10/01/2020 13:33*	WG1551827
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*10/03/2020 01:06*	WG1553386

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	0.000116	J	0.0000941	0.00100	1	10/03/2020 00:42	WG1553386
Toluene	U		0.000278	0.00100	1	10/01/2020 13:54	WG1551827
Ethylbenzene	U		0.000137	0.00100	1	10/01/2020 13:54	WG1551827
Total Xylenes	U		0.000174	0.00300	1	10/01/2020 13:54	WG1551827
(S) Toluene-d8	*103*			*80.0-120*		*10/01/2020 13:54*	WG1551827
(S) Toluene-d8	*109*			*80.0-120*		*10/03/2020 00:42*	WG1553386
(S) 4-Bromofluorobenzene	*98.6*			*77.0-126*		*10/01/2020 13:54*	WG1551827
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*10/03/2020 00:42*	WG1553386
(S) 1,2-Dichloroethane-d4	*96.4*			*70.0-130*		*10/01/2020 13:54*	WG1551827
(S) 1,2-Dichloroethane-d4	*98.1*			*70.0-130*		*10/03/2020 00:42*	WG1553386

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	10/01/2020 14:39	WG1551827
Toluene	U		0.000278	0.00100	1	10/01/2020 14:39	WG1551827
Ethylbenzene	U		0.000137	0.00100	1	10/01/2020 14:39	WG1551827
Total Xylenes	U		0.000174	0.00300	1	10/01/2020 14:39	WG1551827
(S) Toluene-d8	*101*			*80.0-120*		*10/01/2020 14:39*	WG1551827
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*		*10/01/2020 14:39*	WG1551827
(S) 1,2-Dichloroethane-d4	*96.2*			*70.0-130*		*10/01/2020 14:39*	WG1551827

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	09/30/2020 22:21	WG1551833
Toluene	U		0.000278	0.00100	1	09/30/2020 22:21	WG1551833
Ethylbenzene	U		0.000137	0.00100	1	09/30/2020 22:21	WG1551833
Total Xylenes	U		0.000174	0.00300	1	09/30/2020 22:21	WG1551833
(S) Toluene-d8	*94.8*			*80.0-120*		*09/30/2020 22:21*	WG1551833
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*09/30/2020 22:21*	WG1551833
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*09/30/2020 22:21*	WG1551833

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	0.0352		0.0000941	0.00100	1	09/30/2020 22:42	WG1551833
Toluene	0.000416	J	0.000278	0.00100	1	09/30/2020 22:42	WG1551833
Ethylbenzene	0.0234		0.000137	0.00100	1	09/30/2020 22:42	WG1551833
Total Xylenes	0.00535		0.000174	0.00300	1	09/30/2020 22:42	WG1551833
(S) Toluene-d8	*102*			*80.0-120*		*09/30/2020 22:42*	WG1551833
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*09/30/2020 22:42*	WG1551833
(S) 1,2-Dichloroethane-d4	*95.9*			*70.0-130*		*09/30/2020 22:42*	WG1551833

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	09/30/2020 23:02	WG1551833
Toluene	U		0.000278	0.00100	1	09/30/2020 23:02	WG1551833
Ethylbenzene	U		0.000137	0.00100	1	09/30/2020 23:02	WG1551833
Total Xylenes	U		0.000174	0.00300	1	09/30/2020 23:02	WG1551833
(S) Toluene-d8	*99.3*			*80.0-120*		*09/30/2020 23:02*	WG1551833
(S) 4-Bromofluorobenzene	*98.1*			*77.0-126*		*09/30/2020 23:02*	WG1551833
(S) 1,2-Dichloroethane-d4	*95.9*			*70.0-130*		*09/30/2020 23:02*	WG1551833

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	09/30/2020 23:23	WG1551833
Toluene	U		0.000278	0.00100	1	09/30/2020 23:23	WG1551833
Ethylbenzene	U		0.000137	0.00100	1	09/30/2020 23:23	WG1551833
Total Xylenes	U		0.000174	0.00300	1	09/30/2020 23:23	WG1551833
(S) Toluene-d8	*96.1*			*80.0-120*		*09/30/2020 23:23*	WG1551833
(S) 4-Bromofluorobenzene	*95.3*			*77.0-126*		*09/30/2020 23:23*	WG1551833
(S) 1,2-Dichloroethane-d4	*97.0*			*70.0-130*		*09/30/2020 23:23*	WG1551833

