

2024 Annual Groundwater Monitoring Summary Report

Hobbs Booster Station
Lea County, New Mexico
AP-114
Incident No. nAPP2301325760

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March 31, 2025



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 - Pace Analytical Report #: L1716391
 - Pace Analytical Report #: L1746072
 - Pace Analytical Report #: L1779198



1. Introduction

This report summarizes the remediation system activities and results of groundwater monitoring activities conducted during the 2024 calendar year at the Hobbs Booster Station (Site) in Lea County, New Mexico (Figure 1). Tasman, Inc. (Tasman) performed these activities on behalf of DCP Operating Company, 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 during 2024 were used to develop groundwater elevation contour maps and analytical results maps to evaluate current conditions at the Site.

2. Site Location and Background

The Site is located in New Mexico Oil Conservation Division (NMOCD) designated Unit Letter C and D, Section 4, Township 19 South, Range 38 East (Figure 1). The facility coordinates are approximately 32.694875 degrees north and 103.156252 degrees west. This facility is no longer used as an active gas compression facility. All ancillary equipment and buildings associated with the former Booster Station have been decommissioned and/or demolished.

The Site groundwater monitoring wells are illustrated on Figure 2. Thirty-one of the existing monitoring wells are located on the Site property while three wells (MW-23, MW-24, and MW-25) are located to the southeast of the property boundary on land currently owned by Occidental Permian.

An LNAPL recovery system is 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 and AS system operation and performance are further described in Section 4.

3. Groundwater Monitoring

This section describes the field groundwater monitoring activities performed during the quarterly monitoring events on March 13 and 14, 2024, June 10 and 11, 2024, and September 16 and 17, 2024. In 2023, DCP requested that the site be switched to semi-annual monitoring. This request was approved by the NMCOD on June 25, 2024. Beginning third quarter 2024 the site was switched to semi-annual monitoring to take place first and third quarter. The site-specific sampling and analysis plan was adjusted to include all monitor wells to be sampled during every sampling event if possible.

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. Sample notifications were provided prior to each monitoring event. Copies of NMOCD sample notifications are provided in Appendix A.



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. 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]).

Measured groundwater levels, calculated groundwater elevations, and LNAPL level data for the reporting period are presented in Table 1. Quarterly groundwater elevation maps, included as Figures 3 through 5, indicate 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

	1st Quarter 2024 (3/13/2024)	2nd Quarter 2024 (6/10/2024)	3rd Quarter 2024 (9/16/2024)
Maximum Elevation (Well ID)	3,571.44 (MW-6)	3,571.19 (MW-6)	3,570.88 (MW-6)
Minimum Elevation (Well ID)	3,561.09 (MW-29)	3,560.85 (MW-29)	3,560.66 (MW-28)
Average Change from Previous Monitoring Event – All Wells	-0.19 feet	-0.22 feet	-0.41 feet
Hydraulic Gradient (ft/ft) / (Well IDs)	0.00515 (MW-6/MW-29)	0.00515 (MW-6/MW-29)	0.00760 (MW-6/MW-28)

During first and second quarter 2024, measurable LNAPL was detected in 23 of the on-Site monitoring and recovery wells. During third quarter 2024, measurable LNAPL was detected in 22 on-Site wells. Measured LNAPL thicknesses ranged from 0.02 feet in recovery well PW-AA to 6.93 feet in recovery well PW-KK. Groundwater was not detected in wells MW-22, TW-V, TW-K, TW-A, TW-N, TW-M, TW-I, TW-O, TW-J, PW-G, TW-L, TW-P, TW-D, and TW-S. The calculated groundwater elevation data from monitoring wells that contained both product and groundwater were corrected to account for the LNAPL thickness. Top of casing elevations have not been measured for the on-Site recovery wells.

3.2 Groundwater Quality Monitoring

Subsequent to recording groundwater level measurements, groundwater samples were collected from select monitoring wells that did not contain measurable LNAPL. A minimum of three well casing volumes of groundwater (calculated from total depth of the well and groundwater level measurements) were purged from each well prior to the collection of groundwater samples. Groundwater samples were collected using disposable polyethylene bailers, placed in clean laboratory supplied containers, packed in an ice-filled cooler and maintained at approximately four (4) degrees Celsius (°C) for transportation to the laboratory. Groundwater samples were shipped under chain-of-custody procedures to Pace Analytical



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

Table 2 summarizes BTEX concentrations in groundwater samples collected during the reporting period. Analytical results are also displayed on Figure 4. Historical analytical results, up to and including the third quarter 2024 event, are included in Appendix B, and the laboratory analytical reports are included in Appendix C. As summarized on Table 2, groundwater quality samples were unable to be collected at several monitoring well locations during the reporting period due to the presence of LNAPL, an insufficient volume of water, or an obstruction within the well.

Analytical results/observations are summarized below:

- First Quarter 2024: Benzene was detected in exceedance of the New Mexico Water Quality Control Commission (NMWQCC) groundwater standard of 0.010 milligrams per liter (mg/L) at monitoring wells MW-14 (0.0163 mg/L), and MW-26 (0.274 mg/L).
- Second Quarter 2024: Benzene was detected in exceedance of the NMWQCC standard at monitoring wells MW-14 (0.0412 mg/L), and MW-26 (0.010 mg/L).
- Third Quarter 2024: Benzene was detected in exceedance of the NMWQCC standard at monitoring wells MW-14 (0.0181 mg/L), MW-17 (0.0107 mg/L), MW-26 (0.120 mg/L) and MW-26 Duplicate (0.105 mg/L), MW-29 (0.0167 mg/L), MW-30 (0.0473 mg/L), and MW-31 Duplicate (0.0758 mg/L).
- Toluene, ethylbenzene, and total xylenes were not detected at concentrations greater than their respective NMWQCC standards during the 2024 monitoring period.

3.3 Data Quality Assurance/ Quality Control

A trip blank sample and field duplicate samples were collected during each of the quarterly sampling events. The data were reviewed for compliance with the analytical method and the associated quality assurance/quality control (QA/QC) procedures. All samples were analyzed using the correct analytical methods and within the correct holding times. Chain of custody forms were in order and properly executed and indicate that samples were received at the proper temperature with no headspace. In exception to first quarter 2024, when, due to a delay at FedEx, samples arrived at the lab out of temperature. All data was reported using the correct method number and reporting units. QA/QC items of note for the 2024 reporting period include the following:

- Relative percent difference (RPD) between parent samples and their associated duplicates:

Monitor Well	1 st Quarter 2024	2 nd Quarter 2024	3 rd Quarter 2024
MW-19D	0%*	0%*	---
MW-26	---	---	13.33%
MW-31	2.3%	14.83%	195.52%

* Parent and duplicate samples were below laboratory detection limits



Of the six collected duplicate samples, three were within the target range of 20% and two were not detected greater than laboratory detection limits effectively resulting in an RPD value of zero. One of the collected duplicates had an RPD outside the 20% target range, however, with the majority of calculated RPDs falling within the established target range, it can be concluded that 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 annual 2024 reporting period. 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, 21 Air Sparge (AS) wells, 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 LNAPL Recovery System Performance Evaluation

The LNAPL Recovery portion of the System included 28 Magnum Spill Buster units (manufactured by Clean Earth Technology [Clean Earth]) which were installed at wells within the extraction well network. The full-scale system was placed into operation on May 1, 2013. The recovery units were integrated into the existing LNAPL infrastructure.

Clean Earth ceased operations in the fourth quarter of 2023. Efforts were made to obtain parts and repair services for the on-site spill buster units prior to Clean Earth's closure, due to age and degradation of equipment. As of the third quarter 2024, spill buster units are operational at recovery wells TW-GG, PW-FF, PW-KK, PW-AA, PW-JJ, PW-EE, MW-11, and MW-13. Spill buster units in combination with manual recovery events conducted monthly during system maintenance events resulted in the recovery of 268.3 gallons of LNAPL at the site during the 2024 reporting period. A total of 32,728 gallons (as of December 2024) of LNAPL have been removed since May 2013.

In addition to the above remediation efforts, a single solar-powered Spill Buster unit was installed at monitoring well MW-10 on October 14, 2022. From installation to May 12, 2023, the solar powered Spill Buster has removed approximately 84 gallons of LNAPL. On May 12, 2023, the solar powered spill buster was discovered to be inoperable due to vandalism and was not returned to service during the 2024 calendar year.



Passive bailers were installed on March 14, 2019, in wells MW-10 and MW-17. On October 14, 2022, the passive bailer located at monitor well MW-10 was relocated to monitor well MW-12 and on June 20, 2024, the passive bailer in MW-17 was relocated to MW-9. Approximately 2.30 gallons of LNAPL were removed with passive bailers during 2024, and a total of approximately 9.95 gallons of LNAPL have been removed since installation in early 2019. Measurements will continue to be collected during quarterly monitoring events and monthly manual remediation events.

4.3 Air Sparge Performance Evaluation

The AS system has continued to operate on a 24-hour per day basis with minor downtime due to routine scheduled equipment maintenance. The primary evaluation criteria for AS performance are tied to the dissolved phase hydrocarbon concentrations present in groundwater downgradient of the AS well alignment. Monitoring wells MW-14, MW-15, MW-23, MW-24, and MW-25, located downgradient from the sparge curtain, provide ideal monitoring locations for observing the effects of the AS system on impacted groundwater as it passes through the treatment zone. On the east end of the AS system, monitoring well MW-14 has exhibited concentrations below the NMWQCC standards since the second quarter 2021. However, beginning during the third and fourth quarter 2023 monitoring events and continuing into the third quarter of 2024, dissolved phase hydrocarbon impacts have consistently been above the standard at MW-14 as summarized in Table 2. Dissolved phase hydrocarbon impacts at MW-23 continues to fluctuate compared to historic levels but remained below the NMWQCC standard throughout 2024. Monitoring wells MW-24 and MW-25, which are located cross-gradient to MW-14 and MW-23, continue to exhibit impacts of dissolved phase hydrocarbons below laboratory detection limits. At the west end of the AS system (MW-15 and MW-16), dissolved phase hydrocarbon impacts are consistently reported below the laboratory detection limits.

5. Conclusions

This section of the report presents conclusions from the findings of the quarterly 2024 groundwater monitoring and remediation system O&M activities.

- The AS portion of the System appears to continue to prevent the migration of LNAPL and dissolved-phase impacts across the treatment zone.
- A total of 278.25 gallons of LNAPL were recovered during the 2024 calendar year through the combined efforts of spill buster units, manual recovery, and passive bailers.
- Benzene concentrations continue to fluctuate across the Site. With only two wells exhibiting benzene concentrations in exceedance of NMWQCC standards in the first quarter 2024, and six wells exhibiting elevated concentrations of benzene in the third quarter 2024. Benzene data suggests that the dissolved-phase petroleum hydrocarbon plume is relatively stable.
- Monitoring points along the eastern Site boundary, MW-20, MW-27, MW-28, and MW-29 exhibited benzene concentrations below laboratory detection levels and/or NMWQCC standards with the exception of third quarter 2024, where MW-29 exhibited benzene concentrations above NMWQCC standards and MW-20 was dry, therefore, no sample was able to be collected.



- Toluene, ethylbenzene, and total xylenes were not observed above their respective NMWQCC standards at any of the sampled monitoring wells during the 2024 reporting period.

6. Recommendations

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

- Continue operation, monitoring, and maintenance of the south Air Sparge system.
- Continue Semi Annual groundwater sampling.
- Due to continued site vandalism, and despite efforts to secure the property and dissolution of the manufacturer, Clean Earth, the Magnum Spill Buster units, including the solar unit, have been removed from operation during the first quarter of 2025. While assessing other remedial strategies, enhanced fluid recovery (EFR) events will be implemented to recover LNAPL, dissolved phase hydrocarbons, and soil vapor from select recovery wells from the interior of the LNAPL plume.
- A workplan to implement an Ivey-Sol Surfactant Enhanced LNAPL Remediation Pilot Test was submitted to the NMOCD on September 4, 2024 and is still pending approval.
- Regularly inspect and empty passive LNAPL bailers in monitor wells MW-12 and MW-9 to increase recovery of LNAPL.

Tables

**TABLE 1
2024 ANNUAL
SUMMARY OF GROUNDWATER ELEVATION DATA
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO**

Location Identification	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event(1) (feet)
MW-1	03/13/2024	57.96	57.72	0.24	59.85	3,626.06	3,568.28	-0.33
MW-1	06/10/2024	58.20	57.91	0.29	59.85	3,626.06	3,568.08	-0.20
MW-1	09/16/2024	58.22	SHEEN		59.85	3,626.06	3,567.84	-0.24
MW-2	03/13/2024	Well Obstructed			37.82	3,623.14	NA	NA
MW-2	06/10/2024	Well Obstructed			37.82	3,623.14	NA	NA
MW-2	09/16/2024	Well Obstructed			37.82	3,623.14	NA	NA
MW-3	03/13/2024	52.84			55.45	3,623.01	3,570.17	-0.40
MW-3	06/10/2024	53.11			55.45	3,623.01	3,569.90	-0.27
MW-3	09/16/2024	53.35			55.45	3,623.01	3,569.66	-0.24
MW-5	12/04/2023	WELL IS PLUGGED AND ABANDONED			59.69	3,629.16	DRY	NA
MW-5R	03/13/2024	60.05			80.20	3,629.48	3,569.43	NA
MW-5R	06/10/2024	60.30			80.20	3,629.48	3,569.18	-0.25
MW-5R	09/16/2024	60.62			80.20	3,629.48	3,568.86	-0.32
MW-6	03/13/2024	55.49			56.47	3,626.93	3,571.44	0.74
MW-6	06/10/2024	55.74			56.47	3,626.93	3,571.19	-0.25
MW-6	09/16/2024	56.05			56.47	3,626.93	3,570.88	-0.31
MW-7	12/04/2023	WELL IS PLUGGED AND ABANDONED			44.49	3,621.40	DRY	NA
MW-7R	03/13/2024	49.98			77.81	3,621.58	3,571.60	NA
MW-7R	06/10/2024	50.25			77.81	3,621.58	3,571.33	-0.27
MW-7R	09/16/2024	50.51			77.81	3,621.58	3,571.07	-0.26
MW-9	03/13/2024	63.33	59.97	3.36	66.50	3,625.21	3,564.40	-0.70
MW-9	06/10/2024	63.57	59.34	4.23	66.50	3,625.21	3,564.81	0.41
MW-9	09/16/2024	63.30	59.94	3.36	66.50	3,625.21	3,564.43	-0.38
MW-10	03/13/2024	55.02	54.66	0.36	58.70	3,621.07	3,566.32	-0.30
MW-10	06/10/2024	55.22	54.87	0.35	58.70	3,621.07	3,566.11	-0.21
MW-10	09/16/2024	55.45	55.30	0.15	58.70	3,621.07	3,565.73	-0.38
MW-12	03/13/2024	63.35	59.57	3.78	63.37	3,626.60	3,566.09	-0.01
MW-12	06/10/2024	63.40	59.70	3.70	63.37	3,626.60	3,565.98	-0.11
MW-12	09/16/2024	---	58.05	5.32	63.37	3,626.60	NA	NA
MW-14	03/13/2024	56.65			62.64	3,621.42	3,564.77	-0.21
MW-14	06/10/2024	56.84			62.64	3,621.42	3,564.58	-0.19
MW-14	09/16/2024	57.10			62.64	3,621.42	3,564.32	-0.26
MW-15	03/13/2024	52.21			58.41	3,619.39	3,567.18	-0.26
MW-15	06/10/2024	52.43			58.41	3,619.39	3,566.96	-0.22
MW-15	09/16/2024	52.71			58.41	3,619.39	3,566.68	-0.28
MW-16	03/13/2024	51.98			56.47	3,621.87	3,569.89	-0.43
MW-16	06/10/2024	52.23			56.47	3,621.87	3,569.64	-0.25
MW-16	09/16/2024	52.47			56.47	3,621.87	3,569.40	-0.24
MW-17	03/13/2024	61.33			64.55	3,623.94	3,562.61	-0.47
MW-17	06/10/2024	61.22			64.55	3,623.94	3,562.72	0.11
MW-17	09/16/2024	61.46			64.55	3,623.94	3,562.48	-0.24
MW-18	03/13/2024	62.10			67.23	3,624.30	3,562.20	-0.17
MW-18	06/10/2024	62.30			67.23	3,624.30	3,562.00	-0.20
MW-18	09/16/2024	62.58			67.23	3,624.30	3,561.72	-0.28
MW-19	03/13/2024	62.63			65.05	3,624.12	3,561.49	-0.17
MW-19	06/10/2024	62.83			65.05	3,624.12	3,561.29	-0.20
MW-19	09/16/2024	63.13			65.05	3,624.12	3,560.99	-0.30

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Location Identification	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event(1) (feet)
MW-19D	03/13/2024	62.60			78.84	3,623.79	3,561.19	-0.18
MW-19D	06/10/2024	63.83			78.84	3,623.79	3,559.96	-1.23
MW-19D	09/16/2024	63.09			78.84	3,623.79	3,560.70	0.74
MW-20	03/13/2024	60.28			60.85	3,621.49	3,561.21	-0.17
MW-20	06/10/2024	60.50			60.85	3,621.49	3,560.99	-0.22
MW-20	09/16/2024	60.78			60.85	3,621.49	3,560.71	-0.28
MW-21	03/13/2024	62.11			63.31	3,624.25	3,562.14	-0.16
MW-21	06/10/2024	62.35			63.31	3,624.25	3,561.90	-0.24
MW-21	09/16/2024	62.62			63.31	3,624.25	3,561.63	-0.27
MW-22	03/13/2024	DRY			63.15	3,625.16	DRY	NA
MW-22	06/10/2024	DRY			63.15	3,625.16	DRY	NA
MW-22	09/16/2024	DRY			63.15	3,625.16	DRY	NA
MW-23	03/13/2024	56.21			57.14	3,622.58	3,566.37	-0.17
MW-23	06/10/2024	56.43			57.14	3,622.58	3,566.15	-0.22
MW-23	09/16/2024	56.67			57.14	3,622.58	3,565.91	-0.24
MW-24	03/13/2024	54.41			56.99	3,619.27	3,564.86	-0.12
MW-24	06/10/2024	54.63			56.99	3,619.27	3,564.64	-0.22
MW-24	09/16/2024	54.93			56.99	3,619.27	3,564.34	-0.30
MW-25	03/13/2024	55.43			57.75	3,619.73	3,564.30	-0.20
MW-25	06/10/2024	55.62			57.75	3,619.73	3,564.11	-0.19
MW-25	09/16/2024	55.88			57.75	3,619.73	3,563.85	-0.26
MW-26	03/13/2024	63.05			76.05	3,625.59	3,562.54	-0.16
MW-26	06/10/2024	63.26			76.05	3,625.59	3,562.33	-0.21
MW-26	09/16/2024	63.57			76.05	3,625.59	3,562.02	-0.31
MW-27	03/13/2024	64.26			65.84	3,626.44	3,562.18	-0.19
MW-27	06/10/2024	64.56			65.84	3,626.44	3,561.88	-0.30
MW-27	09/16/2024	64.69			65.84	3,626.44	3,561.75	-0.13
MW-28	03/13/2024	64.28			71.29	3,625.41	3,561.13	-0.21
MW-28	06/10/2024	64.54			71.29	3,625.41	3,560.87	-0.26
MW-28	09/16/2024	64.75			71.29	3,625.41	3,560.66	-0.21
MW-29	03/13/2024	63.50			73.71	3,624.59	3,561.09	-0.19
MW-29	06/10/2024	63.74			73.71	3,624.59	3,560.85	-0.24
MW-29	09/16/2024	68.98			73.71	3,624.59	3,555.61	-5.24
MW-30	03/13/2024	62.13			81.71	3,623.70	3,561.57	-0.19
MW-30	06/10/2024	62.34			81.71	3,623.70	3,561.36	-0.21
MW-30	09/16/2024	62.64			81.71	3,623.70	3,561.06	-0.30
MW-31	03/13/2024	61.87			74.05	3,627.61	3,565.74	NA
MW-31	06/10/2024	62.06			74.05	3,627.61	3,565.55	-0.19
MW-31	09/16/2024	62.32			74.05	3,627.61	3,565.29	-0.26
MW-32	03/13/2024	63.65			77.65	3,625.68	3,562.03	NA
MW-32	06/10/2024	63.56			77.65	3,625.68	3,562.12	0.09
MW-32	09/16/2024	63.88			77.65	3,625.68	3,561.80	-0.32
TW-H	03/13/2024	53.35			55.38	3,622.30	3,568.95	0.25
TW-H	06/10/2024	53.45	SHEEN		55.38	3,622.30	3,568.85	0.04
TW-H	09/16/2024	54.11	53.60	0.51	55.38	3,622.30	3,568.57	-0.38
TW-K	03/13/2024	DRY			62.07	3,628.95	DRY	NA
TW-K	06/10/2024	DRY			62.07	3,628.95	DRY	NA
TW-K	09/16/2024	DRY			62.07	3,628.95	DRY	NA

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HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO**

Location Identification	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event(1) (feet)
TW-N	03/13/2024	DRY			59.18	3,631.98	DRY	NA
TW-N	06/10/2024	DRY			59.18	3,631.98	DRY	NA
TW-N	09/16/2024	DRY			59.18	3,631.98	DRY	NA
TW-U	03/13/2024	NM - Casing Damaged			NM	3628.67	NA	NA
TW-U	06/10/2024	NM - Casing Damaged			NM	3628.67	NA	NA
TW-U	09/16/2024	NM - Casing Damaged			NM	3628.67	NA	NA
TW-T-R	03/13/2024	63.45	62.65	0.80	77.81	3,625.90	3,563.05	-0.21
TW-T-R	06/10/2024	63.75	62.80	0.95	77.81	3,625.90	3,562.86	-0.19
TW-T-R	09/16/2024	64.10	63.09	1.01	77.81	3,625.90	3,562.56	-0.30
TW-V	03/13/2024	DRY			62.86	3,628.54	DRY	NA
TW-V	06/10/2024	DRY			62.86	3,628.54	DRY	NA
TW-V	09/16/2024	DRY			62.86	3,628.54	DRY	NA
TW-W	03/13/2024	61.93			62.31	3,626.88	3,564.95	-0.10
TW-W	06/10/2024	61.97			62.31	3,626.88	3,564.91	-0.04
TW-W	09/16/2024	61.91			62.31	3,626.88	3,564.97	0.06
TW-M***	03/13/2024	NA	57.96	0.71	58.67	NA	NA	NA
TW-M***	06/10/2024	NA	58.10	0.57	58.67	NA	NA	NA
TW-M***	09/16/2024	NA	58.45	0.22	58.67	NA	NA	NA
PW-AA	03/13/2024	61.45	57.80	3.65	62.70	NA	NA	NA
PW-AA	06/10/2024	58.69	58.56	0.13	62.70	NA	NA	NA
PW-AA	09/16/2024	58.75	58.73	0.02	62.70	NA	NA	NA
TW-A	03/13/2024	DRY			56.80	NA	NA	NA
TW-A	06/10/2024	DRY			56.80	NA	NA	NA
TW-A	09/16/2024	DRY			56.80	NA	NA	NA
PW-BB	03/13/2024	57.80	54.34	3.46	58.67	NA	NA	NA
PW-BB	06/10/2024	NA	55.90	2.77	58.67	NA	NA	NA
PW-BB	09/16/2024	57.04	56.26	0.78	58.67	NA	NA	NA
PW-CC	03/13/2024	55.39	54.67	0.72	66.72	NA	NA	NA
PW-CC	06/10/2024	55.74	54.85	0.89	66.72	NA	NA	NA
PW-CC	09/16/2024	55.88	55.25	0.63	66.72	NA	NA	NA
MW-8	03/13/2024	53.92	53.38	0.54	55.43	NA	NA	NA
MW-8	06/10/2024	54.00	53.64	0.36	55.43	NA	NA	NA
MW-8	09/16/2024	54.72	53.96	0.76	55.43	NA	NA	NA
TW-I	03/13/2024	DRY			58.69	NA	NA	NA
TW-I	06/10/2024	DRY			58.69	NA	NA	NA
TW-I	09/16/2024	DRY			58.69	NA	NA	NA
PW-KK	03/13/2024	65.20	58.27	6.93	70.16	NA	NA	NA
PW-KK	06/10/2024	64.43	58.60	5.83	70.16	NA	NA	NA
PW-KK	09/16/2024	63.98	59.05	4.93	70.16	NA	NA	NA
TW-B	03/13/2024	NA	56.42	0.98	57.40	NA	NA	NA
TW-B	06/10/2024	57.31	56.57	0.57	57.40	NA	NA	NA
TW-B	09/16/2024	57.26	57.12	0.14	57.40	NA	NA	NA
PW-JJ	03/13/2024	61.30	56.66	4.64	65.01	NA	NA	NA
PW-JJ	06/10/2024	61.12	56.01	5.11	65.01	NA	NA	NA
PW-JJ	09/16/2024	59.62	56.52	3.10	65.01	NA	NA	NA
PW-II	03/13/2024	61.16	55.98	5.18	67.91	NA	NA	NA
PW-II	06/10/2024	61.00	56.24	4.76	67.91	NA	NA	NA
PW-II	09/16/2024	60.81	56.73	4.08	67.91	NA	NA	NA

TABLE 1
2024 ANNUAL
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-4***	03/13/2024	NA	53.85	2.80	56.65	NA	NA	NA
MW-4***	06/10/2024	NA	55.06	1.59	56.65	NA	NA	NA
MW-4***	09/16/2024	NA	54.41	2.24	56.65	NA	NA	NA
TW-O	03/13/2024	DRY			59.30	NA	NA	NA
TW-O	06/10/2024	DRY			59.30	NA	NA	NA
TW-O	09/16/2024	DRY			59.30	NA	NA	NA
TW-J	03/13/2024	DRY			56.25	NA	NA	NA
TW-J	06/10/2024	DRY			56.25	NA	NA	NA
TW-J	09/16/2024	DRY			56.25	NA	NA	NA
PW-FF	03/13/2024	61.86	60.00	1.86	61.95	NA	NA	NA
PW-FF	06/10/2024	61.79	59.97	1.82	61.95	NA	NA	NA
PW-FF	09/16/2024	--	60.57	1.38	61.95	NA	NA	NA
TW-C	03/13/2024	59.42	58.78	0.64	60.43	NA	NA	NA
TW-C	06/10/2024	59.67	58.94	0.73	60.43	NA	NA	NA
TW-C	09/16/2024	59.14			60.43	NA	NA	NA
MW-11	03/13/2024	62.45	57.23	5.22	63.54	NA	NA	NA
MW-11	06/10/2024	62.55	57.03	5.52	63.54	NA	NA	NA
MW-11	09/16/2024	62.89	57.72	5.17	63.54	NA	NA	NA
PW-EE	03/13/2024	61.96	56.24	5.72	66.65	NA	NA	NA
PW-EE	06/10/2024	59.57	57.05	2.52	66.65	NA	NA	NA
PW-EE	09/16/2024	59.52	57.40	2.12	66.65	NA	NA	NA
PW-DD	03/13/2024	59.73	55.41	4.32	67.33	NA	NA	NA
PW-DD	06/10/2024	59.16	55.82	3.34	67.33	NA	NA	NA
PW-DD	09/16/2024	59.15	56.30	2.85	67.33	NA	NA	NA
PW-G	03/13/2024	DRY			52.02	NA	NA	NA
PW-G	06/10/2024	DRY			52.02	NA	NA	NA
PW-G	09/16/2024	DRY			52.02	NA	NA	NA
TW-P	03/13/2024	DRY			58.95	NA	NA	NA
TW-P	06/10/2024	58.37			58.95	NA	NA	NA
TW-P	09/16/2024	DRY			58.95	NA	NA	NA
TW-L	03/13/2024	DRY			60.90	NA	NA	NA
TW-L	06/10/2024	DRY			60.90	NA	NA	NA
TW-L	09/16/2024	59.87			60.90	NA	NA	NA
TW-GG	03/13/2024	NA	60.51	4.13	64.64	NA	NA	NA
TW-GG	06/10/2024	NA	61.90	2.74	64.64	NA	NA	NA
TW-GG	09/16/2024	64.62	61.43	3.19	64.64	NA	NA	NA
TW-D	03/13/2024	DRY			56.30	NA	NA	NA
TW-D	06/10/2024	DRY			56.30	NA	NA	NA
TW-D	09/16/2024	DRY			56.30	NA	NA	NA
MW-13	03/13/2024	60.68	60.30	0.38	64.32	NA	NA	NA
MW-13	06/10/2024	60.62	60.54	0.08	64.32	NA	NA	NA
MW-13	09/16/2024	61.41	60.90	0.51	64.32	NA	NA	NA
TW-S	03/13/2024	DRY			57.91	NA	NA	NA
TW-S	06/10/2024	DRY			57.91	NA	NA	NA
TW-S	09/16/2024	DRY			57.91	NA	NA	NA

**TABLE 1
2024 ANNUAL
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)
PW-HH	03/13/2024	63.01	62.00	1.01	68.21	NA	NA	NA
PW-HH	06/10/2024	63.11	62.23	0.88	68.21	NA	NA	NA
PW-HH	09/16/2024	65.17	62.39	2.78	68.21	NA	NA	NA
TW-R	03/13/2024	61.32			61.75	NA	NA	NA
TW-R	06/10/2024	DRY			61.75	NA	NA	NA
TW-R	09/16/2024	DRY			61.75	NA	NA	NA
Average change in groundwater elevation (06/10/2024 to 09/16/2024)								-0.40

Notes:

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

amsl = feet above mean sea level

TOC = top of casing

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

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

LNAPL relative density is assumed to be approximately 0.75

NM = Not Measured

NA = Not Applicable

TD = Total Depth

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

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

** Monitoring well MW-12 had an active Spill Buster automatic LNAPL recovery pump installed. As such, the calculated groundwater elevations may not be representative of actual groundwater elevations within the well. Moved to MW-10 in 4Q22.

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

TABLE 2
2024 ANNUAL
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)		0.010	1.00	0.70	0.62	
MW-1	03/14/2024	Sampled Annually During Third Quarter				
MW-1	06/11/2024	Sampled Annually During Third Quarter				
MW-1	09/17/2024	NS - LNAPL				LNAPL - SHEEN
MW-2	03/14/2024	Sampled Annually - Historical LNAPL Present				
MW-2	06/11/2024	Sampled Annually - Historical LNAPL Present				
MW-2	09/17/2024	NS - Well Obstructed				
MW-3	03/14/2024	Sampled Annually During Third Quarter				
MW-3	06/11/2024	Sampled Annually During Third Quarter				
MW-3	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-5	12/05/2023	Well Plugged and Abandoned				
MW-5R	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-5R	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-5R	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-6	03/14/2024	Sampled Annually During Third Quarter				
MW-6	06/11/2024	Sampled Annually During Third Quarter				
MW-6	09/17/2024	NS - Insufficient Volume				
MW-7	09/17/2024	Well Plugged and Abandoned				
MW-7R	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-7R	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-7R	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-9	03/14/2024	Sampled Annually - Historical LNAPL Present				LNAPL - 3.36'
MW-9	06/11/2024	Sampled Annually - Historical LNAPL Present				LNAPL - 4.23'
MW-9	09/17/2024	NS - LNAPL				LNAPL - 3.36'
MW-10	03/14/2024	Sampled Annually - Historical LNAPL Present				LNAPL - 0.36'
MW-10	06/11/2024	Sampled Annually - Historical LNAPL Present				LNAPL - 0.35'
MW-10	09/17/2024	NS - LNAPL				LNAPL - 0.15'
MW-12	03/14/2024	NS - LNAPL				LNAPL - 3.78'
MW-12	06/11/2024	NS - LNAPL				LNAPL - 3.70'
MW-12	09/17/2024	NS - LNAPL				LNAPL - 5.32'
MW-14	03/14/2024	0.0163	<0.00100	0.000662 J	0.000202 J	
MW-14	06/11/2024	0.0412	<0.00100	0.000321 J	0.000498 J	
MW-14	09/17/2024	0.0181	<0.00100	<0.00100	<0.00300	
MW-15	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-17	03/14/2024	Sampled Annually During Third Quarter				
MW-17	06/11/2024	Sampled Annually During Third Quarter				
MW-17	09/17/2024	0.0107	<0.00100	0.000674 J	<0.00300	
MW-18	03/14/2024	Sampled Annually During Third Quarter				
MW-18	06/11/2024	Sampled Annually During Third Quarter				
MW-18	09/17/2024	0.000257 J	<0.00100	<0.00100	<0.00300	

TABLE 2
2024 ANNUAL
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)		0.010	1.00	0.70	0.62	
MW-19	03/14/2024	<0.00100	<0.00100	0.000351 J	<0.00300	
MW-19	06/11/2024	<0.00100	<0.00100	0.00033 J	<0.00300	
MW-19	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19D	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate 1 Sample Collected
MW-19D (Duplicate 1)	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19D	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate 1 Sample Collected
MW-19D (Duplicate 1)	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19D	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	09/17/2024	NS - Insufficient Volume				
MW-21	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	03/14/2024	NS - Insufficient Volume				
MW-22	06/11/2024	NS - Insufficient Volume				
MW-22	09/17/2024	NS - Insufficient Volume				
MW-23	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-23	06/11/2024	0.000149 J	<0.00100	<0.00100	<0.00300	
MW-23	09/17/2024	0.00922	<0.00100	0.00903	0.00103 J	
MW-24	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-26	03/14/2024	0.274	<0.00100	0.0666	0.0688	
MW-26	06/11/2024	0.010	<0.00100	0.00417	0.00698	
MW-26	09/17/2024	0.120	0.000538 J	0.0675	0.102	Collect Duplicate 2
MW-26 (Duplicate 2)	09/17/2024	0.105	0.000472 J	0.062	0.0932	
MW-27	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-28	03/14/2024	0.000745 J	<0.00100	<0.00100	<0.00300	
MW-28	06/11/2024	0.00145	<0.00100	<0.00100	<0.00300	
MW-28	09/17/2024	0.00252	<0.00100	0.000157 J	<0.00300	
MW-29	03/14/2024	0.00525	<0.00100	<0.00100	<0.00300	
MW-29	06/11/2024	0.00284	<0.00100	0.000431 J	<0.00300	
MW-29	09/17/2024	0.0167	<0.00100	0.000557 J	<0.00300	
MW-30	03/14/2024	0.0095	<0.00100	0.00536	0.000299 J	
MW-30	06/11/2024	0.0087	<0.00100	0.00392	0.000227 J	
MW-30	09/17/2024	0.0473	<0.00100	0.00623	0.000434 J	
MW-31 (Duplicate 2)	12/05/2023	0.000679 J	<0.00100	<0.00100	<0.00300	
MW-31	03/14/2024	0.000922 J	<0.00100	<0.00100	<0.00300	Duplicate 2 Sample Collected
MW-31 (Duplicate 2)	03/14/2024	0.000901 J	<0.00100	<0.00100	<0.00300	
MW-31	06/11/2024	0.000956 J	<0.00100	<0.00100	<0.00300	Duplicate 2 Sample Collected
MW-31 (Duplicate 2)	06/11/2024	0.000824 J	<0.00100	<0.00100	<0.00300	
MW-31	09/17/2024	0.000858 J	<0.00100	<0.00100	<0.00300	Duplicate 1 Sample Collected
MW-31 (Duplicate 1)	09/17/2024	0.0758	<0.00100	<0.00100	0.000609 J	

**TABLE 2
2024 ANNUAL
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)		0.010	1.00	0.70	0.62	
MW-32	03/14/2024	<0.00500	<0.00500	<0.00500	<0.015	
MW-32	06/11/2024	0.000195 J	<0.00100	<0.00100	<0.00300	
MW-32	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	

Notes:

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

NMWQCC = New Mexico Water Quality Control Commission

LNAPL = Light Non-Aqueous Phase Liquid

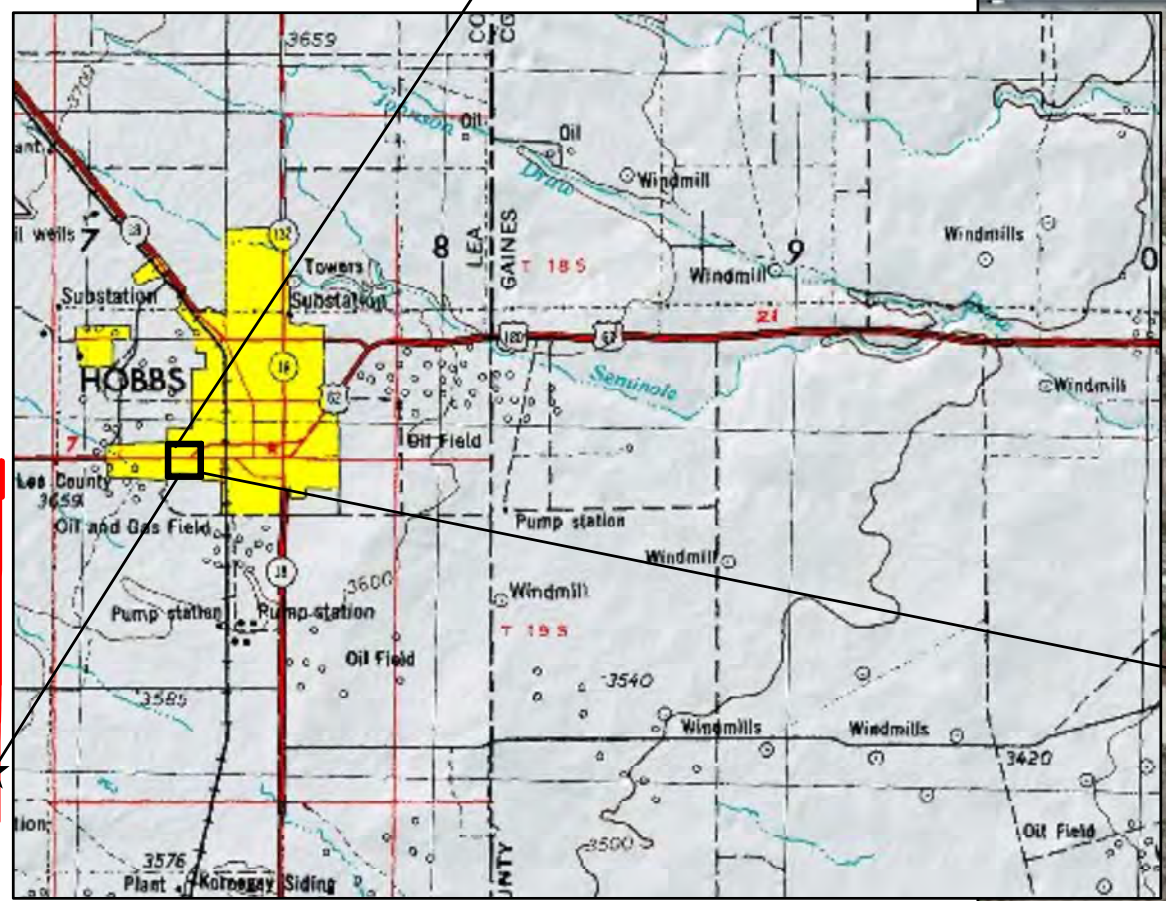
J = A qualifier indicating an estimated value of a concentration above the laboratory's Method Detection Limit (MDL) but below the Reported Detection Limit (RDL).

NS = Not Sampled

NM - Not Measured

mg/L = milligrams per liter

Figures



DATE:	April 2015
DESIGNED BY:	T. Johansen
DRAWN BY:	D. Arnold

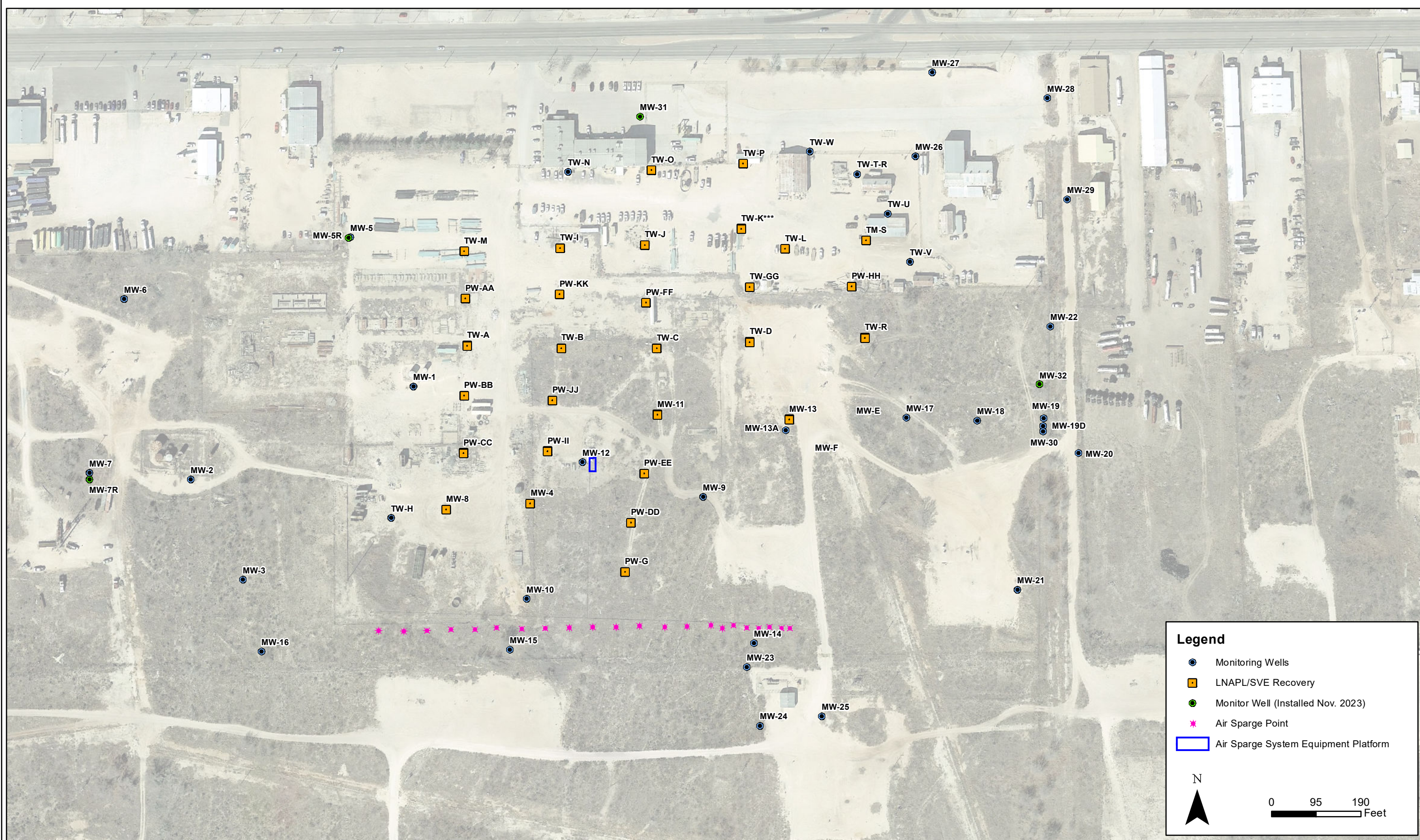


Tasman Geosciences, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Operating Company, LP
Hobbs Booster Station
Units C and D, Section 4, Township 19 South, Range 38 East
Lea County, New Mexico

Site Location
Map

Figure
1



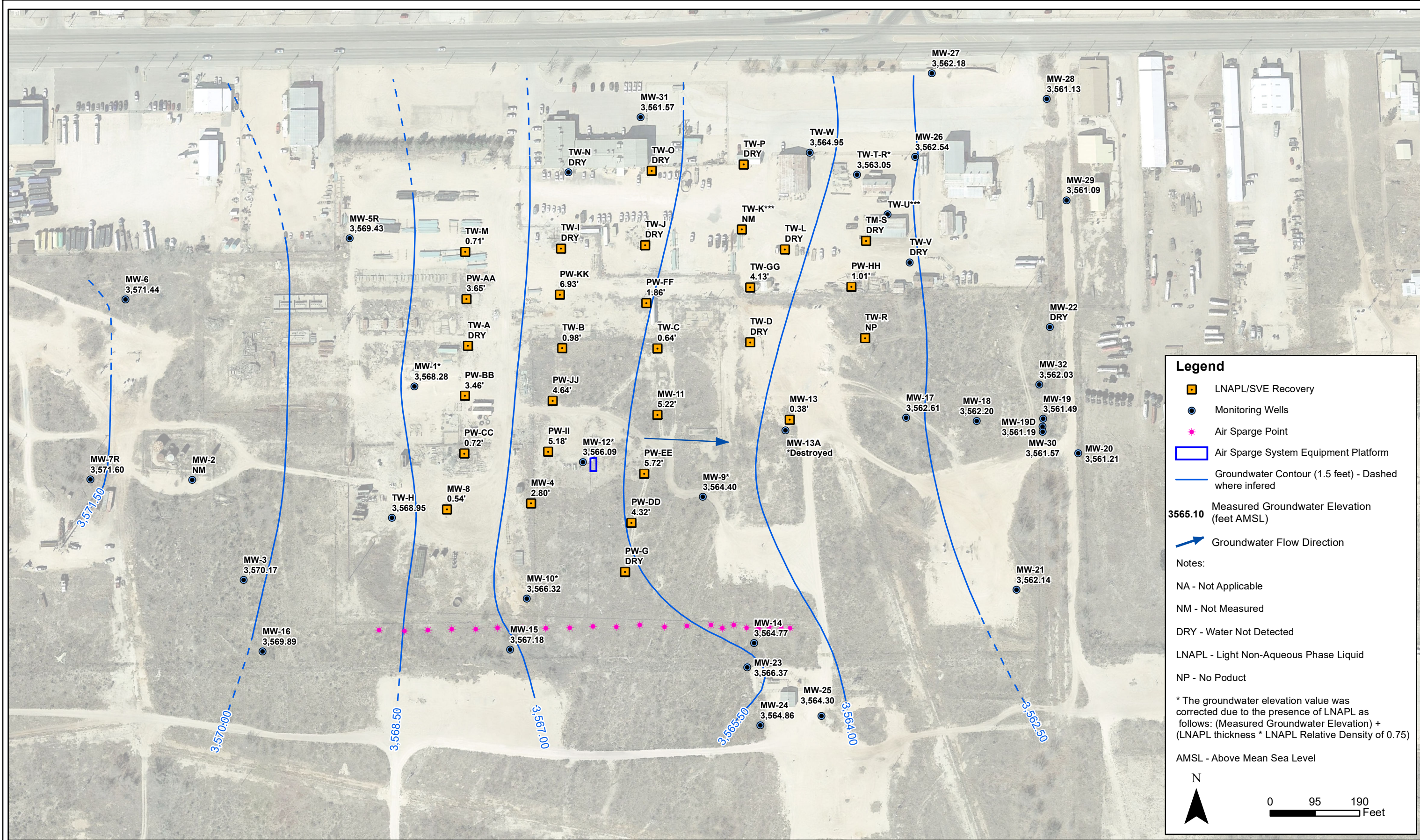
DATE:	March 2024
DESIGNED BY:	B. Dennis
DRAWN BY:	B. Dennis

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

DCP Operating Company, LP
Hobbs Booster Station
 2024 Annual Groundwater Monitoring
 Summary Report