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	0.0000997	J	0.0000941	0.00100	1	09/30/2020 23:43	WG1551833
Toluene	U		0.000278	0.00100	1	09/30/2020 23:43	WG1551833
Ethylbenzene	U		0.000137	0.00100	1	09/30/2020 23:43	WG1551833
Total Xylenes	U		0.000174	0.00300	1	09/30/2020 23:43	WG1551833
(S) Toluene-d8	*99.9*			*80.0-120*		*09/30/2020 23:43*	WG1551833
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*09/30/2020 23:43*	WG1551833
(S) 1,2-Dichloroethane-d4	*97.0*			*70.0-130*		*09/30/2020 23:43*	WG1551833

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	0.00444		0.0000941	0.00100	1	10/01/2020 00:04	WG1551833
Toluene	U		0.000278	0.00100	1	10/01/2020 00:04	WG1551833
Ethylbenzene	0.00115		0.000137	0.00100	1	10/01/2020 00:04	WG1551833
Total Xylenes	0.000675	J	0.000174	0.00300	1	10/01/2020 00:04	WG1551833
(S) Toluene-d8	*102*			*80.0-120*		*10/01/2020 00:04*	WG1551833
(S) 4-Bromofluorobenzene	*97.7*			*77.0-126*		*10/01/2020 00:04*	WG1551833
(S) 1,2-Dichloroethane-d4	*94.3*			*70.0-130*		*10/01/2020 00:04*	WG1551833

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	0.103		0.0000941	0.00100	1	10/01/2020 00:24	WG1551833
Toluene	U		0.000278	0.00100	1	10/01/2020 00:24	WG1551833
Ethylbenzene	0.00732		0.000137	0.00100	1	10/01/2020 00:24	WG1551833
Total Xylenes	0.00514		0.000174	0.00300	1	10/01/2020 00:24	WG1551833
(S) Toluene-d8	*98.6*			*80.0-120*		*10/01/2020 00:24*	WG1551833
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*10/01/2020 00:24*	WG1551833
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*		*10/01/2020 00:24*	WG1551833

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	0.00751		0.0000941	0.00100	1	10/01/2020 00:45	WG1551833
Toluene	U		0.000278	0.00100	1	10/01/2020 00:45	WG1551833
Ethylbenzene	U		0.000137	0.00100	1	10/01/2020 00:45	WG1551833
Total Xylenes	U		0.000174	0.00300	1	10/01/2020 00:45	WG1551833
(S) Toluene-d8	*104*			*80.0-120*		*10/01/2020 00:45*	WG1551833
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*10/01/2020 00:45*	WG1551833
(S) 1,2-Dichloroethane-d4	*96.9*			*70.0-130*		*10/01/2020 00:45*	WG1551833

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	0.282		0.000471	0.00500	5	10/02/2020 15:25	WG1552777
Toluene	U		0.000278	0.00100	1	10/01/2020 01:05	WG1551833
Ethylbenzene	0.0442		0.000137	0.00100	1	10/01/2020 01:05	WG1551833
Total Xylenes	0.000849	J	0.000174	0.00300	1	10/01/2020 01:05	WG1551833
(S) Toluene-d8	*102*			*80.0-120*		*10/01/2020 01:05*	WG1551833
(S) Toluene-d8	*105*			*80.0-120*		*10/02/2020 15:25*	WG1552777
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*10/01/2020 01:05*	WG1551833
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*		*10/02/2020 15:25*	WG1552777
(S) 1,2-Dichloroethane-d4	*89.9*			*70.0-130*		*10/01/2020 01:05*	WG1551833
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*10/02/2020 15:25*	WG1552777

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	09/30/2020 21:40	WG1551833
Toluene	U		0.000278	0.00100	1	09/30/2020 21:40	WG1551833
Ethylbenzene	U		0.000137	0.00100	1	09/30/2020 21:40	WG1551833
Total Xylenes	U		0.000174	0.00300	1	09/30/2020 21:40	WG1551833
(S) Toluene-d8	*105*			*80.0-120*		*09/30/2020 21:40*	WG1551833
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*		*09/30/2020 21:40*	WG1551833
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*09/30/2020 21:40*	WG1551833

Method Blank (MB)