Site Map with
 Monitoring Well Locations

Figure
 2



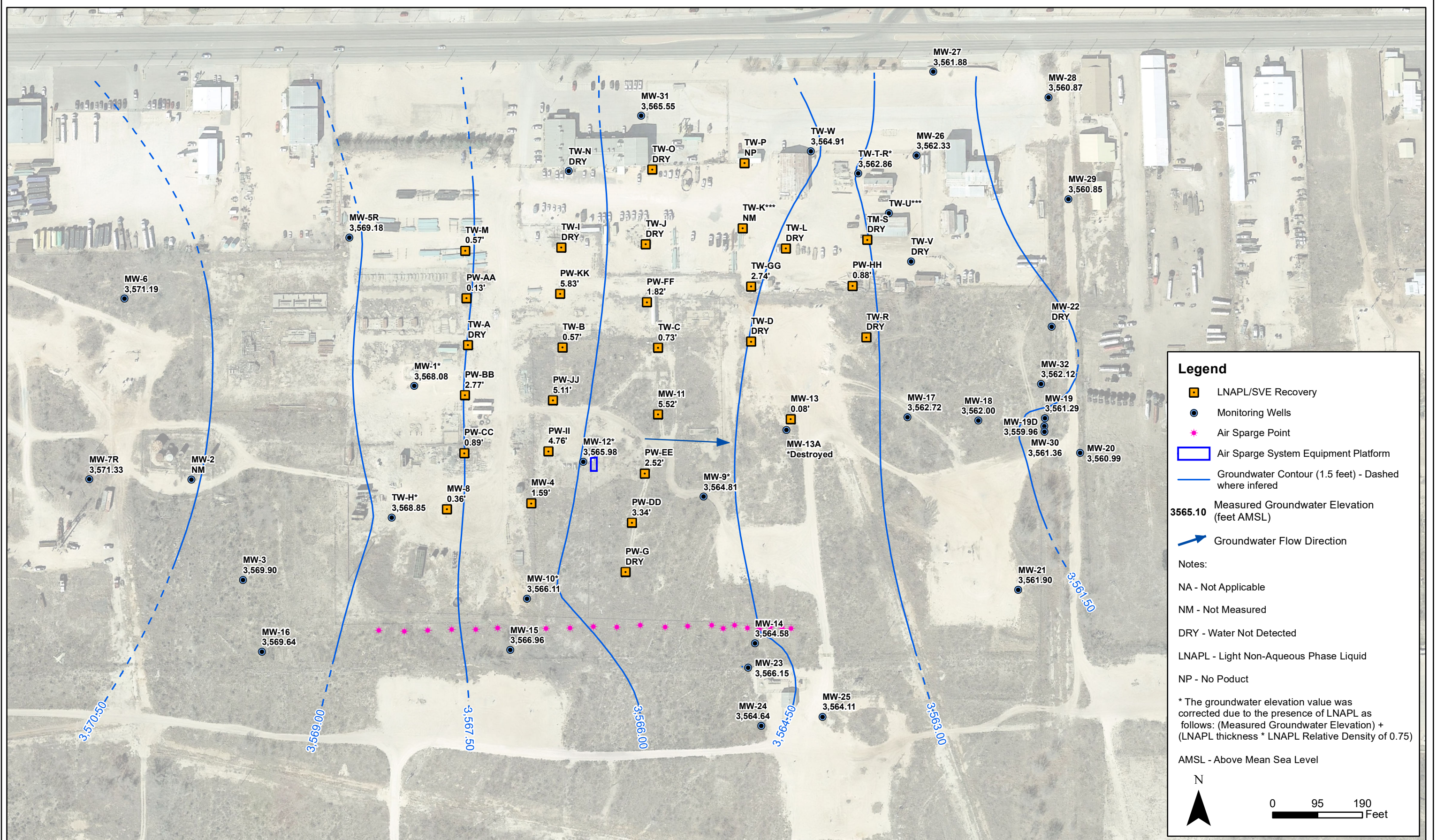
DATE:	April 2024
DESIGNED BY:	B. Dennis
DRAWN BY:	B. Dennis

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

DCP Operating Company, LP
Hobbs Booster Station
 2024 Annual Groundwater Monitoring
 Summary Report

Groundwater Elevation
 Contour Map
 (March 13, 2024)

Figure
 3



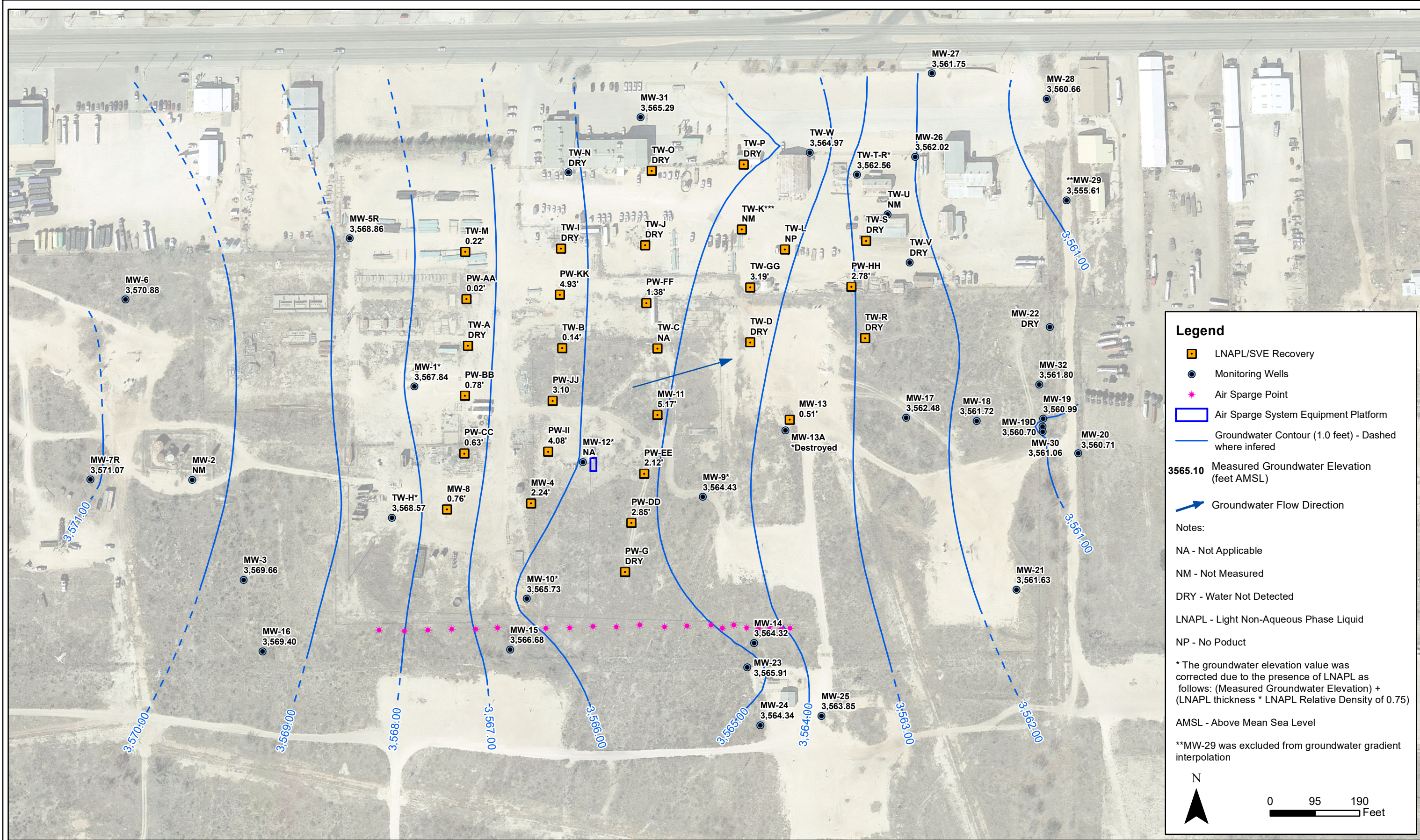
DATE:	July 2024
DESIGNED BY:	B. Dennis
DRAWN BY:	B. Dennis

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

DCP Operating Company, LP
Hobbs Booster Station
 2024 Annual Groundwater Monitoring
 Summary Report

Groundwater Elevation
 Contour Map
 (June 10, 2024)

Figure
 4



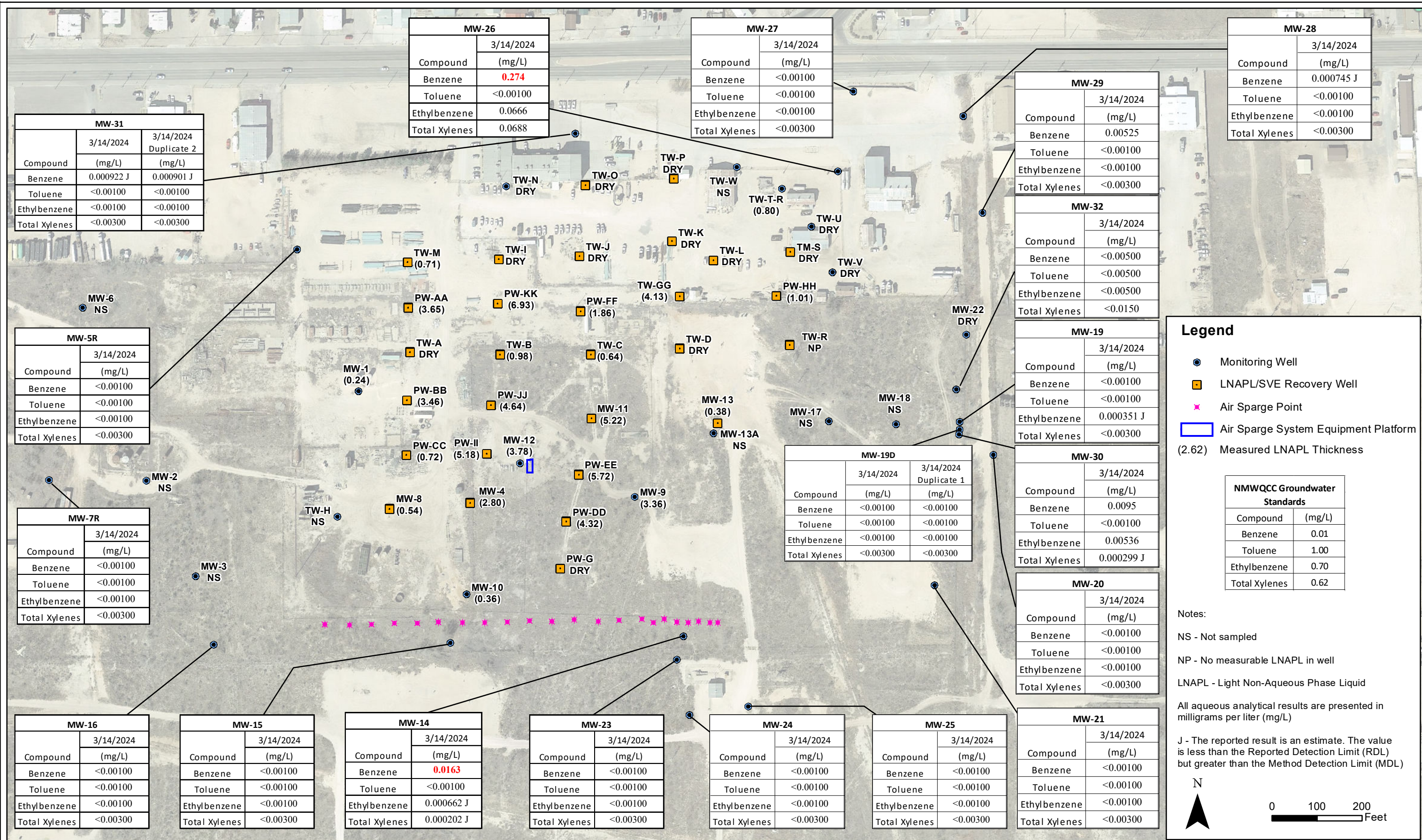
DATE:	September 2024
DESIGNED BY:	K. Stark
DRAWN BY:	K. Stark

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

DCP Operating Company, LP
Hobbs Booster Station
 2024 Annual Groundwater Monitoring
 Summary Report

Groundwater Elevation
 Contour Map
 (September 16, 2024)

Figure
5



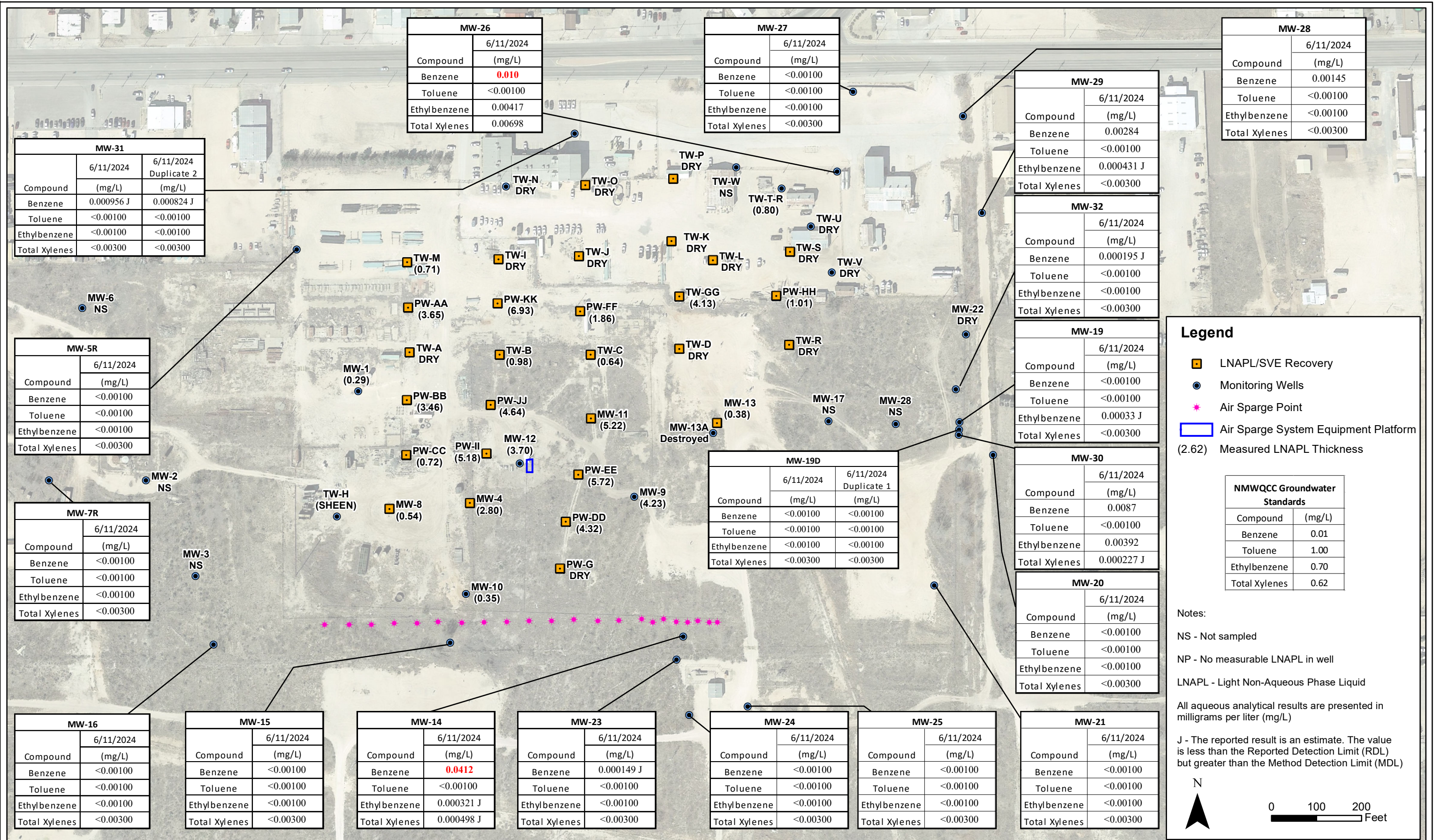
DATE: April 2024
 DESIGNED BY: J. Watts
 DRAWN BY: K. Stark



DCP Operating Company, LP
Hobbs Booster Station
 2024 Annual Groundwater Monitoring
 Summary Report

Analytical Results Map
 (March 14, 2023)

Figure
 6



DATE: July 2024
 DESIGNED BY: J. Watts
 DRAWN BY: K. Stark



DCP Operating Company, LP
Hobbs Booster Station
 2024 Annual Groundwater Monitoring Summary Report

Analytical Results Map
 (June 11, 2024)

Figure
 7

Appendix A
NMOCD Notifications

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 322408

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 322408
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2301325760
Incident Name	NAPP2301325760 HOBBS BOOSTER STATION @ 0
Incident Type	Natural Gas Release
Incident Status	Notification Accepted
Incident Facility	[fCS00000000198] HOBBS BOOSTER CS

Location of Release Source	
Site Name	Hobbs Booster Station
Date Release Discovered	06/01/1999
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	2,000,000
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/13/2024
Time sampling will commence	09:00 AM
 <i>Warning: Notification can not be less than two business days prior to conducting final sampling.</i>	
Please provide any information necessary for observers to contact samplers	Groundwater abatement per 19.15.30.14B NMAC
Please provide any information necessary for navigation to sampling site	Email notification provided to Nelson Valez on 03/08/24 and acknowledged on 03/11/24

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 322408

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 322408
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
knorman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/12/2024

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 382357

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 382357
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2301325760
Incident Name	NAPP2301325760 HOBBS BOOSTER STATION @ 0
Incident Type	Natural Gas Release
Incident Status	Notification Accepted
Incident Facility	[fCS0000000198] HOBBS BOOSTER CS

Location of Release Source	
Site Name	Hobbs Booster Station
Date Release Discovered	06/01/1999
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	2,180,000
What is the estimated number of samples that will be gathered	29
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/16/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Groundwater abatement per 19.15.30.14B NMAC
Please provide any information necessary for navigation to sampling site	Kyle Norman - 575-318-5017

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
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District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 382357

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 382357
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
knorman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/10/2024

Appendix B
Historical Analytical Results

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-1	09/15/2005	0.017	<0.002	0.047	0.066	
MW-1	02/27/2014			LNAPL		Sampled Annually
MW-1	06/03/2014			LNAPL		Sampled Annually
MW-1	09/24/2014			LNAPL		Annual Event
MW-1	12/03/2014			LNAPL		Sampled Annually
MW-1	02/25/2015			LNAPL		Sampled Annually
MW-1	06/03/2015			LNAPL		Sampled Annually
MW-1	09/01/2015			LNAPL		Annual Event
MW-1	12/16/2015			LNAPL		Sampled Annually
MW-1	03/24/2016			LNAPL		Sampled Annually
MW-1	06/23/2016			LNAPL		Sampled Annually
MW-1	09/28/2016			LNAPL		Annual Event
MW-1	12/21/2016			LNAPL		Sampled Annually
MW-1	03/09/2017			LNAPL		Sampled Annually
MW-1	06/21/2017			LNAPL		Sampled Annually
MW-1	09/26/2017			LNAPL		Annual Event
MW-1	12/20/2017			LNAPL		Sampled Annually
MW-1	03/13/2018			LNAPL		Sampled Annually
MW-1	06/26/2018			LNAPL		Sampled Annually
MW-1	09/11/2018			LNAPL		Annual Event
MW-1	12/27/2018			LNAPL		Annual Event
MW-1	09/24/2019			LNAPL		Annual Event
MW-1	09/23/2020			LNAPL		Annual Event
MW-1	12/15/2020	Sampled Annually - Historical LNAPL Present				
MW-1	03/23/2021	Sampled Annually - Historical LNAPL Present				
MW-1	06/29/2021	Sampled Annually - Historical LNAPL Present				
MW-1	09/20/2021	Sampled Annually - Historical LNAPL Present				Annual Event; LNAPL
MW-1	12/13/2021	Sampled Annually - Historical LNAPL Present				LNAPL - 2.99'
MW-1	03/22/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 2.76'
MW-1	06/21/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 2.56'
MW-1	09/15/2022	Sampled Annually - Historical LNAPL Present				Annual Event; LNAPL - 1.97'
MW-1	12/06/2022	0.0024	<0.00100	<0.00100	<0.00300	
MW-1	03/15/2023	Sampled Annually - Historical LNAPL Present				
MW-1	06/20/2023	Sampled Annually - Historical LNAPL Present				
MW-1	09/19/2023	NS - LNAPL				LNAPL - 0.19'
MW-1	12/05/2023	Sampled Annually During Third Quarter				
MW-1	03/14/2024	Sampled Annually During Third Quarter				
MW-1	06/11/2024	Sampled Annually During Third Quarter				
MW-1	09/17/2024	NS - LNAPL				LNAPL - SHEEN
MW-2	02/27/2014			LNAPL		Sampled Annually
MW-2	06/03/2014			LNAPL		Sampled Annually
MW-2	09/24/2014			LNAPL		Annual Event
MW-2	12/03/2014			LNAPL		Sampled Annually
MW-2	02/25/2015			LNAPL		Sampled Annually
MW-2	06/03/2015			LNAPL		Sampled Annually
MW-2	09/01/2015			LNAPL		Annual Event
MW-2	12/16/2015			LNAPL		Sampled Annually
MW-2	03/24/2016			DRY		Sampled Annually
MW-2	06/23/2016			LNAPL		Sampled Annually
MW-2	09/29/2016			LNAPL		Annual Event
MW-2	12/21/2016			LNAPL		Sampled Annually
MW-2	03/09/2017			LNAPL		Sampled Annually
MW-2	06/21/2017			LNAPL		Sampled Annually
MW-2	09/26/2017			LNAPL		Annual Event
MW-2	12/20/2017			LNAPL		Sampled Annually
MW-2	03/13/2018			LNAPL		Sampled Annually
MW-2	06/26/2018			LNAPL		Sampled Annually
MW-2	09/11/2018			LNAPL		Annual Event
MW-2	09/24/2019			LNAPL		Annual Event
MW-2	09/23/2020			LNAPL		Annual Event

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-2	12/15/2020	Sampled Annually - Historical LNAPL Present				
MW-2	03/23/2021	Sampled Annually - Historical LNAPL Present				
MW-2	06/29/2021	Sampled Annually - Historical LNAPL Present				
MW-2	09/20/2021	Sampled Annually - Historical LNAPL Present				Annual Event; LNAPL
MW-2	12/13/2021	Sampled Annually - Historical LNAPL Present				LNAPL - 2.00'
MW-2	03/22/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 1.96'
MW-2	06/21/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 1.96'
MW-2	09/15/2022	Sampled Annually - Historical LNAPL Present				Annual Event; LNAPL - 1.92'
MW-2	12/05/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 1.89'
MW-2	03/15/2023	Sampled Annually - Historical LNAPL Present				LNAPL - 0.33'
MW-2	06/20/2023	Sampled Annually - Historical LNAPL Present				LNAPL - Sheen
MW-2	09/19/2023	NS - Well Obstructed				
MW-2	12/05/2023	Sampled Annually - Historical LNAPL Present				
MW-2	03/14/2024	Sampled Annually - Historical LNAPL Present				
MW-2	06/11/2024	Sampled Annually - Historical LNAPL Present				
MW-2	09/17/2024	NS - Well Obstructed				
MW-3	09/14/2005	0.0025	<0.002	0.24	0.17	
MW-3	06/21/2006	0.0018	<0.002	0.14	0.089	
MW-3	06/27/2007	0.0012	<0.002	0.207	0.0977	
MW-3	09/21/2009	<0.002	<0.002	0.0123	0.0031	
MW-3	09/14/2010	<0.001	<0.002	0.0134	-	
MW-3	03/29/2011	NS	NS	NS	NS	
MW-3	09/16/2011	<0.001	<0.002	0.0246	0.0135	
MW-3	12/06/2011	NS	NS	NS	NS	
MW-3	03/09/2012	<0.001	<0.002	0.0019	<0.004	
MW-3	06/06/2012	NS	NS	NS	NS	
MW-3	09/06/2012	<0.001	<0.002	0.0022	0.0023	
MW-3	12/05/2012	NS	NS	NS	NS	
MW-3	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-3	06/03/2013	NS	NS	NS	NS	
MW-3	09/10/2013	<0.001	<0.002	0.0023	<0.003	
MW-3	12/02/2013	NS	NS	NS	NS	
MW-3	02/27/2014	NS	NS	NS	NS	Sampled Annually
MW-3	06/03/2014	NS	NS	NS	NS	Sampled Annually
MW-3	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-3	12/03/2014	NS	NS	NS	NS	Sampled Annually
MW-3	02/25/2015	NS	NS	NS	NS	Sampled Annually
MW-3	06/03/2015	NS	NS	NS	NS	Sampled Annually
MW-3	09/01/2015	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-3	12/16/2015	NS	NS	NS	NS	Sampled Annually
MW-3	03/24/2016	NS	NS	NS	NS	Sampled Annually
MW-3	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-3	09/29/2016	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-3	12/21/2016	NS	NS	NS	NS	Sampled Annually
MW-3	03/09/2017	NS	NS	NS	NS	Sampled Annually
MW-3	06/21/2017	NS	NS	NS	NS	Sampled Annually
MW-3	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	12/20/2017	NS	NS	NS	NS	Sampled Annually
MW-3	03/13/2018	NS	NS	NS	NS	Sampled Annually
MW-3	06/26/2018	NS	NS	NS	NS	Sampled Annually
MW-3	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-3	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-3	12/15/2020	Sampled Annually During Third Quarter				
MW-3	03/23/2021	Sampled Annually During Third Quarter				
MW-3	06/29/2021	Sampled Annually During Third Quarter				
MW-3	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-3	12/13/2021	Sampled Annually During Third Quarter				
MW-3	03/22/2022	Sampled Annually During Third Quarter				
MW-3	06/21/2022	Sampled Annually During Third Quarter				

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-3	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-3	12/05/2022	Sampled Annually During Third Quarter				
MW-3	03/15/2023	Sampled Annually During Third Quarter				
MW-3	06/20/2023	Sampled Annually During Third Quarter				
MW-3	09/19/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-3	12/05/2023	Sampled Annually During Third Quarter				
MW-3	03/14/2024	Sampled Annually During Third Quarter				
MW-3	06/11/2024	Sampled Annually During Third Quarter				
MW-3	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-5	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-5	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-5	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-5	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-5	09/14/2010	<0.001	<0.002	<0.002	-	
MW-5	03/29/2011	NS	NS	NS	NS	
MW-5	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-5	12/06/2011	NS	NS	NS	NS	
MW-5	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-5	06/06/2012	NS	NS	NS	NS	
MW-5	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-5	12/05/2012	NS	NS	NS	NS	
MW-5	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-5	06/03/2013	NS	NS	NS	NS	
MW-5	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-5	12/02/2013	NS	NS	NS	NS	
MW-5	02/27/2014	NS	NS	NS	NS	Sampled Annually
MW-5	06/03/2014	NS	NS	NS	NS	Sampled Annually
MW-5	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-5	12/03/2014	NS	NS	NS	NS	Sampled Annually
MW-5	02/25/2015	NS	NS	NS	NS	Sampled Annually
MW-5	06/03/2015	NS	NS	NS	NS	Sampled Annually
MW-5	09/01/2015	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	12/16/2015	NS	NS	NS	NS	Sampled Annually
MW-5	03/24/2016	NS	NS	NS	NS	Sampled Annually
MW-5	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-5	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	12/21/2016	NS	NS	NS	NS	Sampled Annually
MW-5	03/09/2017	NS	NS	NS	NS	Sampled Annually
MW-5	06/21/2017	NS	NS	NS	NS	Sampled Annually
MW-5	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	12/20/2017	NS	NS	NS	NS	Sampled Annually
MW-5	03/13/2018	NS	NS	NS	NS	Sampled Annually
MW-5	06/26/2018	NS	NS	NS	NS	Sampled Annually
MW-5	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-5	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-5	12/15/2020	NS	NS	NS	NS	
MW-5	03/23/2021	NS	NS	NS	NS	
MW-5	06/29/2021	NS	NS	NS	NS	
MW-5	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-5	12/13/2021	Sampled Annually During Third Quarter				
MW-5	03/22/2022	Sampled Annually During Third Quarter				
MW-5	06/21/2022	Sampled Annually During Third Quarter				
MW-5	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-5	12/05/2022	Sampled Annually During Third Quarter				
MW-5	03/15/2023	Sampled Annually During Third Quarter				
MW-5	06/20/2023	Sampled Annually During Third Quarter				
MW-5	09/19/2023	0.000128 J	<0.00100	<0.00100	<0.00300	
MW-5	12/05/2023	Well Plugged and Abandoned				

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-5R	12/05/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-5R	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-5R	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-5R	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-6	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-6	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-6	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-6	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-6	09/14/2010	<0.001	<0.002	<0.002	-	
MW-6	03/29/2011	NS	NS	NS	NS	
MW-6	09/16/2011	<0.001	<0.002	<0.002	<0.004	
MW-6	12/06/2011	NS	NS	NS	NS	
MW-6	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-6	06/06/2012	NS	NS	NS	NS	
MW-6	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-6	12/05/2012	NS	NS	NS	NS	
MW-6	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-6	06/03/2013	NS	NS	NS	NS	
MW-6	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-6	12/02/2013	NS	NS	NS	NS	
MW-6	02/27/2014	NS	NS	NS	NS	Sampled Annually
MW-6	06/03/2014	NS	NS	NS	NS	Sampled Annually
MW-6	09/22/2014	<0.001	<0.001	<0.001	<0.001	Annual Event
MW-6	12/03/2014	NS	NS	NS	NS	Sampled Annually
MW-6	02/25/2015	NS	NS	NS	NS	Sampled Annually
MW-6	06/03/2015	NS	NS	NS	NS	Sampled Annually
MW-6	09/01/2015	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-6	12/16/2015	NS	NS	NS	NS	Sampled Annually
MW-6	03/24/2016	NS	NS	NS	NS	Sampled Annually
MW-6	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-6	09/29/2016	<.0010	<.0010	<.0010	<.0030	Annual Event
MW-6	12/21/2016	NS	NS	NS	NS	Sampled Annually
MW-6	03/09/2017	NS	NS	NS	NS	Sampled Annually
MW-6	06/21/2017	NS	NS	NS	NS	Sampled Annually
MW-6	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-6	03/13/2018	NS	NS	NS	NS	Sampled Annually
MW-6	06/26/2018	NS	NS	NS	NS	Sampled Annually
MW-6	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-6	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	Annual Event
MW-6	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-6	12/15/2020	NS	NS	NS	NS	
MW-6	03/23/2021	NS	NS	NS	NS	
MW-6	06/29/2021	NS	NS	NS	NS	
MW-6	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-6	12/13/2021	Sampled Annually During Third Quarter				
MW-6	03/22/2022	Sampled Annually During Third Quarter				
MW-6	06/21/2022	Sampled Annually During Third Quarter				
MW-6	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	Annual Event
MW-6	12/05/2022	Sampled Annually During Third Quarter				
MW-6	03/15/2023	Sampled Annually During Third Quarter				
MW-6	06/20/2023	Sampled Annually During Third Quarter				
MW-6	09/19/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-6	12/05/2023	Sampled Annually During Third Quarter				
MW-6	03/14/2024	Sampled Annually During Third Quarter				
MW-6	06/11/2024	Sampled Annually During Third Quarter				
MW-6	09/17/2024	NS - Insufficient Volume				
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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-7	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-7	09/29/2010	<0.001	<0.002	<0.002	-	
MW-7	03/29/2011	NS	NS	NS	NS	
MW-7	09/16/2011	NS	NS	NS	NS	
MW-7	12/06/2011	NS	NS	NS	NS	
MW-7	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-7	06/06/2012	NS	NS	NS	NS	Sampled Annually
MW-7	09/06/2012	DRY				Annual Event
MW-7	12/05/2012	NS	NS	NS	NS	Sampled Annually
MW-7	02/19/2013	NS	NS	NS	NS	Sampled Annually
MW-7	06/03/2013	NS	NS	NS	NS	Sampled Annually
MW-7	09/10/2013	DRY				Annual Event
MW-7	12/02/2013	NS	NS	NS	NS	Sampled Annually
MW-7	02/27/2014	NS	NS	NS	NS	Sampled Annually
MW-7	06/03/2014	NS	NS	NS	NS	Sampled Annually
MW-7	09/22/2014	DRY				Annual Event
MW-7	12/03/2014	DRY				Sampled Annually
MW-7	02/25/2015	DRY				Sampled Annually
MW-7	06/03/2015	DRY				Sampled Annually
MW-7	09/01/2015	DRY				Annual Event
MW-7	12/16/2015	DRY				Sampled Annually
MW-7	03/24/2016	DRY				Sampled Annually
MW-7	06/23/2016	DRY				Sampled Annually
MW-7	09/28/2016	DRY				Annual Event
MW-7	12/21/2016	DRY				Sampled Annually
MW-7	03/09/2017	DRY				Sampled Annually
MW-7	06/21/2017	DRY				Sampled Annually
MW-7	09/26/2017	DRY				Annual Event
MW-7	12/20/2017	DRY				Sampled Annually
MW-7	03/13/2018	DRY				Sampled Annually
MW-7	06/26/2018	DRY				Sampled Annually
MW-7	09/11/2018	DRY				Annual Event
MW-7	09/24/2019	DRY				Annual Event
MW-7	09/23/2020	DRY				Annual Event
MW-7	12/15/2020	DRY				
MW-7	03/23/2021	DRY				
MW-7	06/29/2021	DRY				
MW-7	09/20/2021	DRY				Annual Event
MW-7	12/13/2021	Sampled Annually - Historically Dry				
MW-7	03/22/2022	Sampled Annually - Historically Dry				
MW-7	06/21/2022	Sampled Annually - Historically Dry				
MW-7	09/15/2022	Sampled Annually - Historically Dry				Annual Event
MW-7	12/05/2022	Sampled Annually - Historically Dry				
MW-7	03/15/2023	Sampled Annually - Historically Dry				
MW-7	06/20/2023	Sampled Annually - Historically Dry				
MW-7	09/19/2023	NS - DRY				
MW-7	12/05/2023	Well Plugged and Abandoned				
MW-7R	12/05/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-7R	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-7R	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-7R	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-9	02/27/2014	LNAPL				Sampled Annually
MW-9	06/03/2014	LNAPL				Sampled Annually
MW-9	09/24/2014	LNAPL				Annual Event
MW-9	12/03/2014	LNAPL				Sampled Annually
MW-9	02/25/2015	LNAPL				Sampled Annually
MW-9	06/03/2015	LNAPL				Sampled Annually
MW-9	09/01/2015	LNAPL				Annual Event
MW-9	12/16/2015	LNAPL				Sampled Annually

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-9	03/24/2016	LNAPL				Sampled Annually
MW-9	06/23/2016	LNAPL				Sampled Annually
MW-9	09/28/2016	LNAPL				Annual Event
MW-9	12/21/2016	LNAPL				Sampled Annually
MW-9	03/09/2017	LNAPL				Sampled Annually
MW-9	06/21/2017	LNAPL				Sampled Annually
MW-9	09/26/2017	LNAPL				Annual Event
MW-9	12/20/2017	LNAPL				Sampled Annually
MW-9	03/13/2018	LNAPL				Sampled Annually
MW-9	06/26/2018	LNAPL				Sampled Annually
MW-9	09/11/2018	LNAPL				Annual Event
MW-9	09/24/2019	LNAPL				Annual Event
MW-9	09/22/2020	LNAPL				Annual Event
MW-9	12/15/2020	Sampled Annually - Historical LNAPL Present				
MW-9	03/23/2021	Sampled Annually - Historical LNAPL Present				
MW-9	06/29/2021	Sampled Annually - Historical LNAPL Present				
MW-9	09/20/2021	LNAPL				Annual Event - LNAPL
MW-9	12/13/2021	Sampled Annually - Historical LNAPL Present				LNAPL - 4.82'
MW-9	03/22/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 4.67'
MW-9	06/21/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 4.75'
MW-9	09/15/2022	LNAPL				Annual Event; LNAPL- 4.50'
MW-9	12/05/2022	Sampled Annually - Historical LNAPL Present				LNAPL - 4.60'
MW-9	03/15/2023	Sampled Annually - Historical LNAPL Present				LNAPL - 1.48'
MW-9	06/20/2023	Sampled Annually - Historical LNAPL Present				LNAPL - 4.48'
MW-9	09/19/2023	NS - LNAPL				LNAPL - 4.39'
MW-9	12/05/2023	Sampled Annually - Historical LNAPL Present				LNAPL - 4.41'
MW-9	03/14/2024	Sampled Annually - Historical LNAPL Present				LNAPL - 3.36'
MW-9	06/11/2024	Sampled Annually - Historical LNAPL Present				LNAPL - 4.23'
MW-9	09/17/2024	NS - LNAPL				LNAPL - 3.36'
MW-10	06/21/2006	0.62	0.0195	0.19	0.26	
MW-10	06/27/2007	0.42	0.0037	0.221	0.31	
MW-10	09/21/2009	0.0813	<0.002	0.343	0.0115	
MW-10	09/14/2010	0.123	<0.002	0.274	-	
MW-10	03/29/2011	NS	NS	NS	NS	
MW-10	09/16/2011	0.213	<0.002	0.135	<0.02	Duplicate sample collected
MW-10	12/06/2011	NS	NS	NS	NS	
MW-10	03/09/2012	NS	NS	NS	NS	
MW-10	06/06/2012	NS	NS	NS	NS	
MW-10	09/06/2012	NS	NS	NS	NS	
MW-10	12/05/2012	NS	NS	NS	NS	
MW-10	02/19/2013	LNAPL				
MW-10	06/03/2013	LNAPL				
MW-10	09/10/2013	LNAPL				
MW-10	12/02/2013	LNAPL				
MW-10	02/27/2014	LNAPL				Sampled Annually
MW-10	06/03/2014	LNAPL				Sampled Annually
MW-10	09/24/2014	LNAPL				Annual Event
MW-10	12/03/2014	LNAPL				Sampled Annually
MW-10	02/25/2015	LNAPL				Sampled Annually
MW-10	06/03/2015	LNAPL				Sampled Annually
MW-10	09/01/2015	LNAPL				Annual Event
MW-10	12/16/2015	LNAPL				Sampled Annually
MW-10	03/24/2016	LNAPL				Sampled Annually
MW-10	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-10	09/28/2016	LNAPL				Annual Event
MW-10	12/21/2016	LNAPL				Sampled Annually
MW-10	03/09/2017	LNAPL				Sampled Annually
MW-10	06/21/2017	LNAPL				Sampled Annually

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-10	09/26/2017	LNAPL				Annual Event
MW-10	12/20/2017	LNAPL				Sampled Annually
MW-10	03/13/2018	LNAPL				Sampled Annually
MW-10	06/26/2018	LNAPL				Sampled Annually
MW-10	09/11/2018	LNAPL				Annual Event
MW-10	09/24/2019	LNAPL				Annual Event
MW-10	09/23/2020	NM				Passive Bailer in Well
MW-10	12/15/2020	NS	NS	NS	NS	Passive Bailer in Well
MW-10	03/23/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-10	06/29/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-10	09/20/2021	NS	NS	NS	NS	Passive Bailer in Well
MW-10	12/13/2021	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 2.74'
MW-10	03/22/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 3.07'
MW-10	06/21/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 3.16'
MW-10	09/15/2022	LNAPL				Passive Bailer in Well; LNAPL - 3.28'
MW-10	12/05/2022	Sampled Annually - Historical LNAPL Present				Active Spill Buster
MW-10	03/15/2023	Sampled Annually - Historical LNAPL Present				Active Spill Buster
MW-10	06/20/2023	Sampled Annually - Historical LNAPL Present				Active Spill Buster
MW-10	09/19/2023	NS - LNAPL				LNAPL - 0.30'
MW-10	12/05/2023	Sampled Annually - Historical LNAPL Present				LNAPL - 0.25'
MW-10	03/14/2024	Sampled Annually - Historical LNAPL Present				LNAPL - 0.36'
MW-10	06/11/2024	Sampled Annually - Historical LNAPL Present				LNAPL - 0.35'
MW-10	09/17/2024	NS - LNAPL				LNAPL - 0.15'
MW-12	02/27/2014	LNAPL				Sampled Annually
MW-12	06/03/2014	LNAPL				Sampled Annually
MW-12	09/22/2014	LNAPL				Annual Event
MW-12	12/03/2014	LNAPL				Sampled Annually
MW-12	02/25/2015	LNAPL				Sampled Annually
MW-12	06/03/2015	LNAPL				Sampled Annually
MW-12	09/01/2015	LNAPL				Annual Event
MW-12	12/16/2015	LNAPL				Sampled Annually
MW-12	03/24/2016	LNAPL				Sampled Annually
MW-12	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-12	12/21/2016	NS	NS	NS	NS	Sampled Annually
MW-12	03/09/2017	NS	NS	NS	NS	Sampled Annually
MW-12	06/21/2017	NS	NS	NS	NS	Sampled Annually
MW-12	09/26/2017	NS	NS	NS	NS	Spill Buster in Well
MW-12	09/11/2018	NS	NS	NS	NS	Spill Buster in Well
MW-12	09/24/2019	NS	NS	NS	NS	Spill Buster in Well
MW-12	09/23/2020	NS	NS	NS	NS	Spill Buster in Well
MW-12	12/15/2020	NS	NS	NS	NS	Spill Buster in Well
MW-12	03/23/2021	NS	NS	NS	NS	Spill Buster in Well
MW-12	06/29/2021	NS	NS	NS	NS	Spill Buster in Well
MW-12	09/20/2021	NS	NS	NS	NS	Spill Buster in Well
MW-12	12/13/2021	NS	NS	NS	NS	Spill Buster in Well
MW-12	03/22/2022	NS	NS	NS	NS	Spill Buster in Well
MW-12	06/21/2022	NS	NS	NS	NS	Spill Buster in Well
MW-12	09/15/2022	NS	NS	NS	NS	Spill buster in well; removed in 4Q22
MW-12	10/24/2022	NS	NS	NS	NS	Passive bailer; LNAPL - 0.65'
MW-12	12/05/2022	NS - LNAPL				LNAPL - 1.83'
MW-12	03/15/2023	NS - LNAPL				LNAPL
MW-12	06/20/2023	NS - LNAPL				LNAPL
MW-12	09/19/2023	NS - LNAPL				LNAPL - 4.06'
MW-12	12/05/2023	NS - LNAPL				LNAPL - 3.64'
MW-12	03/14/2024	NS - LNAPL				LNAPL - 3.78'
MW-12	06/11/2024	NS - LNAPL				LNAPL - 3.70'
MW-12	09/17/2024	NS - LNAPL				LNAPL - 5.32'
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	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-14	12/13/2005	0.045	<0.002	0.0099	0.003	
MW-14	03/28/2006	0.022	<0.002	0.0068	0.0026	
MW-14	06/21/2006	0.014	0.00095	0.005	0.0042	
MW-14	09/27/2006	0.18	0.014	0.015	0.026	
MW-14	12/20/2006	0.5	0.0204	0.029	0.059	
MW-14	03/29/2007	0.881	0.0115	0.0368	0.0809	
MW-14	06/27/2007	1.11	0.01	0.0421	0.104	
MW-14	09/06/2007	0.603	0.00088	0.0194	0.0243	
MW-14	11/28/2007	0.431	<0.0027	0.0155	0.0075	
MW-14	03/06/2008	0.627	0.0445	0.0372	0.0228	
MW-14	12/02/2008	0.38	<0.002	0.0172	<0.0014	
MW-14	03/09/2009	0.341	<0.002	0.017	<0.0014	
MW-14	05/26/2009	0.285	<0.01	0.0104	<0.0068	
MW-14	09/21/2009	0.205	<0.002	0.008	<0.0017	
MW-14	12/20/2009	0.165	<0.002	0.0037	<0.0017	
MW-14	03/09/2010	<0.40	<0.002	<1.0	-	
MW-14	06/14/2010	0.081	<0.002	0.0017	-	
MW-14	09/14/2010	0.11	<0.002	0.0024	-	
MW-14	12/07/2010	0.118	<0.002	0.002	-	
MW-14	03/29/2011	0.0901	0.0041	<0.002	<0.002	
MW-14	06/21/2011	0.187	<0.0010	0.0043	<0.0020	
MW-14	09/15/2011	0.15	<0.002	0.0024	<0.004	
MW-14	12/06/2011	0.0787	<0.002	0.0017	<0.004	Duplicate sample collected
MW-14	03/09/2012	0.0523	<0.002	0.00066	<0.004	
MW-14	06/06/2012	0.0335	<0.002	0.00064	<0.003	
MW-14	09/06/2012	0.105	<0.002	0.0012	<0.003	
MW-14	12/05/2012	0.129	<0.002	0.00081	<0.003	
MW-14	02/19/2013	0.0603	<0.002	0.00084	<0.003	
MW-14	06/03/2013	0.0461	<0.002	0.0012	<0.003	Duplicate sample collected
MW-14	09/10/2013	0.0959	<0.002	0.0016	<0.003	Duplicate A sample collected
MW-14	12/02/2013	0.0636	<0.002	0.0011	<0.003	Duplicate A sample collected
MW-14	02/27/2014	0.105	<0.002	0.0012 J	0.0021 J	Duplicate sample collected
MW-14 - Duplicate	02/27/2014	0.117	<0.002	0.0012 J	0.0022 J	
MW-14	06/03/2014	0.0265	<0.002	0.00084 J	<0.003	Duplicate sample collected
MW-14 - Duplicate	06/03/2014	0.0209	<0.002	0.00058 J	<0.003	
MW-14	09/23/2014	0.1	<0.001	0.00066 J	0.0026	Duplicate A Sample Collected
MW-14 (Duplicate)	09/23/2014	0.0673	<0.001	0.00064 J	0.0017	
MW-14	12/03/2014	0.0186	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	12/03/2014	0.0216	<0.001	0.00034 J	0.00081 J	
MW-14	02/25/2015	0.046	<0.005	<0.005	<0.015	Duplicate Sample Collected
MW-14 (Duplicate)	02/25/2015	0.046	<0.005	<0.005	<0.015	
MW-14	06/03/2015	0.0077	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	06/03/2015	0.061	<0.001	<0.001	0.0047	
MW-14	09/01/2015	0.031	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	09/01/2015	0.062	<0.001	<0.001	<0.003	
MW-14	12/16/2015	0.12	<0.001	<0.001	<0.003	Duplicate Sample Collected
MW-14 (Duplicate)	12/16/2015	0.056	<0.001	<0.001	<0.003	
MW-14	03/23/2016	0.01	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	03/23/2016	0.06	<0.0010	<0.0010	<0.0030	
MW-14	06/23/2016	0.01	<0.0010	<0.0010	<0.0030	Duplicate Sample Collected
MW-14 (Duplicate)	06/23/2016	0.017	<0.0010	<0.0010	<0.0030	
MW-14	09/29/2016	0.031	<0.0010	<0.0010	<0.0030	Duplicate Sample Collected
MW-14 (Duplicate)	09/29/2016	0.037	<0.0010	<0.0010	<0.0030	
MW-14	12/21/2016	0.047	<0.0010	<0.0010	<0.0030	Duplicate Sample Collected
MW-14 (Duplicate)	12/21/2016	0.015	<0.0010	<0.0010	<0.0010	
MW-14	03/09/2017	0.013	<0.0010	<0.0010	<0.0010	Duplicate Sample Collected
MW-14 (Duplicate)	03/09/2017	0.027	<0.0010	<0.0010	<0.0010	
MW-14	06/21/2017	0.11	<0.0010	0.0023	0.0016	Duplicate Sample Collected
MW-14 (Duplicate)	06/21/2017	0.14	<0.0010	0.0018	0.0018	