(MB) R3577273-2 10/01/20 09:06

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	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.2*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3577273-1 10/01/20 08:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00537	107	70.0-123	
Ethylbenzene	0.00500	0.00451	90.2	79.0-123	
Toluene	0.00500	0.00500	100	79.0-120	
Xylenes, Total	0.0150	0.0137	91.3	79.0-123	
(S) Toluene-d8			*99.6*	*80.0-120*	
(S) 4-Bromofluorobenzene			*96.3*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*96.8*	*70.0-130*	

Method Blank (MB)

(MB) R3576816-2 09/30/20 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	*100*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.7*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3576816-1 09/30/20 20:39

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00532	106	70.0-123	
Ethylbenzene	0.00500	0.00468	93.6	79.0-123	
Toluene	0.00500	0.00535	107	79.0-120	
Xylenes, Total	0.0150	0.0149	99.3	79.0-123	
(S) Toluene-d8			*101*	*80.0-120*	
(S) 4-Bromofluorobenzene			*97.1*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*105*	*70.0-130*	

L1266579-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1266579-01 10/01/20 03:29 • (MS) R3576816-3 10/01/20 04:31 • (MSD) R3576816-4 10/01/20 04:51

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.250	0.856	1.08	1.05	89.6	77.6	50	17.0-158			2.82	27
Ethylbenzene	0.250	0.0788	0.293	0.285	85.7	82.5	50	30.0-155			2.77	27
Toluene	0.250	0.821	1.00	0.959	71.6	55.2	50	26.0-154			4.19	28
Xylenes, Total	0.750	U	1.41	1.32	188	176	50	29.0-154	J5	J5	6.59	28
(S) Toluene-d8					*100*	*98.3*		*80.0-120*				
(S) 4-Bromofluorobenzene					*101*	*99.4*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*97.6*	*95.1*		*70.0-130*				

Method Blank (MB)

(MB) R3577376-2 10/02/20 10:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.5*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3577376-1 10/02/20 09:26

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00526	105	70.0-123	
(S) Toluene-d8			*101*	*80.0-120*	
(S) 4-Bromofluorobenzene			*99.4*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*110*	*70.0-130*	

Method Blank (MB)

(MB) R3577857-2 10/02/20 20:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
(S) Toluene-d8	*106*			*80.0-120*
(S) 4-Bromofluorobenzene	*103*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3577857-1 10/02/20 20:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00442	88.4	70.0-123	
(S) Toluene-d8			*104*	*80.0-120*	
(S) 4-Bromofluorobenzene			*105*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*100*	*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.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* 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 National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
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	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