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HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-14	09/26/2017	0.35	<0.0010	0.00237	0.00418	Duplicate sample collected
MW-14 (Duplicate)	09/26/2017	0.339	<0.0010	0.00265	0.00448	
MW-14	12/20/2017	0.127	<0.005	<0.005	<0.015	Duplicate sample collected
MW-14 (Duplicate)	12/20/2017	0.138	<0.001	0.000411 J	<0.0030	
MW-14	03/13/2018	0.0413	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	03/13/2018	0.0396	<0.0010	<0.0010	<0.0030	
MW-14	06/27/2018	0.0506	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	06/27/2018	0.0356	<0.0010	<0.0010	<0.0030	
MW-14	09/11/2018	0.0543	<0.0010	0.000764 J	0.00204 J	Duplicate sample collected
MW-14 (Duplicate)	09/11/2018	0.0593	<0.0010	0.000654 J	0.00182 J	
MW-14	12/27/2018	0.115	<0.0010	0.00142	0.00730	Duplicate sample collected
MW-14 (Duplicate)	12/27/2018	0.120	<0.0010	0.00150	0.00785	
MW-14	03/15/2019	0.148	<0.0010	0.00039 J	0.00174 J	Duplicate sample collected
MW-14 (Duplicate)	03/15/2019	0.119	<0.0010	<0.0010	0.00159 J	
MW-14	06/06/2019	0.142	0.000465 J	<0.0010	0.00197 J	Duplicate sample collected
MW-14 (Duplicate)	06/06/2019	0.138	<0.0010	<0.0010	0.00158 J	
MW-14	09/25/2019	0.173	<0.0010	<0.0010	<0.0030	Duplicate A sample collected
MW-14 (Duplicate)	09/25/2019	0.170	<0.0010	0.000401 J	<0.0030	
MW-14	12/16/2019	0.0851	<0.0010	<0.0010	<0.0030	Duplicate sample collected
MW-14 (Duplicate)	12/16/2019	0.170	<0.0010	0.000401 J	<0.0030	
MW-14	06/16/2020	0.0398	<0.0010	<0.0010	0.000367 J	Duplicate sample collected
MW-14 (Duplicate)	06/16/2020	0.0395	<0.0010	<0.0010	0.000351 J	
MW-14	09/23/2020	0.00803	<0.00100	<0.00100	0.000205 J	Duplicate A sample collected
MW-14 (Duplicate)	09/23/2020	0.0075	<0.00100	<0.00100	<0.00300	
MW-14	12/15/2020	0.0120	<0.00100	<0.00100	0.000458 J	Duplicate A sample collected
MW-14 (Duplicate)	12/15/2020	0.0128	<0.00100	<0.00100	0.000470 J	
MW-14	03/23/2021	0.0111	<0.00100	<0.00100	0.000379 J	Duplicate A sample collected
MW-14 (Duplicate)	03/23/2021	0.0117	<0.00100	<0.00100	0.000328 J	
MW-14	06/30/2021	0.00109	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	06/30/2021	0.000929 J	<0.00100	<0.00100	0.000328 J	
MW-14	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-14	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate B sample collected
MW-14 (Duplicate)	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-14	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-14	06/21/2022	0.000541 J	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	06/21/2022	0.000464 J	<0.00100	<0.00100	<0.00300	
MW-14	09/15/2022	0.00214	<0.00100	<0.00100	<0.00300	Duplicate A sample collected
MW-14 (Duplicate)	09/15/2022	0.000270 J	<0.00100	<0.00100	<0.00300	
MW-14	12/06/2022	0.00238	<0.00100	<0.00100	<0.00300	Duplicate A Sample Collected
MW-14 (Duplicate A)	12/06/2022	0.00233	<0.00100	<0.00100	<0.00300	
MW-14	03/15/2023	0.00359	<0.00100	<0.00100	<0.00300	
MW-14	06/20/2023	0.00303	<0.00100	0.000282 J	0.000176 J	Duplicate 2 Sample Collected
MW-14 (Duplicate 2)	06/20/2023	0.00472	<0.00100	0.000288 J	<0.00300	
MW-14	09/19/2023	0.0163	<0.00100	0.00684	0.000544 J	
MW-14	12/05/2023	0.0132	<0.00100	0.00483	0.000399 J	
MW-14	03/14/2024	0.0163	<0.00100	0.000662 J	0.000202 J	
MW-14	06/11/2024	0.0412	<0.00100	0.000321 J	0.000498 J	
MW-14	09/17/2024	0.0181	<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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-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-15	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	12/06/2022	<0.00100	<0.00100	<0.00100	<0.00300	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-15	03/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	06/20/2023	0.00303	<0.00100	0.000282 J	0.000176 J	
MW-15	09/19/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	12/05/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-15	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	03/23/2005	<0.001	<0.002	<0.002	<0.006	
MW-16	06/08/2005	<0.001	<0.002	<0.002	<0.006	
MW-16	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-16	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-16	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	12/20/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	03/29/2007	0.00043	<0.002	<0.002	<0.006	
MW-16	06/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-16	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-16	11/28/2007	<0.0012	<0.002	<0.002	<0.006	
MW-16	03/06/2008	<0.002	<0.002	<0.002	<0.006	
MW-16	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-16	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	03/09/2010	<0.001	<0.002	0.0028	-	
MW-16	06/14/2010	<0.001	<0.002	<0.30	-	
MW-16	09/14/2010	<0.001	<0.002	<0.00030	-	
MW-16	12/07/2010	<0.001	<0.002	<0.00030	-	
MW-16	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-16	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-16	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-16	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-16	09/23/2014	<0.001	<0.001	<0.001	<0.001	MS/MSD Collected
MW-16	12/03/2014	<0.001	<0.001	<0.001	<0.003	MS/MSD Collected
MW-16	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-16	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-16	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	

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BTEX CONCENTRATIONS IN GROUNDWATER
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LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-16	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-16	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	12/06/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	03/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	06/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	09/19/2023	NS - Well Obstructed				Bailer fell in well - unable to be retrieved
MW-16	12/14/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-16	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-17	02/27/2014	LNAPL				Sampled Annually
MW-17	06/03/2014	LNAPL				Sampled Annually
MW-17	09/24/2014	LNAPL				Annual Event
MW-17	12/03/2014	LNAPL				Sampled Annually
MW-17	06/03/2015	LNAPL				Sampled Annually
MW-17	09/01/2015	LNAPL				Annual Event
MW-17	12/16/2015	LNAPL				Sampled Annually
MW-17	03/24/2016	LNAPL				Sampled Annually
MW-17	06/23/2016	LNAPL				Sampled Annually
MW-17	09/28/2016	LNAPL				Annual Event
MW-17	12/21/2016	LNAPL				Sampled Annually
MW-17	03/09/2017	LNAPL				Sampled Annually
MW-17	06/21/2017	LNAPL				Sampled Annually
MW-17	09/26/2017	LNAPL				Annual Event
MW-17	12/20/2017	LNAPL				Sampled Annually
MW-17	03/13/2018	LNAPL				Sampled Annually
MW-17	06/26/2018	LNAPL				Sampled Annually
MW-17	09/11/2018	LNAPL				Annual Event
MW-17	09/24/2019	LNAPL				Annual Event
MW-17	09/23/2020	Not Measured				Passive Bailer in Well
MW-17	12/15/2020	Not Measured				Passive Bailer in Well
MW-17	03/23/2021	Sampled Annually During Third Quarter				Passive Bailer in Well
MW-17	06/29/2021	Sampled Annually During Third Quarter				Passive Bailer in Well
MW-17	09/20/2021	Not Sampled - LNAPL				Passive Bailer in Well
MW-17	12/14/2021	Sampled Annually During Third Quarter				Passive Bailer in Well; LNAPL - 0.15'
MW-17	03/22/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; No LNAPL
MW-17	06/21/2022	Sampled Annually During Third Quarter				Passive Bailer in Well; No LNAPL
MW-17	09/15/2022	0.00562	<0.00100	0.00881	0.00184 J	Annual Event; Passive Bailer in Well
MW-17	12/05/2022	Sampled Annually During Third Quarter				Passive Bailer in Well
MW-17	03/15/2023	Sampled Annually During Third Quarter				
MW-17	06/20/2023	Sampled Annually During Third Quarter				
MW-17	09/19/2023	0.000698 J	<0.00100	0.000955 J	0.000537 J	
MW-17	12/05/2023	Sampled Annually During Third Quarter				
MW-17	03/14/2024	Sampled Annually During Third Quarter				
MW-17	06/11/2024	Sampled Annually During Third Quarter				
MW-17	09/17/2024	0.0107	<0.00100	0.000674 J	<0.00300	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-18	06/21/2006	0.013	0.0017	0.031	0.023	
MW-18	06/27/2007	0.0214	0.0016	0.0475	0.0178	
MW-18	12/02/2008	0.0216	<0.002	0.0221	0.0183	
MW-18	09/21/2009	0.0445	<0.002	0.0297	0.0264	
MW-18	02/27/2014	LNAPL				Sampled Annually
MW-18	06/03/2014	LNAPL				Sampled Annually
MW-18	09/24/2014	LNAPL				Annual Event
MW-18	12/03/2014	LNAPL				Sampled Annually
MW-18	06/03/2015	LNAPL				Sampled Annually
MW-18	09/01/2015	LNAPL				Annual Event
MW-18	12/16/2015	LNAPL				Sampled Annually
MW-18	03/24/2016	NS	NS	NS	NS	Sampled Annually
MW-18	06/23/2016	NS	NS	NS	NS	Sampled Annually
MW-18	09/28/2016	LNAPL				Annual Event
MW-18	12/21/2016	LNAPL				Sampled Annually
MW-18	03/09/2017	LNAPL				Sampled Annually
MW-18	06/21/2017	LNAPL				Sampled Annually
MW-18	09/26/2017	LNAPL				Annual Event
MW-18	12/20/2017	NS	NS	NS	NS	Sampled Annually
MW-18	03/13/2018	NS	NS	NS	NS	Sampled Annually
MW-18	06/26/2018	NS	NS	NS	NS	Sampled Annually
MW-18	09/11/2018	0.0110	<0.0010	0.000602 J	<0.0030	Annual Event
MW-18	09/25/2019	0.0217	<0.0010	<0.0010	<0.0030	Annual Event
MW-18	09/23/2020	0.0196	<0.00100	<0.00100	<0.00300	Annual Event
MW-18	12/15/2020	Sampled Annually During Third Quarter				
MW-18	03/23/2021	Sampled Annually During Third Quarter				
MW-18	06/29/2021	Sampled Annually During Third Quarter				
MW-18	09/21/2021	0.00294	<0.00100	<0.00100	<0.00300	Annual Event
MW-18	12/14/2021	Sampled Annually During Third Quarter				
MW-18	03/22/2022	Sampled Annually During Third Quarter				
MW-18	06/21/2022	Sampled Annually During Third Quarter				
MW-18	09/15/2022	0.0159	<0.00100	0.00341	0.000181 J	Annual Event
MW-18	12/05/2022	Sampled Annually During Third Quarter				
MW-18	03/15/2023	Sampled Annually During Third Quarter				
MW-18	06/20/2023	Sampled Annually During Third Quarter				
MW-18	09/19/2023	0.0989	<0.00100	0.00613	0.0147	
MW-18	12/05/2023	Sampled Annually During Third Quarter				
MW-18	03/14/2024	Sampled Annually During Third Quarter				
MW-18	06/11/2024	Sampled Annually During Third Quarter				
MW-18	09/17/2024	0.000257 J	<0.00100	<0.00100	<0.00300	
MW-19	03/23/2005	0.0019	<0.002	<0.002	<0.006	
MW-19	06/08/2005	0.0012	0.072	<0.002	<0.006	
MW-19	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-19	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-19	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-19	06/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-19	12/20/2006	0.0007	<0.002	<0.002	<0.006	
MW-19	03/29/2007	0.00075	<0.002	<0.002	<0.006	
MW-19	06/27/2007	0.00071	<0.002	<0.002	<0.006	
MW-19	09/06/2007	0.00053	<0.002	<0.002	<0.006	
MW-19	11/28/2007	0.00054	<0.002	<0.002	<0.006	
MW-19	03/06/2008	0.00054	<0.002	<0.002	<0.006	
MW-19	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-19	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	03/09/2010	0.0009	<0.002	<1.0	-	
MW-19	06/14/2010	0.00051	<0.002	<0.30	-	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-19	09/14/2010	0.00036	<0.002	<0.002	-	
MW-19	12/07/2010	<0.001	<0.002	0.00068	-	
MW-19	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-19	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-19	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-19	09/23/2014	<0.001	<0.001	<0.001	<0.001	
MW-19	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-19	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-19	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-19	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-19	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/05/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	06/17/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	12/14/2021	<0.00100	<0.00100	0.000207 J	<0.00300	
MW-19	03/22/2022	<0.00100	<0.00100	0.000372 J	<0.00300	
MW-19	06/21/2022	<0.00100	<0.00100	0.000173 J	<0.00300	
MW-19	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	12/06/2022	0.00145	<0.00100	<0.00100	<0.00300	
MW-19	03/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	06/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	09/19/2023	0.000101 J	<0.00100	<0.00100	<0.00300	
MW-19	12/05/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19	03/14/2024	<0.00100	<0.00100	0.000351 J	<0.00300	
MW-19	06/11/2024	<0.00100	<0.00100	0.00033 J	<0.00300	
MW-19	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19S	09/27/2006	<0.23	<0.54	<0.48	<1.1	
MW-19S		Well Removed From Sampling Plan				
MW-19S		Well Removed From Sampling Plan				

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-19D	03/23/2005	0.00073	<0.002	<0.002	<0.006	
MW-19D	06/08/2005	0.0011	0.0012	<0.002	<0.006	
MW-19D	09/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-19D	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-19D	03/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-19D	06/21/2006	0.0011	<0.002	<0.002	<0.006	
MW-19D	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-19D	12/20/2006	0.0018	<0.002	0.00074	<0.006	
MW-19D	03/29/2007	0.0007	<0.002	<0.002	<0.006	
MW-19D	06/27/2007	0.00074	<0.002	<0.002	<0.006	
MW-19D	09/06/2007	0.00072	<0.002	<0.002	<0.006	
MW-19D	11/28/2007	0.00093	<0.002	<0.002	<0.006	
MW-19D	03/06/2008	0.001	<0.002	<0.002	<0.006	
MW-19D	12/02/2008	0.0016	<0.002	<0.002	<0.006	
MW-19D	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-19D	05/26/2009	0.00074	<0.002	<0.002	<0.006	
MW-19D	09/21/2009	0.0011	<0.002	<0.002	<0.006	
MW-19D	12/20/2009	0.0009	<0.002	<0.002	<0.006	
MW-19D	03/09/2010	0.0009	<0.002	<0.002	-	
MW-19D	06/14/2010	0.00037	<0.002	<0.002	-	
MW-19D	09/14/2010	0.00086	<0.002	<0.002	-	
MW-19D	12/07/2010	0.00085	<0.002	<0.002	-	
MW-19D	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19D	06/21/2011	.0006 J	<0.002	<0.002	<0.004	
MW-19D	09/15/2011	0.0014	<0.002	<0.002	<0.004	
MW-19D	12/06/2011	0.0015	<0.002	<0.002	<0.004	
MW-19D	03/09/2012	0.0015	<0.002	<0.002	<0.004	Duplicate-2 sample collected
MW-19D	06/06/2012	0.00079	<0.002	<0.002	<0.003	
MW-19D	09/06/2012	0.00072	<0.002	<0.002	<0.003	Duplicate-2 sample collected
MW-19D	12/05/2012	0.003	<0.002	0.00069	<0.003	
MW-19D	02/19/2013	0.0086	<0.002	0.0045	<0.003	Duplicate B sample collected
MW-19D	06/03/2013	0.00073	<0.002	0.0064	<0.003	
MW-19D	09/10/2013	0.00054	<0.002	0.00087	<0.003	Duplicate B sample collected
MW-19D	12/02/2013	0.00057	<0.002	<0.002	<0.003	
MW-19D	02/27/2014	0.00059 J	<0.002	<0.002	<0.003	
MW-19D	06/03/2014	0.0022	<0.002	<0.002	<0.003	
MW-19D	09/23/2014	0.0076	<0.001	0.0022	<0.001	
MW-19D	12/03/2014	0.0054	<0.001	0.0042	<0.003	
MW-19D	02/25/2015	<0.001	<0.001	0.0031	<0.003	
MW-19D	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-19D	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-19D	12/16/2015	0.0065	<0.001	<0.001	<0.003	
MW-19D	03/23/2016	0.013	<0.0010	0.0057	<0.0030	
MW-19D	06/23/2016	0.048	<0.0010	0.0096	<0.0030	
MW-19D	09/29/2016	0.046	<0.0050	0.016	<0.015	
MW-19D	12/21/2016	0.11	<0.0010	0.0036	<0.0010	
MW-19D	03/09/2017	0.09	<0.0010	0.0036	<0.0010	
MW-19D	06/21/2017	0.19	<0.0010	0.024	0.0013	
MW-19D	09/26/2017	0.23	<0.0010	0.0619	<0.0030	
MW-19D	12/20/2017	0.309	<0.0050	0.0981	<0.0150	
MW-19D	03/13/2018	0.445	<0.0050	0.0712	<0.0150	
MW-19D	06/27/2018	0.318	<0.0050	0.0623	<0.0150	
MW-19D	09/11/2018	0.299	<0.0050	0.0582	<0.0150	
MW-19D	12/27/2018	0.167	<0.0010	0.0436	<0.0030	
MW-19D	03/15/2019	0.0788	<0.0010	0.0254	<0.0030	
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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-19D	06/17/2020	0.00318	<0.0010	0.00169	0.000256 J	
MW-19D	09/23/2020	0.302	<0.00100	0.0441	0.000924 J	Duplicate B sample collected
MW-19D (Duplicate)	09/23/2020	0.282	<0.00100	0.0442	0.000849 J	
MW-19D	12/15/2020	0.316	<0.00100	0.0466	0.000605 J	
MW-19D	03/23/2021	0.539	<0.0100	0.112	0.00237 J	
MW-19D (Duplicate)	03/23/2021	0.542	<0.0100	0.112	<0.0300	Duplicate B sample collected
MW-19D	06/30/2021	0.514	<0.0100	0.123	0.00237 J	
MW-19D (Duplicate)	06/30/2021	0.609	<0.0100	0.0970 J	<0.0300	Duplicate B sample collected
MW-19D	09/21/2021	0.673	<0.00500	0.133	0.00221 J	Duplicate B sample collected
MW-19D (Duplicate)	09/21/2021	0.673	<0.00500	0.151	0.00251 J	
MW-19D	12/14/2021	0.545	<0.0250	0.140	<0.0750	Duplicate A sample collected
MW-19D (Duplicate)	12/14/2021	0.442	<0.001	0.143	0.00474	
MW-19D	03/22/2022	0.386	<0.0250	0.0964	0.00676 J	Duplicate B sample collected
MW-19D (Duplicate)	03/22/2022	0.455	0.000282 J	0.125	0.00904	
MW-19D	06/21/2022	0.201	<0.0250	0.0513	<0.0750	Duplicate B sample collected
MW-19D (Duplicate)	06/21/2022	0.222	<0.00100	0.0593	0.00167 J	
MW-19D	09/15/2022	0.0808	<0.00100	0.0314	0.0036	Duplicate B sample collected
MW-19D (Duplicate)	09/15/2022	0.0952	<0.00100	0.0429	0.00443	
MW-19D	12/06/2022	0.0761	<0.00100	0.0242	0.00380	Duplicate B Sample Collected
MW-19D Duplicate B)	12/06/2022	0.0779	<0.00100	0.0255	0.00399	
MW-19D	09/15/2022	0.0405	<0.00100	<0.00100	<0.00300	
MW-19D	06/20/2023	0.0668	<0.00100	0.0315	0.00109 J	Duplicate 1 Sample Collected
MW-19D (Duplicate 1)	06/20/2023	0.0875	<0.00100	0.0281	0.000744 J	
MW-19D	09/19/2023	<0.00100	<0.00100	0.00248	0.000208 J	Duplicate 1 Sample Collected
MW-19D (Duplicate 1)	09/19/2023	<0.00100	<0.00100	0.00306	0.000199 J	
MW-19D	12/05/2023	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate 1 Sample Collected
MW-19D (Duplicate 1)	12/05/2023	<0.00100	<0.00100	0.000247 J	<0.00300	
MW-19D	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate 1 Sample Collected
MW-19D (Duplicate 1)	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19D	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate 1 Sample Collected
MW-19D (Duplicate 1)	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-19D	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-20	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-20	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-20	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-20	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-20	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-20	09/23/2014	<0.001	<0.001	<0.001	<0.001	
MW-20	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-20	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/29/2016	0.0013	<0.0010	<0.0010	<0.0030	
MW-20	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	06/18/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	09/23/2020	0.000116 J	<0.00100	<0.00100	<0.00300	
MW-20	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	09/20/2021	0.0000970 J	<0.00100	<0.00100	<0.00300	
MW-20	12/14/2021	0.000229 J	<0.00100	<0.00100	<0.00300	
MW-20	03/22/2022	0.000212 J	<0.00100	<0.00100	<0.00300	
MW-20	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	09/14/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	12/06/2022	0.000108 J	<0.00100	<0.00100	<0.00300	
MW-20	03/15/2023	0.000119 J	<0.00100	<0.00100	<0.00300	
MW-20	06/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	09/19/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	12/05/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-20	09/17/2024	NS - Inufficient Volume				
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	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-21	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-21	11/28/2007	<0.00023	<0.002	<0.002	<0.006	
MW-21	03/06/2008	<0.002	<0.002	<0.002	<0.006	
MW-21	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-21	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	03/09/2010	<0.001	<0.002	<0.002	-	
MW-21	06/14/2010	<0.001	<0.002	<0.002	-	
MW-21	09/14/2010	<0.001	<0.002	<0.002	-	
MW-21	12/07/2010	<0.001	<0.002	<0.002	-	
MW-21	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-21	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-21	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-21	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-21	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-21	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-21	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-21	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-21	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-21	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-21	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-21	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-21	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-21	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-21	09/26/2017	<0.0010	<0.0010	0.00101	0.00743	
MW-21	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	06/17/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	03/23/2021	<0.00100	<0.00100	<0.00100	0.000230 J	
MW-21	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	12/06/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	03/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	

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BTEX CONCENTRATIONS IN GROUNDWATER
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LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-21	06/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	09/19/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	12/05/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-21	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	03/23/2005	0.0013	<0.002	<0.001	<0.006	
MW-22	06/08/2005	<0.001	0.0025	0.0073	<0.006	
MW-22	09/14/2005	0.0066	<0.002	<0.002	<0.006	
MW-22	12/13/2005	0.0059	<0.002	<0.002	<0.006	
MW-22	03/28/2006	0.006	<0.002	<0.002	<0.006	
MW-22	06/21/2006	0.0034	<0.002	<0.002	<0.006	
MW-22	09/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-22	12/20/2006	0.00089	<0.002	<0.002	<0.006	
MW-22	03/29/2007	0.00067	<0.002	<0.002	<0.006	
MW-22	06/27/2007	0.00076	<0.002	<0.002	<0.006	
MW-22	09/06/2007	<0.002	<0.002	<0.002	<0.006	
MW-22	11/28/2007	0.001	<0.002	<0.002	<0.006	
MW-22	03/06/2008	0.0015	<0.002	<0.002	<0.006	
MW-22	12/02/2008	0.0064	<0.002	<0.002	<0.006	
MW-22	03/09/2009	0.0048	<0.002	<0.002	<0.006	
MW-22	05/26/2009	0.0046	<0.002	<0.002	<0.006	
MW-22	09/21/2009	0.0026	<0.002	<0.002	<0.006	
MW-22	12/20/2009	0.0028	<0.002	<0.002	<0.006	
MW-22	03/29/2011	0.0034	<0.002	<0.002	0.0022	
MW-22	06/21/2011	0.0041	<0.002	.0005 J	<0.004	
MW-22	09/15/2011	0.0037	<0.002	<0.002	<0.004	
MW-22	12/06/2011	0.0028	<0.002	<0.002	<0.004	
MW-22	03/09/2012	0.0034	<0.002	0.00046	<0.004	
MW-22	06/06/2012	0.0031	<0.002	0.00045	<0.003	
MW-22	09/06/2012	0.0021	<0.002	<0.002	<0.003	
MW-22	12/05/2012	0.0033	<0.002	0.00055	0.0031	
MW-22	02/19/2013	0.0046	<0.002	0.0011	0.0043	
MW-22	06/03/2013	0.0054	<0.002	0.001	0.0046	
MW-22	09/10/2013	0.0097	<0.002	0.0029	0.0058	
MW-22	12/02/2013	0.0087	<0.002	0.00084	0.0054	
MW-22	02/27/2014	0.0122	<0.002	0.00088 J	0.0061	
MW-22	06/03/2014	0.0245	<0.002	0.0010 J	0.0055	
MW-22	09/23/2014	0.0626	<0.001	0.0019	0.0092	Duplicate B Sample Collected
MW-22 (Duplicate)	09/23/2014	0.062	<0.001	0.0029	0.0086	
MW-22	12/03/2014	0.0764	<0.001	0.0015	0.0089	
MW-22	02/25/2015	0.092	<0.001	<0.001	0.0084	
MW-22	06/03/2015	0.11	<0.001	<0.001	0.0067	
MW-22	09/01/2015	0.13	<0.001	<0.001	0.0063	
MW-22	12/17/2015	0.13	<0.001	0.0015	0.0063	
MW-22	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/29/2016	0.0015	<0.0010	<0.0010	<0.0030	
MW-22	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-22	03/09/2017	0.25	<0.0010	0.01	0.0048	
MW-22	06/21/2017	0.14	<0.0010	0.0064	0.0038	
MW-22	09/26/2017	<0.0050	<0.0050	<0.0050	<0.0150	
MW-22	12/20/2017	0.000987 J	<0.0010	<0.0010	<0.0030	
MW-22	03/13/2018	0.109	<0.0010	0.013	0.00168 J	
MW-22	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/11/2018	<0.0010	<0.0010	0.000433 J	<0.0030	
MW-22	12/27/2018	0.0248	<0.0010	0.00642	<0.0030	
MW-22	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	06/05/2019	0.0228	<0.0010	0.00968	0.00125 J	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-22	09/25/2019	0.00971	<0.0010	0.0875	0.00678	
MW-22	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	06/17/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-22	12/15/2020	Not Sampled - Insufficient Volume				
MW-22	03/23/2021	Not Sampled - Insufficient Volume				
MW-22	06/30/2021	0.000515 J	<0.00100	0.00180	0.00164 J	
MW-22	09/20/2021	Not Sampled - Insufficient Volume				
MW-22	12/13/2021	Not Sampled - Insufficient Volume				
MW-22	03/22/2022	Not Sampled - Insufficient Volume				
MW-22	06/21/2022	Not Sampled - Insufficient Volume				
MW-22	09/15/2022	Not Sampled - Insufficient Volume				
MW-22	12/06/2022	0.00130	<0.00100	<0.00100	<0.00300	
MW-22	03/15/2023	NS - Insufficient Volume				
MW-22	06/20/2023	NS - Insufficient Volume				
MW-22	09/19/2023	NS - Insufficient Volume				
MW-22	12/05/2023	NS - Insufficient Volume				
MW-22	03/14/2024	NS - Insufficient Volume				
MW-22	06/11/2024	NS - Insufficient Volume				
MW-22	09/17/2024	NS - Insufficient Volume				
MW-23	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-23	03/09/2009	0.00049	<0.002	<0.002	<0.006	
MW-23	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	03/09/2010	<0.001	<0.002	<0.002	-	
MW-23	06/14/2010	<0.001	<0.002	<0.002	-	
MW-23	09/14/2010	<0.001	<0.002	<0.002	-	
MW-23	12/07/2010	<0.001	<0.002	<0.002	-	
MW-23	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-23	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-23	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-23	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-23	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-23	12/03/2014	0.0016	<0.001	0.00086 J	<0.003	
MW-23	02/25/2015	0.0084	<0.005	<0.005	<0.015	
MW-23	06/03/2015	0.0011	<0.001	<0.001	<0.003	
MW-23	09/01/2015	0.0015	<0.001	<0.001	<0.003	
MW-23	12/16/2015	0.0015	<0.001	<0.001	<0.003	
MW-23	03/23/2016	0.0014	<0.0010	0.0054	<0.0030	
MW-23	06/23/2016	0.013	<0.0010	0.012	0.0062	
MW-23	09/29/2016	0.039	<0.0050	0.02	<0.015	
MW-23	12/21/2016	0.0011	<0.0010	0.0015	0.0014	
MW-23	03/09/2017	<0.0010	<0.0010	0.0015	0.001	
MW-23	06/21/2017	0.0063	<0.0010	0.015	0.0082	
MW-23	09/26/2017	0.005	<0.0010	0.0111	0.00587	
MW-23	12/20/2017	0.00164	<0.0010	0.00827	0.00275 J	
MW-23	03/13/2018	0.00348	<0.0010	0.0097	0.0024 J	
MW-23	06/27/2018	0.00644	<0.0010	0.0125	0.00198 J	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-23	09/11/2018	0.00447	<0.0010	0.00597	0.00131 J	
MW-23	12/27/2018	0.0352	0.00414J	0.0287	0.00282J	
MW-23	03/15/2019	0.0223	<0.0010	0.0109	<0.0030	
MW-23	06/06/2019	0.00502	<0.0010	0.0062	<0.0030	
MW-23	09/25/2019	0.00233	<0.0010	0.00378	<0.0030	
MW-23	12/16/2019	0.00164	<0.0010	0.00289	<0.0030	
MW-23	06/16/2020	0.00889	<0.0010	0.00513	0.00218 J	
MW-23	09/23/2020	0.0352	0.000416 J	0.0234	0.00535	
MW-23	12/15/2020	0.0487	0.000309 J	0.0201	0.00652	
MW-23	03/23/2021	0.0185	<0.00100	0.0205	0.00294 J	
MW-23	06/29/2021	0.0490	0.000303 J	0.0248	0.00631	
MW-23	09/21/2021	0.0947	0.000403 J	0.0383	0.0109	
MW-23	12/14/2021	0.0256	<0.00100	0.0114	0.00340	
MW-23	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-23	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-23	09/15/2022	0.00248	<0.00100	0.000577 J	0.000192 J	
MW-23	12/06/2022	0.00723	<0.00100	0.00103	0.00214 J	
MW-23	03/15/2023	0.0593	<0.00100	0.0186	0.00791	
MW-23	06/20/2023	0.00279	<0.00100	0.00163	0.00260 J	
MW-23	09/19/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-23	12/05/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-23	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-23	06/11/2024	0.000149 J	<0.00100	<0.00100	<0.00300	
MW-23	09/17/2024	0.00922	<0.00100	0.00903	0.00103 J	
MW-24	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-24	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	03/09/2010	<0.001	<0.002	<0.002	-	
MW-24	06/14/2010	<0.001	<0.002	<0.002	-	
MW-24	09/14/2010	<0.001	<0.002	<0.002	-	
MW-24	12/07/2010	<0.001	<0.002	<0.002	-	
MW-24	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-24	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-24	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-24	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-24	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-24	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-24	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-24	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-24	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-24	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
MW-24	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-24	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-24	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-24	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/27/2018	0.000463 J	<0.0010	<0.0010	<0.0030	
MW-24	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	12/06/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	03/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	06/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	09/19/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	12/05/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-24	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-25	12/02/2008	<0.002	<0.002	<0.002	<0.006	
MW-25	03/09/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	05/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	09/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	03/09/2010	<0.001	<0.002	<0.002	-	
MW-25	06/14/2010	<0.001	<0.002	<0.002	-	
MW-25	09/14/2010	<0.001	<0.002	<0.002	-	
MW-25	12/07/2010	<0.001	<0.002	<0.002	-	
MW-25	03/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-25	06/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-25	09/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-25	12/06/2011	<0.001	<0.002	<0.002	<0.004	
MW-25	03/09/2012	<0.001	<0.002	<0.002	<0.004	
MW-25	06/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	09/06/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	12/05/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	02/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	06/03/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	09/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	12/02/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	02/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-25	06/03/2014	<0.001	<0.002	<0.002	<0.003	
MW-25	09/22/2014	<0.001	<0.001	<0.001	<0.001	
MW-25	12/03/2014	<0.001	<0.001	<0.001	<0.003	
MW-25	02/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	06/03/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	09/01/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	12/16/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments	
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62		
MW-25	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010		
MW-25	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010		
MW-25	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010		
MW-25	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030		
MW-25	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030		
MW-25	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030		
MW-25	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030		
MW-25	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030		
MW-25	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030		
MW-25	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030		
MW-25	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030		
MW-25	09/24/2019	<0.0010	<0.0010	<0.0010	<0.0030		
MW-25	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030		
MW-25	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030		
MW-25	09/23/2020	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	12/15/2020	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	09/21/2021	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	03/22/2022	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	12/06/2022	0.000132 J	<0.00100	0.000271 J	0.000675 J		
MW-25	03/15/2023	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	06/20/2023	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	09/19/2023	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	12/05/2023	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300		
MW-25	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300		
MW-26	12/16/2019	0.00845	<0.0010	0.00135	0.00126 J		
MW-26	06/17/2020	0.0313	<0.0010	0.00873	0.00904		
MW-26	09/23/2020	NS	NS	NS	NS		
MW-26	12/15/2020	0.0776	<0.00100	0.0148	0.0214		
MW-26	03/23/2021	0.186	<0.00500	0.039	0.0527		
MW-26	06/29/2021	0.225	<0.00500	0.0367	0.0458		
MW-26	09/20/2021	NS	NS	NS	NS		
MW-26	12/14/2021	0.141	<0.00100	0.0284	0.0324		
MW-26	03/22/2022	0.173	<0.00100	0.0540	0.0665		
MW-26	06/21/2022	0.194	<0.00100	0.0601	0.0577		
MW-26	09/15/2022	NS	NS	NS	NS		
MW-26	12/06/2022	0.0660	<0.00500	0.0211	0.00630 J		
MW-26	03/15/2023	NS - ???				Not Sampled	
MW-26	06/20/2023	0.0371	<0.00100	0.0106	0.00176 J		
MW-26	09/19/2023	0.131	<0.00100	0.0383	0.0146	Duplicate 2 Sample Collected	
MW-26 (Duplicate 2)	09/19/2023	0.0904	<0.00100	0.0274	0.00764		
MW-26	12/05/2023	0.000215 J	<0.00100	0.00166	0.00412		
MW-26	03/14/2024	0.274	<0.00100	0.0666	0.0688		
MW-26	06/11/2024	0.010	<0.00100	0.00417	0.00698		
MW-26	09/17/2024	0.120	0.000538 J	0.0675	0.102	Collect Duplicate 2	
MW-26 (Duplicate 2)	09/17/2024	0.105	0.000472 J	0.062	0.0932		
MW-27	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030		
MW-27	09/25/2019	<0.0010	<0.0010	<0.0010	<0.0030		
MW-27	12/16/2019	<0.0010	<0.0010	<0.0010	<0.0030		
MW-27	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030		
MW-27	09/23/2020	0.0000997 J	<0.00100	<0.00100	<0.00300		
MW-27	12/15/2020	0.000109 J	<0.00100	<0.00100	<0.00300		
MW-27	03/23/2021	<0.00100	<0.00100	<0.00100	<0.00300		
MW-27	06/29/2021	<0.00100	<0.00100	<0.00100	<0.00300		

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Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-27	09/20/2021	0.0000970 J	<0.00100	<0.00100	<0.00300	
MW-27	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	03/22/2022	0.000137 J	<0.00100	<0.00100	<0.00300	
MW-27	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	12/06/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	03/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	06/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	09/19/2023	0.000165 J	<0.00100	<0.00100	<0.00300	
MW-27	12/05/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-27	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-28	06/06/2019	0.0022	<0.0010	0.000416 J	<0.0030	
MW-28	09/25/2019	0.00298	<0.0010	0.000902 J	<0.0030	
MW-28	12/16/2019	0.00263	<0.0010	0.000819 J	<0.0030	
MW-28	06/16/2020	0.003	<0.0010	0.00185	0.00261 J	
MW-28	09/23/2020	0.00444	<0.00100	0.00115	0.000675 J	
MW-28	12/15/2020	0.00428	<0.00100	0.000946 J	0.000429 J	
MW-28	03/23/2021	0.00484	<0.00100	0.00194	0.000607 J	
MW-28	06/29/2021	0.00409	<0.00100	0.00186	0.000344 J	
MW-28	09/20/2021	0.00412	<0.00100	0.00189	0.000549 J	
MW-28	12/14/2021	0.00441	<0.00100	0.00269	0.000631 J	
MW-28	03/22/2022	0.00315	<0.00100	0.00217	0.000527 J	
MW-28	06/21/2022	0.00324	<0.00100	0.00170	0.000388 J	
MW-28	09/15/2022	0.00342	<0.00100	0.00102	0.000359 J	
MW-28	03/15/2023	0.000850 J	<0.00100	<0.00100	<0.00300	
MW-28	06/20/2023	0.000171 J	<0.00100	<0.00100	<0.00300	
MW-28	09/19/2023	0.000236 J	<0.00100	<0.00100	<0.00300	
MW-28	12/05/2023	0.000519 J	<0.00100	<0.00100	<0.00300	
MW-28	03/14/2024	0.000745 J	<0.00100	<0.00100	<0.00300	
MW-28	06/11/2024	0.00145	<0.00100	<0.00100	<0.00300	
MW-28	09/17/2024	0.00252	<0.00100	0.000157 J	<0.00300	
MW-29	06/06/2019	0.00902	<0.0010	0.000403 J	<0.0030	
MW-29	09/25/2019	0.0253	<0.0010	<0.0010	<0.0030	
MW-29	12/16/2019	0.0507	<0.0010	0.00180	<0.0030	
MW-29	06/18/2020	0.00168	<0.0010	<0.0010	<0.0030	
MW-29	09/23/2020	0.103	<0.00100	0.00732	0.00514	
MW-29	12/15/2020	0.144	<0.00100	0.00193	0.00264 J	
MW-29	03/23/2021	0.282	0.000392 J	0.0193	0.0233	
MW-29	06/29/2021	0.0735	0.000392 J	0.00176	0.00250 J	
MW-29	09/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	
MW-29	12/14/2021	0.000123 J	<0.00100	<0.00100	<0.00300	
MW-29	03/22/2022	0.000161 J	<0.00100	<0.00100	<0.00300	
MW-29	06/21/2022	0.000424 J	<0.00100	<0.00100	0.000194 J	
MW-29	09/14/2022	0.000707 J	<0.00100	<0.00100	<0.00300	
MW-29	12/06/2022	0.00301	<0.00100	0.000531 J	0.000366 J	
MW-29	03/15/2023	0.00154	<0.00100	<0.00100	<0.00300	
MW-29	06/20/2023	0.00379	<0.00100	<0.00100	<0.00300	
MW-29	09/19/2023	0.00264	<0.00100	<0.00100	<0.00300	
MW-29	12/05/2023	0.00914	<0.00100	<0.00100	<0.00300	Duplicate 3 Sample Collected
MW-29 (Duplicate 3)	12/05/2023	0.00663	<0.00100	<0.00100	<0.00300	
MW-29	03/14/2024	0.00525	<0.00100	<0.00100	<0.00300	
MW-29	06/11/2024	0.00284	<0.00100	0.000431 J	<0.00300	
MW-29	09/17/2024	0.0167	<0.00100	0.000557 J	<0.00300	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
MW-30	12/06/2022	0.00317	<0.00100	0.000583 J	<0.00300	
MW-30	03/15/2023	0.0596	<0.00100	0.00773	0.000271 J	
MW-30	06/20/2023	0.000222 J	<0.00100	<0.00100	<0.00300	
MW-30	09/19/2023	0.0136	<0.00100	0.00478	0.000627 J	
MW-30	12/05/2023	0.0234	<0.00100	0.00309	0.000597 J	
MW-30	03/14/2024	0.0095	<0.00100	0.00536	0.000299 J	
MW-30	06/11/2024	0.0087	<0.00100	0.00392	0.000227 J	
MW-30	09/17/2024	0.0473	<0.00100	0.00623	0.000434 J	
MW-31	12/05/2023	0.000718 J	<0.00100	0.000224 J	<0.00300	Duplicate 2 Sample Collected
MW-31 (Duplicate 2)	12/05/2023	0.000679 J	<0.00100	<0.00100	<0.00300	
MW-31	03/14/2024	0.000922 J	<0.00100	<0.00100	<0.00300	Duplicate 2 Sample Collected
MW-31 (Duplicate 2)	03/14/2024	0.000901 J	<0.00100	<0.00100	<0.00300	
MW-31	06/11/2024	0.000956 J	<0.00100	<0.00100	<0.00300	Duplicate 2 Sample Collected
MW-31 (Duplicate 2)	06/11/2024	0.000824 J	<0.00100	<0.00100	<0.00300	
MW-31	09/17/2024	0.000858 J	<0.00100	<0.00100	<0.00300	Duplicate 1 Sample Collected
MW-31 (Duplicate 1)	09/17/2024	0.0758	<0.00100	<0.00100	0.000609 J	
MW-32	12/05/2023	0.107	<0.00100	0.00376 J	0.0075 J	
MW-32	03/14/2024	<0.00500	<0.00500	<0.00500	<0.015	
MW-32	06/11/2024	0.000195 J	<0.00100	<0.00100	<0.00300	
MW-32	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	06/03/2014	<0.001	<0.002	<0.002	<0.003	
Trip Blank	09/22/2014	<0.001	<0.001	<0.001	<0.001	
Trip Blank	12/03/2014	<0.001	<0.001	<0.001	<0.003	
Trip Blank	02/25/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	06/03/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	09/01/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	12/16/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	03/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	09/29/2016	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	12/21/2016	<0.0010	<0.0010	<0.0010	<0.0010	
Trip Blank	03/09/2017	<0.0010	<0.0010	<0.0010	<0.0010	
Trip Blank	06/21/2017	<0.0010	<0.0010	<0.0010	<0.0010	
Trip Blank	09/26/2017	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	12/20/2017	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	09/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	12/27/2018	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	03/15/2019	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/06/2019	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	09/25/2019	NM	NM	NM	NM	
Trip Blank	12/17/2019	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/16/2020	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	09/22/2020	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	12/15/2020	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	03/23/2021	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	06/30/2021	0.00203	<0.0010	<0.0010	<0.0030	
Trip Blank	09/21/2021	0.000228 J	<0.00100	<0.00100	<0.00300	
Trip Blank	12/14/2021	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	06/21/2022	<0.00100	<0.00100	<0.00100	<0.00300	

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

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.75	0.62	
Trip Blank	09/15/2022	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	12/06/2022	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	03/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	06/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	09/19/2023	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	12/05/2023	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	03/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	06/11/2024	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	09/17/2024	<0.00100	<0.00100	<0.00100	<0.00300	

Notes:

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

NMWQCC = New Mexico Water Quality Control Commission

LNAPL = Light Non-Aqueous Phase Liquid

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

NS = Not Sampled

NM - Not Measured

mg/L = milligrams per liter

Appendix C

Laboratory Analytical Reports

- Pace Analytical Report #: L1716391
- Pace Analytical Report #: L1746072
- Pace Analytical Report #: L1779198



ANALYTICAL REPORT

March 25, 2024

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

DCP Midstream - Tasman

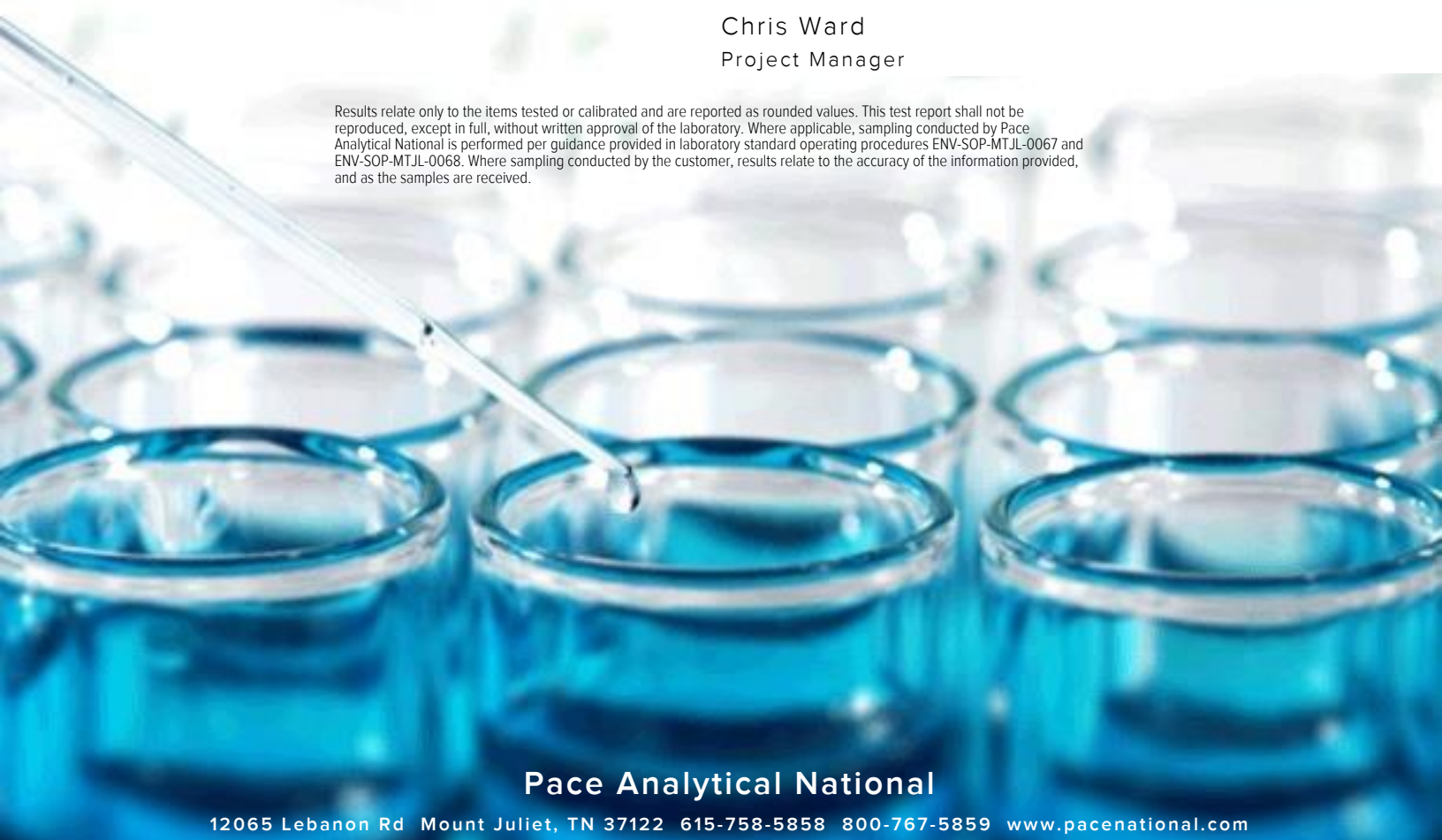
Sample Delivery Group: L1716391
 Samples Received: 03/18/2024
 Project Number: 400128005
 Description: Former Hobbs Booster Station