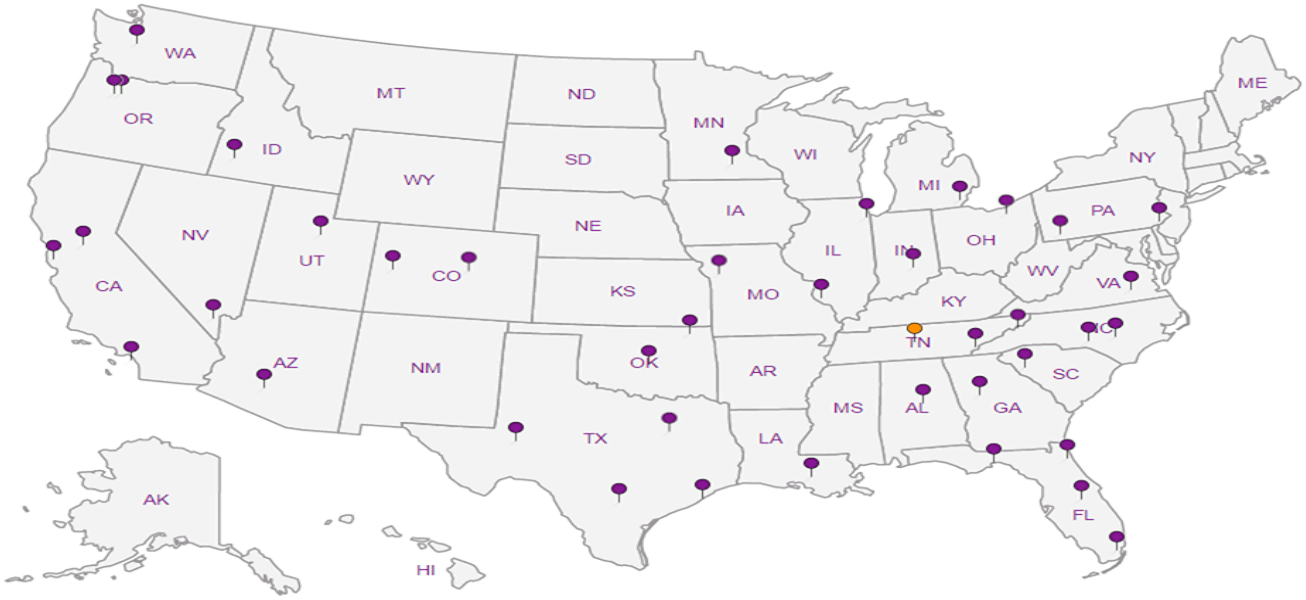
Third Party Federal Accreditations

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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



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: ~~Nicki Kopiasz~~ KYLE NORMAN

Email To: bhumphrey@tasman-geo.com;~~jcarrington@tasman-geo.com~~ KNORMAN@TASMAN-GEO.COM

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

No. of Cntrs

Analysis / Container / Preservative

V8260BTEX 40mlAmb-HCl

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-1		GW							
MW-2		GW							
MW-3		GW		9-23-20	0835	3	X		-04
MW-5		GW		9-22-20	1015	3	X		-07
MW-6		GW		9-23-20	0815	3	X		-03
MW-7		GW							
MW-9		GW							
MW-10		GW							
MW-12		GW							
MW-14		GW		9-23-20	1035	3	X		-04

Chain of Custody Page 1 of ___

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # C126660

J099

Acctnum: DCPTASMAN
Template: T155790
Prelogin: P796039
PM: 824 - Chris Ward
PB: DN 9/4
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 # 9154 8780 2340

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	9-23-20	1600		3	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.6 -.3 = 1.3 °C Bottles Received: 60	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9.24.20 Time: 93x	Hold: Condition: NCF / OK

DCP Midstream - Tasman

2620 W. Marland Blvd
Hobbs, NM 88240

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

Pres Chk

Report to: ~~Nick Kopiasz~~ KYLE NORMAN

Email To: bhumphrey@tasmangeo.com; jcarrington@tasmangeo.com; KNORMAN@TASMANGEO.COM

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

V8260BTEX 40mlAmb-HCl

Chain of Custody Page 2 of ___

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1266160

Table #

Acctnum: DCPTASMAN
Template: T155790
Prelogin: P796039
PM: 824 - Chris Ward
PB: DN 9/4
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX	Remarks	Sample # (lab only)
MW-15		GW		9-23-20	0930	3	X		-05
MW-16		GW		9-23-20	0905	3	X		-06
MW-17		GW							
MW-18		GW		9-23-20	1140	3	X		-07
MW-19		GW		9-23-20	1225	3	X		-08
MW-19D		GW		9-23-20	1245	3	X		-09
MW-20		GW		9-22-20	1235	3	X		-10
MW-21		GW		9-23-20	1120	3	X		-11
MW-22		GW		9-23-20	1335	3	X		-12
MW-23		GW		9-23-20	1055	3	X		-13

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking #

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
Becky Griffin	9-23-20	1600		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.6-3=1.3 °C Bottles Received: 60
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9-24-20 Time: 930

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

DCP Midstream - Tasman

2620 W. Marland Blvd
Hobbs, NM 88240

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

Pres Chk

Report to: ~~Nick Kopiasz~~ KYLE NORMAN

Email To: bhumphrey@tasman-geo.com;jcarrington@tasman-geo.com; KNORMAN@TASMAN-GEO.COM

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 3 of ___

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
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Fax: 615-758-5859

SDG # L1266140

Table #

Acctnum: DCPTASMAN
Template: T155790
Prelogin: P796039
PM: 824 - Chris Ward
PB: DN 9/4
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		9-23-20	0955	3	X		-14
MW-25		GW		9-23-20	1015	3	X		-15
MW-27		GW		9-22-20	0840	3	X		-16
MW-28		GW		9-22-20	0815	3	X		-17
MW-29		GW		9-22-20	1215	3	X		-18
DUPLICATE A		GW		9-23-20		3	X		-19
DUPLICATE B		GW		9-23-20		3	X		-20
TRIP BLANK		GW		9-23-20	1500	3			-21

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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	9-23-20	1600			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.6, 3.1.3 °C Bottles Received: 60	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9-24-20 Time: 930	Hold: / Condition: NCF / OK