Report To: Brett Dennis
 2620 W. Marland Blvd
 Hobbs, NM 88240

Entire Report Reviewed By:

Chris Ward
Project Manager

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



Pace Analytical National

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

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Tc: Table of Contents 2

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Cn: Case Narrative 6

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 MW-16 L1716391-05 11

 MW-19 L1716391-06 12

 MW-19D L1716391-07 13

 MW-20 L1716391-08 14

 MW-21 L1716391-09 15

 MW-23 L1716391-10 16

 MW-24 L1716391-11 17

 MW-25 L1716391-12 18

 MW-27 L1716391-13 19

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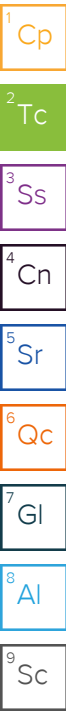
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MW-5R L1716391-01 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 16:35
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 14:15	03/20/24 14:15	WHS	Mt. Juliet, TN



MW-7R L1716391-02 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 09:02
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 14:34	03/20/24 14:34	WHS	Mt. Juliet, TN



MW-14 L1716391-03 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 14:16
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 14:53	03/20/24 14:53	WHS	Mt. Juliet, TN



MW-15 L1716391-04 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 10:00
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 15:11	03/20/24 15:11	WHS	Mt. Juliet, TN



MW-16 L1716391-05 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 10:20
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 15:30	03/20/24 15:30	WHS	Mt. Juliet, TN

MW-19 L1716391-06 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 12:25
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 15:48	03/20/24 15:48	WHS	Mt. Juliet, TN

MW-19D L1716391-07 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 12:48
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 16:07	03/20/24 16:07	WHS	Mt. Juliet, TN

MW-20 L1716391-08 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 11:05
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 16:26	03/20/24 16:26	WHS	Mt. Juliet, TN

MW-21 L1716391-09 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 10:46
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 16:44	03/20/24 16:44	WHS	Mt. Juliet, TN

1 Cp

2 Tc

MW-23 L1716391-10 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 12:11
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 17:03	03/20/24 17:03	WHS	Mt. Juliet, TN

3 Ss

4 Cn

MW-24 L1716391-11 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 09:41
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 17:22	03/20/24 17:22	WHS	Mt. Juliet, TN

5 Sr

6 Qc

MW-25 L1716391-12 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 09:26
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 17:40	03/20/24 17:40	WHS	Mt. Juliet, TN

7 Gl

8 Al

MW-27 L1716391-13 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 11:19
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 17:59	03/20/24 17:59	WHS	Mt. Juliet, TN

9 Sc

MW-28 L1716391-14 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 13:25
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 18:18	03/20/24 18:18	WHS	Mt. Juliet, TN

MW-29 L1716391-15 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 13:08
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2250344	1	03/20/24 18:36	03/20/24 18:36	WHS	Mt. Juliet, TN

MW-30 L1716391-16 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 14:44
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251515	1	03/22/24 01:33	03/22/24 01:33	JCP	Mt. Juliet, TN

MW-31 L1716391-17 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 13:50
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251515	1	03/22/24 01:56	03/22/24 01:56	JCP	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

MW-32 L1716391-18 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 15:03
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251515	5	03/22/24 04:35	03/22/24 04:35	JCP	Mt. Juliet, TN

4 Cn

5 Sr

MW-26 L1716391-19 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 15:36
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251515	1	03/22/24 02:18	03/22/24 02:18	JCP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252022	10	03/22/24 17:06	03/22/24 17:06	JCP	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

DUPLICATE 1 L1716391-20 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 00:00
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251515	1	03/22/24 02:41	03/22/24 02:41	JCP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252022	1	03/22/24 16:23	03/22/24 16:23	JCP	Mt. Juliet, TN

9 Sc

DUPLICATE 2 L1716391-21 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 00:00
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251515	1	03/22/24 03:04	03/22/24 03:04	JCP	Mt. Juliet, TN

TRIP BLANK L1716391-22 GW

Collected by Kendon Stark
 Collected date/time 03/14/24 00:00
 Received date/time 03/18/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251515	1	03/21/24 20:16	03/21/24 20:16	JHH	Mt. Juliet, TN

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



Chris Ward
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

<u>Lab Sample ID</u>	<u>Project Sample ID</u>	<u>Method</u>
L1716391-21	DUPLICATE 2	8260B

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

Collected date/time: 03/14/24 16:35

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/20/2024 14:15	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 14:15	WG2250344
Ethylbenzene	U		0.000137	0.00100	1	03/20/2024 14:15	WG2250344
Total Xylenes	U		0.000174	0.00300	1	03/20/2024 14:15	WG2250344
(S) Toluene-d8	97.7			80.0-120		03/20/2024 14:15	WG2250344
(S) 4-Bromofluorobenzene	94.7			77.0-126		03/20/2024 14:15	WG2250344
(S) 1,2-Dichloroethane-d4	126			70.0-130		03/20/2024 14:15	WG2250344

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

Collected date/time: 03/14/24 09:02

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/20/2024 14:34	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 14:34	WG2250344
Ethylbenzene	U		0.000137	0.00100	1	03/20/2024 14:34	WG2250344
Total Xylenes	U		0.000174	0.00300	1	03/20/2024 14:34	WG2250344
(S) Toluene-d8	96.1			80.0-120		03/20/2024 14:34	WG2250344
(S) 4-Bromofluorobenzene	93.9			77.0-126		03/20/2024 14:34	WG2250344
(S) 1,2-Dichloroethane-d4	125			70.0-130		03/20/2024 14:34	WG2250344

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

Collected date/time: 03/14/24 14:16

L1716391

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0163		0.0000941	0.00100	1	03/20/2024 14:53	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 14:53	WG2250344
Ethylbenzene	0.000662	J	0.000137	0.00100	1	03/20/2024 14:53	WG2250344
Total Xylenes	0.000202	J	0.000174	0.00300	1	03/20/2024 14:53	WG2250344
(S) Toluene-d8	98.6			80.0-120		03/20/2024 14:53	WG2250344
(S) 4-Bromofluorobenzene	99.6			77.0-126		03/20/2024 14:53	WG2250344
(S) 1,2-Dichloroethane-d4	121			70.0-130		03/20/2024 14:53	WG2250344

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

Collected date/time: 03/14/24 10:00

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/20/2024 15:11	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 15:11	WG2250344
Ethylbenzene	U		0.000137	0.00100	1	03/20/2024 15:11	WG2250344
Total Xylenes	U		0.000174	0.00300	1	03/20/2024 15:11	WG2250344
(S) Toluene-d8	96.4			80.0-120		03/20/2024 15:11	WG2250344
(S) 4-Bromofluorobenzene	96.1			77.0-126		03/20/2024 15:11	WG2250344
(S) 1,2-Dichloroethane-d4	123			70.0-130		03/20/2024 15:11	WG2250344

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

Collected date/time: 03/14/24 10:20

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/20/2024 15:30	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 15:30	WG2250344
Ethylbenzene	U		0.000137	0.00100	1	03/20/2024 15:30	WG2250344
Total Xylenes	U		0.000174	0.00300	1	03/20/2024 15:30	WG2250344
(S) Toluene-d8	95.7			80.0-120		03/20/2024 15:30	WG2250344
(S) 4-Bromofluorobenzene	95.6			77.0-126		03/20/2024 15:30	WG2250344
(S) 1,2-Dichloroethane-d4	129			70.0-130		03/20/2024 15:30	WG2250344

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

Collected date/time: 03/14/24 12:25

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/20/2024 15:48	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 15:48	WG2250344
Ethylbenzene	0.000351	J	0.000137	0.00100	1	03/20/2024 15:48	WG2250344
Total Xylenes	U		0.000174	0.00300	1	03/20/2024 15:48	WG2250344
(S) Toluene-d8	96.8			80.0-120		03/20/2024 15:48	WG2250344
(S) 4-Bromofluorobenzene	98.3			77.0-126		03/20/2024 15:48	WG2250344
(S) 1,2-Dichloroethane-d4	131	J1		70.0-130		03/20/2024 15:48	WG2250344

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

Collected date/time: 03/14/24 12:48

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/20/2024 16:07	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 16:07	WG2250344
Ethylbenzene	U		0.000137	0.00100	1	03/20/2024 16:07	WG2250344
Total Xylenes	U		0.000174	0.00300	1	03/20/2024 16:07	WG2250344
(S) Toluene-d8	97.8			80.0-120		03/20/2024 16:07	WG2250344
(S) 4-Bromofluorobenzene	95.2			77.0-126		03/20/2024 16:07	WG2250344
(S) 1,2-Dichloroethane-d4	123			70.0-130		03/20/2024 16:07	WG2250344

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/14/24 11:05

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/20/2024 16:26	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 16:26	WG2250344
Ethylbenzene	U		0.000137	0.00100	1	03/20/2024 16:26	WG2250344
Total Xylenes	U		0.000174	0.00300	1	03/20/2024 16:26	WG2250344
(S) Toluene-d8	99.8			80.0-120		03/20/2024 16:26	WG2250344
(S) 4-Bromofluorobenzene	92.1			77.0-126		03/20/2024 16:26	WG2250344
(S) 1,2-Dichloroethane-d4	128			70.0-130		03/20/2024 16:26	WG2250344

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

Collected date/time: 03/14/24 10:46

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/20/2024 16:44	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 16:44	WG2250344
Ethylbenzene	U		0.000137	0.00100	1	03/20/2024 16:44	WG2250344
Total Xylenes	U		0.000174	0.00300	1	03/20/2024 16:44	WG2250344
(S) Toluene-d8	95.9			80.0-120		03/20/2024 16:44	WG2250344
(S) 4-Bromofluorobenzene	94.8			77.0-126		03/20/2024 16:44	WG2250344
(S) 1,2-Dichloroethane-d4	129			70.0-130		03/20/2024 16:44	WG2250344

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

Collected date/time: 03/14/24 12:11

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/20/2024 17:03	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 17:03	WG2250344
Ethylbenzene	U		0.000137	0.00100	1	03/20/2024 17:03	WG2250344
Total Xylenes	U		0.000174	0.00300	1	03/20/2024 17:03	WG2250344
(S) Toluene-d8	97.9			80.0-120		03/20/2024 17:03	WG2250344
(S) 4-Bromofluorobenzene	92.1			77.0-126		03/20/2024 17:03	WG2250344
(S) 1,2-Dichloroethane-d4	132	J1		70.0-130		03/20/2024 17:03	WG2250344

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

Collected date/time: 03/14/24 09:41

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/20/2024 17:22	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 17:22	WG2250344
Ethylbenzene	U		0.000137	0.00100	1	03/20/2024 17:22	WG2250344
Total Xylenes	U		0.000174	0.00300	1	03/20/2024 17:22	WG2250344
(S) Toluene-d8	96.9			80.0-120		03/20/2024 17:22	WG2250344
(S) 4-Bromofluorobenzene	93.8			77.0-126		03/20/2024 17:22	WG2250344
(S) 1,2-Dichloroethane-d4	134	J1		70.0-130		03/20/2024 17:22	WG2250344

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

Collected date/time: 03/14/24 09:26

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/20/2024 17:40	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 17:40	WG2250344
Ethylbenzene	U		0.000137	0.00100	1	03/20/2024 17:40	WG2250344
Total Xylenes	U		0.000174	0.00300	1	03/20/2024 17:40	WG2250344
(S) Toluene-d8	96.8			80.0-120		03/20/2024 17:40	WG2250344
(S) 4-Bromofluorobenzene	95.9			77.0-126		03/20/2024 17:40	WG2250344
(S) 1,2-Dichloroethane-d4	135	J1		70.0-130		03/20/2024 17:40	WG2250344

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

Collected date/time: 03/14/24 11:19

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/20/2024 17:59	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 17:59	WG2250344
Ethylbenzene	U		0.000137	0.00100	1	03/20/2024 17:59	WG2250344
Total Xylenes	U		0.000174	0.00300	1	03/20/2024 17:59	WG2250344
(S) Toluene-d8	93.9			80.0-120		03/20/2024 17:59	WG2250344
(S) 4-Bromofluorobenzene	89.1			77.0-126		03/20/2024 17:59	WG2250344
(S) 1,2-Dichloroethane-d4	132	J1		70.0-130		03/20/2024 17:59	WG2250344

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/14/24 13:25

L1716391

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	0.000745	J	0.0000941	0.00100	1	03/20/2024 18:18	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 18:18	WG2250344
Ethylbenzene	U		0.000137	0.00100	1	03/20/2024 18:18	WG2250344
Total Xylenes	U		0.000174	0.00300	1	03/20/2024 18:18	WG2250344
(S) Toluene-d8	99.5			80.0-120		03/20/2024 18:18	WG2250344
(S) 4-Bromofluorobenzene	97.6			77.0-126		03/20/2024 18:18	WG2250344
(S) 1,2-Dichloroethane-d4	130			70.0-130		03/20/2024 18:18	WG2250344

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

Collected date/time: 03/14/24 13:08

L1716391

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00525		0.0000941	0.00100	1	03/20/2024 18:36	WG2250344
Toluene	U		0.000278	0.00100	1	03/20/2024 18:36	WG2250344
Ethylbenzene	U		0.000137	0.00100	1	03/20/2024 18:36	WG2250344
Total Xylenes	U		0.000174	0.00300	1	03/20/2024 18:36	WG2250344
(S) Toluene-d8	96.4			80.0-120		03/20/2024 18:36	WG2250344
(S) 4-Bromofluorobenzene	104			77.0-126		03/20/2024 18:36	WG2250344
(S) 1,2-Dichloroethane-d4	132	J1		70.0-130		03/20/2024 18:36	WG2250344

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

Collected date/time: 03/14/24 14:44

L1716391

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	0.00950		0.0000941	0.00100	1	03/22/2024 01:33	WG2251515
Toluene	U		0.000278	0.00100	1	03/22/2024 01:33	WG2251515
Ethylbenzene	0.00536		0.000137	0.00100	1	03/22/2024 01:33	WG2251515
Total Xylenes	0.000299	J	0.000174	0.00300	1	03/22/2024 01:33	WG2251515
(S) Toluene-d8	112			80.0-120		03/22/2024 01:33	WG2251515
(S) 4-Bromofluorobenzene	107			77.0-126		03/22/2024 01:33	WG2251515
(S) 1,2-Dichloroethane-d4	101			70.0-130		03/22/2024 01:33	WG2251515

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

Collected date/time: 03/14/24 13:50

L1716391

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	0.000922	J	0.0000941	0.00100	1	03/22/2024 01:56	WG2251515
Toluene	U		0.000278	0.00100	1	03/22/2024 01:56	WG2251515
Ethylbenzene	U		0.000137	0.00100	1	03/22/2024 01:56	WG2251515
Total Xylenes	U		0.000174	0.00300	1	03/22/2024 01:56	WG2251515
(S) Toluene-d8	110			80.0-120		03/22/2024 01:56	WG2251515
(S) 4-Bromofluorobenzene	104			77.0-126		03/22/2024 01:56	WG2251515
(S) 1,2-Dichloroethane-d4	102			70.0-130		03/22/2024 01:56	WG2251515

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

Collected date/time: 03/14/24 15:03

L1716391

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		0.000471	0.00500	5	03/22/2024 04:35	WG2251515
Toluene	U		0.00139	0.00500	5	03/22/2024 04:35	WG2251515
Ethylbenzene	U		0.000685	0.00500	5	03/22/2024 04:35	WG2251515
Total Xylenes	U		0.000870	0.0150	5	03/22/2024 04:35	WG2251515
(S) Toluene-d8	112			80.0-120		03/22/2024 04:35	WG2251515
(S) 4-Bromofluorobenzene	104			77.0-126		03/22/2024 04:35	WG2251515
(S) 1,2-Dichloroethane-d4	102			70.0-130		03/22/2024 04:35	WG2251515

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

Collected date/time: 03/14/24 15:36

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	0.274		0.000941	0.0100	10	03/22/2024 17:06	WG2252022
Toluene	U		0.000278	0.00100	1	03/22/2024 02:18	WG2251515
Ethylbenzene	0.0666		0.000137	0.00100	1	03/22/2024 02:18	WG2251515
Total Xylenes	0.0688		0.000174	0.00300	1	03/22/2024 02:18	WG2251515
(S) Toluene-d8	112			80.0-120		03/22/2024 02:18	WG2251515
(S) Toluene-d8	95.7			80.0-120		03/22/2024 17:06	WG2252022
(S) 4-Bromofluorobenzene	104			77.0-126		03/22/2024 02:18	WG2251515
(S) 4-Bromofluorobenzene	81.9			77.0-126		03/22/2024 17:06	WG2252022
(S) 1,2-Dichloroethane-d4	99.9			70.0-130		03/22/2024 02:18	WG2251515
(S) 1,2-Dichloroethane-d4	104			70.0-130		03/22/2024 17:06	WG2252022

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

Collected date/time: 03/14/24 00:00

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/22/2024 16:23	WG2252022
Toluene	U		0.000278	0.00100	1	03/22/2024 02:41	WG2251515
Ethylbenzene	U		0.000137	0.00100	1	03/22/2024 02:41	WG2251515
Total Xylenes	U		0.000174	0.00300	1	03/22/2024 02:41	WG2251515
(S) Toluene-d8	111			80.0-120		03/22/2024 02:41	WG2251515
(S) Toluene-d8	100			80.0-120		03/22/2024 16:23	WG2252022
(S) 4-Bromofluorobenzene	104			77.0-126		03/22/2024 02:41	WG2251515
(S) 4-Bromofluorobenzene	80.3			77.0-126		03/22/2024 16:23	WG2252022
(S) 1,2-Dichloroethane-d4	103			70.0-130		03/22/2024 02:41	WG2251515
(S) 1,2-Dichloroethane-d4	105			70.0-130		03/22/2024 16:23	WG2252022

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

Collected date/time: 03/14/24 00:00

L1716391

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	0.000901	J	0.0000941	0.00100	1	03/22/2024 03:04	WG2251515
Toluene	U		0.000278	0.00100	1	03/22/2024 03:04	WG2251515
Ethylbenzene	U		0.000137	0.00100	1	03/22/2024 03:04	WG2251515
Total Xylenes	U		0.000174	0.00300	1	03/22/2024 03:04	WG2251515
(S) Toluene-d8	111			80.0-120		03/22/2024 03:04	WG2251515
(S) 4-Bromofluorobenzene	104			77.0-126		03/22/2024 03:04	WG2251515
(S) 1,2-Dichloroethane-d4	101			70.0-130		03/22/2024 03:04	WG2251515

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

Collected date/time: 03/14/24 00:00

L1716391

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/21/2024 20:16	WG2251515
Toluene	U		0.000278	0.00100	1	03/21/2024 20:16	WG2251515
Ethylbenzene	U		0.000137	0.00100	1	03/21/2024 20:16	WG2251515
Total Xylenes	U		0.000174	0.00300	1	03/21/2024 20:16	WG2251515
(S) Toluene-d8	109			80.0-120		03/21/2024 20:16	WG2251515
(S) 4-Bromofluorobenzene	101			77.0-126		03/21/2024 20:16	WG2251515
(S) 1,2-Dichloroethane-d4	99.7			70.0-130		03/21/2024 20:16	WG2251515

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

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

[L1716391-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15](#)

Method Blank (MB)

(MB) R4048439-3 03/20/24 09:39

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	101			80.0-120
(S) 4-Bromofluorobenzene	95.4			77.0-126
(S) 1,2-Dichloroethane-d4	123			70.0-130

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

(LCS) R4048439-1 03/20/24 08:44 • (LCSD) R4048439-2 03/20/24 09:02

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Benzene	0.00500	0.00461	0.00503	92.2	101	70.0-123			8.71	20
Toluene	0.00500	0.00467	0.00494	93.4	98.8	79.0-120			5.62	20
Ethylbenzene	0.00500	0.00443	0.00469	88.6	93.8	79.0-123			5.70	20
Total Xylenes	0.0150	0.0133	0.0137	88.7	91.3	79.0-123			2.96	20
(S) Toluene-d8				99.0	95.7	80.0-120				
(S) 4-Bromofluorobenzene				98.5	101	77.0-126				
(S) 1,2-Dichloroethane-d4				124	122	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

[L1716391-16,17,18,19,20,21,22](#)

Method Blank (MB)

(MB) R4048720-3 03/21/24 18:18

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	109			80.0-120
(S) 4-Bromofluorobenzene	103			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

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

(LCS) R4048720-1 03/21/24 16:47 • (LCSD) R4048720-2 03/21/24 17:10

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Benzene	0.00500	0.00476	0.00463	95.2	92.6	70.0-123			2.77	20
Toluene	0.00500	0.00551	0.00524	110	105	79.0-120			5.02	20
Ethylbenzene	0.00500	0.00520	0.00508	104	102	79.0-123			2.33	20
Total Xylenes	0.0150	0.0156	0.0152	104	101	79.0-123			2.60	20
(S) Toluene-d8				110	110	80.0-120				
(S) 4-Bromofluorobenzene				106	107	77.0-126				
(S) 1,2-Dichloroethane-d4				103	103	70.0-130				

7 Gl

8 Al

9 Sc

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

[L1716391-19.20](#)

Method Blank (MB)

(MB) R4049595-2 03/22/24 14:35

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
(S) Toluene-d8	98.4			80.0-120
(S) 4-Bromofluorobenzene	83.9			77.0-126
(S) 1,2-Dichloroethane-d4	106			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4049595-1 03/22/24 13:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00475	95.0	70.0-123	
(S) Toluene-d8			91.9	80.0-120	
(S) 4-Bromofluorobenzene			84.7	77.0-126	
(S) 1,2-Dichloroethane-d4			98.0	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

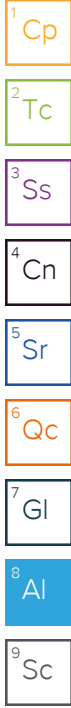
7 GI

8 AI

9 Sc

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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



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

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

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

Company Name/Address:
DCP Midstream - Tasman
 2620 W. Marland Blvd
 Hobbs, NM 88240

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

Pres
 Chk

Analysis / Container / Preservative

Chain of Custody



MT JULIET, TN

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

Report to:
Brett Dennis

Email To: **bdennis@tasman-geo.com; knorman@tasman-**

Project Description:
Former Hobbs Booster Station

City/State Collected:

Please Circle:
 PT MT CT ET

Phone: **575-318-5017**

Client Project #

Lab Project #
DCPTASMAN-HOBBSBOOST

Collected by (print):
Kenden Stark

Site/Facility ID #

P.O. #
0000662016

Collected by (signature):
Kenden Stark

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

Quote #
 Date Results Needed

Immediately Packed on Ice N ___ Y ___

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs												
Duplicate 1	Grab	GW	NA	3/14/24	NA	3	X											
Duplicate 2	↓	GW	NA	↓	NA	3	X											
TRIP BLANK	NA	GW	NA	3/14/24	16:54	3		X										

V8260BTEX 40m/Amb-HCl

V8260BTEX 40m/Amb-HCl-BIK

SDG # **L1716391**
 Table #
 Acctnum: **DCPTASMAN**
 Template: **T237553**
 Prelogin: **P1060762**
 PM: **824 - Chris Ward**
 PB:
 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 # **60126 8302 7070**

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)
Kenden Stark

Date: **3/14/24** Time: **16:52**

Received by: (Signature)

Trip Blank Received: Yes/No
 () No
 MeOH
 TBR

Relinquished by: (Signature)

Date: Time:

Received by: (Signature)

Temp: **14.5** °C
14.5 °C
 Bottles Received: **67**

If preservation required by Login: Date/Time

Relinquished by: (Signature)
Released to Imaging: 3/11/2026 1:08:59 PM

Date: Time:

Received for lab by: (Signature)

Date: **3-18-24** Time: **09:15**

Hold: Condition: **NCP / OK**

R5

3/18-NCF-L1716391 DCPTASMAN TD

Time estimate: oh

Time spent: oh

Members

- Troy Dunlap (responsible)
- CW Chris Ward

- Parameter(s) past holding time
- Temperature not in range
- Improper container type
- pH not in range
- Insufficient sample volume
- Sample is biphasic
- Vials received with headspace
- Broken container
- Sufficient sample remains
- If broken container: Insufficient packing material around container
- If broken container: Insufficient packing material inside cooler
- If broken container: Improper handling by carrier: _____
- If broken container: Sample was frozen
- If broken container: Container lid not intact
- Client informed by Call
- Client informed by Email
- Client informed by Voicemail
- Date/Time: _____ 3/18/24@1133 _____
- PM initials: _____ CMW _____
- Client Contact: _____ Stephen Weathers _____

Comments

- Troy Dunlap* *18 March 2024 11:17 AM*
 Received out of temperature at 13.4°C.
- Chris Ward* *18 March 2024 11:50 AM*
 Please proceed with analysis
- Troy Dunlap* *19 March 2024 11:23 AM*
 Done.



ANALYTICAL REPORT

June 19, 2024

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

Phillips 66 - Tasman

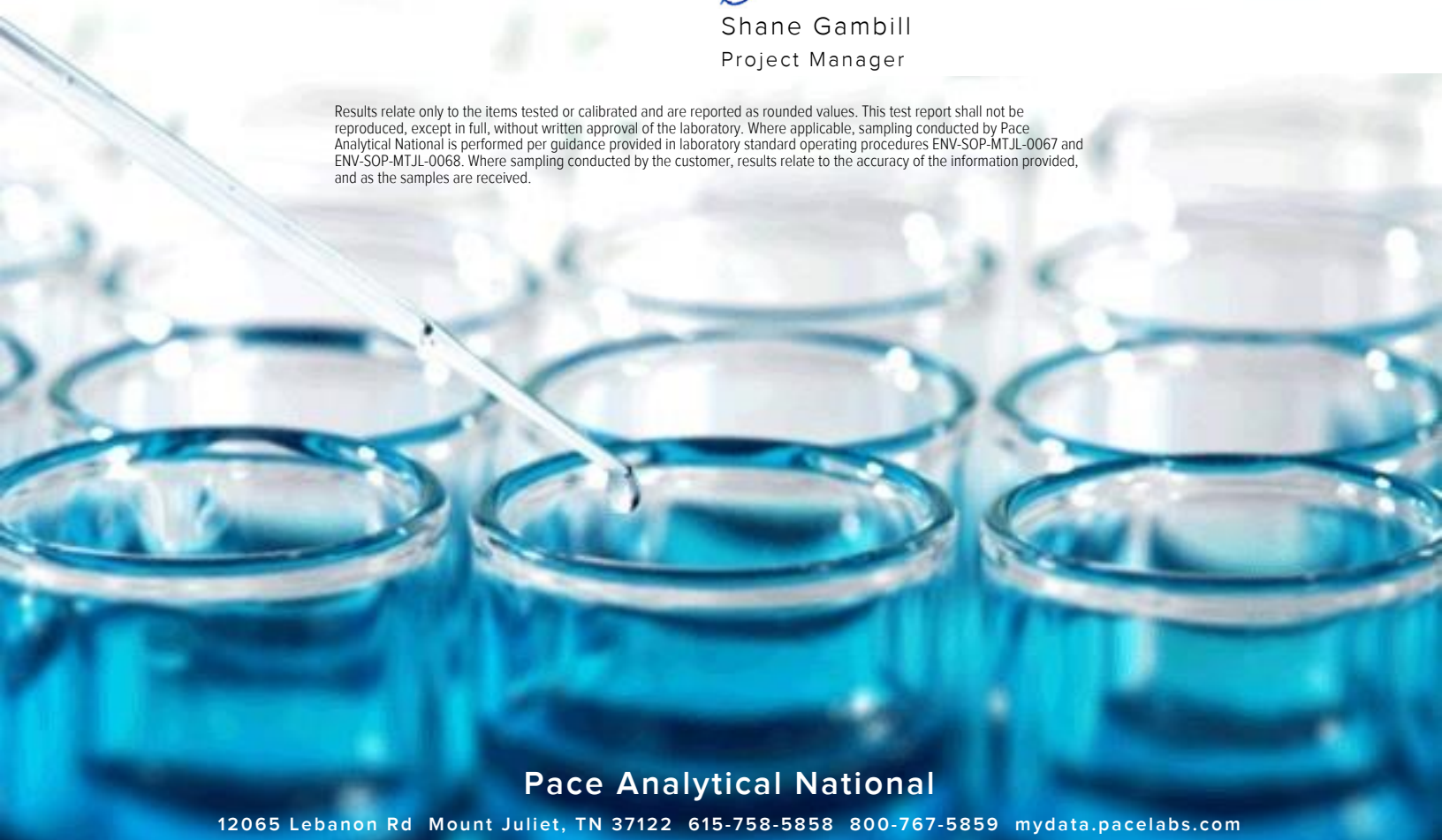
Sample Delivery Group: L1746072
 Samples Received: 06/12/2024
 Project Number: 400128005
 Description: Former Hobbs Booster Station

Report To: Brett Dennis
 2620 W. Marland Blvd
 Hobbs, NM 88240

Entire Report Reviewed By:

Shane Gambill
Project Manager

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



Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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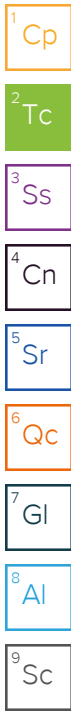
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MW-5R L1746072-01 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 07:50
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 05:43	06/18/24 05:43	BAM	Mt. Juliet, TN

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

MW-7R L1746072-02 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 08:16
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 06:02	06/18/24 06:02	BAM	Mt. Juliet, TN

MW-14 L1746072-03 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 13:52
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 06:21	06/18/24 06:21	BAM	Mt. Juliet, TN

MW-15 L1746072-04 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 10:08
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 06:40	06/18/24 06:40	BAM	Mt. Juliet, TN

MW-16 L1746072-05 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 09:53
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 06:59	06/18/24 06:59	BAM	Mt. Juliet, TN

MW-19 L1746072-06 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 11:56
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 07:18	06/18/24 07:18	BAM	Mt. Juliet, TN

MW-19D L1746072-07 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 09:13
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 07:37	06/18/24 07:37	BAM	Mt. Juliet, TN

MW-20 L1746072-08 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 11:46
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 07:56	06/18/24 07:56	BAM	Mt. Juliet, TN

MW-21 L1746072-09 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 11:36
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 08:15	06/18/24 08:15	BAM	Mt. Juliet, TN



MW-23 L1746072-10 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 13:40
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 08:34	06/18/24 08:34	BAM	Mt. Juliet, TN



MW-24 L1746072-11 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 10:17
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 08:53	06/18/24 08:53	BAM	Mt. Juliet, TN



MW-25 L1746072-12 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 11:18
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 09:13	06/18/24 09:13	BAM	Mt. Juliet, TN



MW-27 L1746072-13 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 12:35
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 09:32	06/18/24 09:32	BAM	Mt. Juliet, TN

MW-28 L1746072-14 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 12:45
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 09:51	06/18/24 09:51	BAM	Mt. Juliet, TN

MW-29 L1746072-15 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 13:13
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 10:10	06/18/24 10:10	BAM	Mt. Juliet, TN

MW-30 L1746072-16 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 09:05
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 10:29	06/18/24 10:29	BAM	Mt. Juliet, TN

MW-31 L1746072-17 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 09:36
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 10:48	06/18/24 10:48	BAM	Mt. Juliet, TN

1 Cp

2 Tc

MW-32 L1746072-18 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 08:35
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 11:07	06/18/24 11:07	BAM	Mt. Juliet, TN

3 Ss

4 Cn

5 Sr

MW-26 L1746072-19 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 14:07
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 11:26	06/18/24 11:26	BAM	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

DUPLICATE 1 L1746072-20 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 00:00
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2306908	1	06/18/24 11:45	06/18/24 11:45	BAM	Mt. Juliet, TN

9 Sc

DUPLICATE 2 L1746072-21 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 00:00
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2307057	1	06/18/24 11:41	06/18/24 11:41	JTO	Mt. Juliet, TN

TRIP BLANK L1746072-22 GW

Collected by Kendon Stark
 Collected date/time 06/11/24 00:00
 Received date/time 06/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2307057	1	06/18/24 09:08	06/18/24 09:08	JTO	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.



Shane Gambill
Project Manager

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

Collected date/time: 06/11/24 07:50

L1746072

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/18/2024 05:43	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 05:43	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 05:43	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 05:43	WG2306908
(S) Toluene-d8	96.5			80.0-120		06/18/2024 05:43	WG2306908
(S) 4-Bromofluorobenzene	103			77.0-126		06/18/2024 05:43	WG2306908
(S) 1,2-Dichloroethane-d4	103			70.0-130		06/18/2024 05:43	WG2306908

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

Collected date/time: 06/11/24 08:16

L1746072

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/18/2024 06:02	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 06:02	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 06:02	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 06:02	WG2306908
(S) Toluene-d8	97.9			80.0-120		06/18/2024 06:02	WG2306908
(S) 4-Bromofluorobenzene	101			77.0-126		06/18/2024 06:02	WG2306908
(S) 1,2-Dichloroethane-d4	106			70.0-130		06/18/2024 06:02	WG2306908

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

Collected date/time: 06/11/24 13:52

L1746072

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0412		0.0000941	0.00100	1	06/18/2024 06:21	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 06:21	WG2306908
Ethylbenzene	0.000321	J J3	0.000137	0.00100	1	06/18/2024 06:21	WG2306908
Total Xylenes	0.000498	J	0.000174	0.00300	1	06/18/2024 06:21	WG2306908
(S) Toluene-d8	98.9			80.0-120		06/18/2024 06:21	WG2306908
(S) 4-Bromofluorobenzene	106			77.0-126		06/18/2024 06:21	WG2306908
(S) 1,2-Dichloroethane-d4	102			70.0-130		06/18/2024 06:21	WG2306908

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

Collected date/time: 06/11/24 10:08

L1746072

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/18/2024 06:40	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 06:40	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 06:40	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 06:40	WG2306908
(S) Toluene-d8	98.7			80.0-120		06/18/2024 06:40	WG2306908
(S) 4-Bromofluorobenzene	106			77.0-126		06/18/2024 06:40	WG2306908
(S) 1,2-Dichloroethane-d4	107			70.0-130		06/18/2024 06:40	WG2306908

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

Collected date/time: 06/11/24 09:53

L1746072

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/18/2024 06:59	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 06:59	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 06:59	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 06:59	WG2306908
(S) Toluene-d8	96.5			80.0-120		06/18/2024 06:59	WG2306908
(S) 4-Bromofluorobenzene	103			77.0-126		06/18/2024 06:59	WG2306908
(S) 1,2-Dichloroethane-d4	105			70.0-130		06/18/2024 06:59	WG2306908

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

Collected date/time: 06/11/24 11:56

L1746072

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/18/2024 07:18	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 07:18	WG2306908
Ethylbenzene	0.000330	J J3	0.000137	0.00100	1	06/18/2024 07:18	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 07:18	WG2306908
(S) Toluene-d8	92.8			80.0-120		06/18/2024 07:18	WG2306908
(S) 4-Bromofluorobenzene	103			77.0-126		06/18/2024 07:18	WG2306908
(S) 1,2-Dichloroethane-d4	102			70.0-130		06/18/2024 07:18	WG2306908

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/24 09:13

L1746072

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/18/2024 07:37	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 07:37	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 07:37	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 07:37	WG2306908
(S) Toluene-d8	96.0			80.0-120		06/18/2024 07:37	WG2306908
(S) 4-Bromofluorobenzene	104			77.0-126		06/18/2024 07:37	WG2306908
(S) 1,2-Dichloroethane-d4	108			70.0-130		06/18/2024 07:37	WG2306908

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

Collected date/time: 06/11/24 11:46

L1746072

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/18/2024 07:56	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 07:56	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 07:56	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 07:56	WG2306908
(S) Toluene-d8	93.9			80.0-120		06/18/2024 07:56	WG2306908
(S) 4-Bromofluorobenzene	98.2			77.0-126		06/18/2024 07:56	WG2306908
(S) 1,2-Dichloroethane-d4	107			70.0-130		06/18/2024 07:56	WG2306908

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

Collected date/time: 06/11/24 11:36

L1746072

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/18/2024 08:15	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 08:15	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 08:15	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 08:15	WG2306908
(S) Toluene-d8	97.1			80.0-120		06/18/2024 08:15	WG2306908
(S) 4-Bromofluorobenzene	103			77.0-126		06/18/2024 08:15	WG2306908
(S) 1,2-Dichloroethane-d4	105			70.0-130		06/18/2024 08:15	WG2306908

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

Collected date/time: 06/11/24 13:40

L1746072

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000149	J	0.0000941	0.00100	1	06/18/2024 08:34	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 08:34	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 08:34	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 08:34	WG2306908
(S) Toluene-d8	97.1			80.0-120		06/18/2024 08:34	WG2306908
(S) 4-Bromofluorobenzene	102			77.0-126		06/18/2024 08:34	WG2306908
(S) 1,2-Dichloroethane-d4	103			70.0-130		06/18/2024 08:34	WG2306908

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/24 10:17

L1746072

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/18/2024 08:53	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 08:53	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 08:53	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 08:53	WG2306908
(S) Toluene-d8	94.6			80.0-120		06/18/2024 08:53	WG2306908
(S) 4-Bromofluorobenzene	101			77.0-126		06/18/2024 08:53	WG2306908
(S) 1,2-Dichloroethane-d4	106			70.0-130		06/18/2024 08:53	WG2306908

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

Collected date/time: 06/11/24 11:18

L1746072

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/18/2024 09:13	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 09:13	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 09:13	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 09:13	WG2306908
(S) Toluene-d8	95.0			80.0-120		06/18/2024 09:13	WG2306908
(S) 4-Bromofluorobenzene	101			77.0-126		06/18/2024 09:13	WG2306908
(S) 1,2-Dichloroethane-d4	107			70.0-130		06/18/2024 09:13	WG2306908

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

Collected date/time: 06/11/24 12:35

L1746072

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/18/2024 09:32	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 09:32	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 09:32	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 09:32	WG2306908
(S) Toluene-d8	96.3			80.0-120		06/18/2024 09:32	WG2306908
(S) 4-Bromofluorobenzene	97.6			77.0-126		06/18/2024 09:32	WG2306908
(S) 1,2-Dichloroethane-d4	105			70.0-130		06/18/2024 09:32	WG2306908

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

Collected date/time: 06/11/24 12:45

L1746072

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00145		0.0000941	0.00100	1	06/18/2024 09:51	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 09:51	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 09:51	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 09:51	WG2306908
(S) Toluene-d8	94.3			80.0-120		06/18/2024 09:51	WG2306908
(S) 4-Bromofluorobenzene	100			77.0-126		06/18/2024 09:51	WG2306908
(S) 1,2-Dichloroethane-d4	109			70.0-130		06/18/2024 09:51	WG2306908

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

Collected date/time: 06/11/24 13:13

L1746072

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00284		0.0000941	0.00100	1	06/18/2024 10:10	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 10:10	WG2306908
Ethylbenzene	0.000431	J J3	0.000137	0.00100	1	06/18/2024 10:10	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 10:10	WG2306908
(S) Toluene-d8	97.2			80.0-120		06/18/2024 10:10	WG2306908
(S) 4-Bromofluorobenzene	105			77.0-126		06/18/2024 10:10	WG2306908
(S) 1,2-Dichloroethane-d4	103			70.0-130		06/18/2024 10:10	WG2306908

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

Collected date/time: 06/11/24 09:05

L1746072

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00870		0.0000941	0.00100	1	06/18/2024 10:29	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 10:29	WG2306908
Ethylbenzene	0.00392	<u>J3</u>	0.000137	0.00100	1	06/18/2024 10:29	WG2306908
Total Xylenes	0.000227	<u>J</u>	0.000174	0.00300	1	06/18/2024 10:29	WG2306908
(S) Toluene-d8	94.6			80.0-120		06/18/2024 10:29	WG2306908
(S) 4-Bromofluorobenzene	106			77.0-126		06/18/2024 10:29	WG2306908
(S) 1,2-Dichloroethane-d4	103			70.0-130		06/18/2024 10:29	WG2306908

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/24 09:36

L1746072

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000956	J	0.0000941	0.00100	1	06/18/2024 10:48	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 10:48	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 10:48	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 10:48	WG2306908
(S) Toluene-d8	94.6			80.0-120		06/18/2024 10:48	WG2306908
(S) 4-Bromofluorobenzene	100			77.0-126		06/18/2024 10:48	WG2306908
(S) 1,2-Dichloroethane-d4	107			70.0-130		06/18/2024 10:48	WG2306908

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

Collected date/time: 06/11/24 08:35

L1746072

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000195	J	0.0000941	0.00100	1	06/18/2024 11:07	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 11:07	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 11:07	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 11:07	WG2306908
(S) Toluene-d8	96.1			80.0-120		06/18/2024 11:07	WG2306908
(S) 4-Bromofluorobenzene	103			77.0-126		06/18/2024 11:07	WG2306908
(S) 1,2-Dichloroethane-d4	102			70.0-130		06/18/2024 11:07	WG2306908

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

Collected date/time: 06/11/24 14:07

L1746072

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0100		0.0000941	0.00100	1	06/18/2024 11:26	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 11:26	WG2306908
Ethylbenzene	0.00417	J3	0.000137	0.00100	1	06/18/2024 11:26	WG2306908
Total Xylenes	0.00698		0.000174	0.00300	1	06/18/2024 11:26	WG2306908
(S) Toluene-d8	96.1			80.0-120		06/18/2024 11:26	WG2306908
(S) 4-Bromofluorobenzene	105			77.0-126		06/18/2024 11:26	WG2306908
(S) 1,2-Dichloroethane-d4	105			70.0-130		06/18/2024 11:26	WG2306908

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

Collected date/time: 06/11/24 00:00

L1746072

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/18/2024 11:45	WG2306908
Toluene	U		0.000278	0.00100	1	06/18/2024 11:45	WG2306908
Ethylbenzene	U	J3	0.000137	0.00100	1	06/18/2024 11:45	WG2306908
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 11:45	WG2306908
(S) Toluene-d8	96.4			80.0-120		06/18/2024 11:45	WG2306908
(S) 4-Bromofluorobenzene	101			77.0-126		06/18/2024 11:45	WG2306908
(S) 1,2-Dichloroethane-d4	106			70.0-130		06/18/2024 11:45	WG2306908

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

Collected date/time: 06/11/24 00:00

L1746072

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	0.000824	J	0.0000941	0.00100	1	06/18/2024 11:41	WG2307057
Toluene	U		0.000278	0.00100	1	06/18/2024 11:41	WG2307057
Ethylbenzene	U		0.000137	0.00100	1	06/18/2024 11:41	WG2307057
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 11:41	WG2307057
(S) Toluene-d8	99.0			80.0-120		06/18/2024 11:41	WG2307057
(S) 4-Bromofluorobenzene	97.4			77.0-126		06/18/2024 11:41	WG2307057
(S) 1,2-Dichloroethane-d4	102			70.0-130		06/18/2024 11:41	WG2307057

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

Collected date/time: 06/11/24 00:00

L1746072

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/18/2024 09:08	WG2307057
Toluene	U		0.000278	0.00100	1	06/18/2024 09:08	WG2307057
Ethylbenzene	U		0.000137	0.00100	1	06/18/2024 09:08	WG2307057
Total Xylenes	U		0.000174	0.00300	1	06/18/2024 09:08	WG2307057
(S) Toluene-d8	100			80.0-120		06/18/2024 09:08	WG2307057
(S) 4-Bromofluorobenzene	97.7			77.0-126		06/18/2024 09:08	WG2307057
(S) 1,2-Dichloroethane-d4	103			70.0-130		06/18/2024 09:08	WG2307057

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

[L1746072-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20](#)

Method Blank (MB)

(MB) R4083453-3 06/18/24 05:24

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	95.3			80.0-120
(S) 4-Bromofluorobenzene	101			77.0-126
(S) 1,2-Dichloroethane-d4	106			70.0-130

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

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

(LCS) R4083453-1 06/18/24 04:27 • (LCSD) R4083453-2 06/18/24 04:46

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Benzene	0.00500	0.00436	0.00514	87.2	103	70.0-123			16.4	20
Toluene	0.00500	0.00420	0.00513	84.0	103	79.0-120			19.9	20
Ethylbenzene	0.00500	0.00453	0.00555	90.6	111	79.0-123		J3	20.2	20
Total Xylenes	0.0150	0.0136	0.0166	90.7	111	79.0-123			19.9	20
(S) Toluene-d8				92.2	95.0	80.0-120				
(S) 4-Bromofluorobenzene				102	107	77.0-126				
(S) 1,2-Dichloroethane-d4				98.3	99.6	70.0-130				

7 Gl

8 Al

9 Sc

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

[L1746072-21,22](#)

Method Blank (MB)

(MB) R4083667-2 06/18/24 07:51

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	98.0			80.0-120
(S) 4-Bromofluorobenzene	101			77.0-126
(S) 1,2-Dichloroethane-d4	104			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4083667-1 06/18/24 06:53

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	mg/l	mg/l	%	%	
Benzene	0.00500	0.00493	98.6	70.0-123	
Toluene	0.00500	0.00466	93.2	79.0-120	
Ethylbenzene	0.00500	0.00461	92.2	79.0-123	
Total Xylenes	0.0150	0.0145	96.7	79.0-123	
(S) Toluene-d8			97.5	80.0-120	
(S) 4-Bromofluorobenzene			99.4	77.0-126	
(S) 1,2-Dichloroethane-d4			102	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Guide to Reading and Understanding Your Laboratory Report

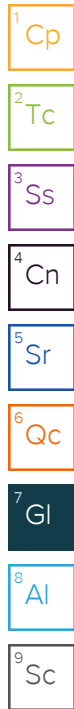
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
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.
J3	The associated batch QC was outside the established quality control range for precision.



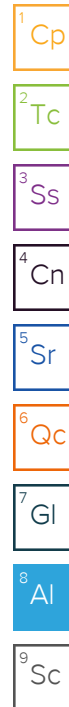
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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


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



Company Name/Address:
Phillips 66 - Tasman
 2620 W. Marland Blvd
 Hobbs, NM 88240

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

Pres Chk
 Analysis / Container / Preservative

Chain of Custody Page of

 PEOPLE ADVANCING SCIENCE

Report to:
Brett Dennis

Email To: **bdennis@tasman-geo.com; knorman@tasman-**

Project Description:
Former Hobbs Booster Station

City/State Collected:

Please Circle:
 PT MT CT ET

Phone: **575-318-5017**

Client Project #

Lab Project #
DCPTASMAN-HOBBSBOOST

Collected by (print):
Kendon Stark

Site/Facility ID #

P.O. #
4301350768

Collected by (signature):
Kendon Stark

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

Quote #
 Date Results Needed

Immediately
 Packed on Ice N ___ Y

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

MW-5R	Grab	GW	NA	6.11.24	07:50	3
MW-7R		GW			08:16	3
MW-14		GW			13:52	3
MW-15		GW			10:08	3
MW-16		GW			09:53	3
MW-19		GW			11:56	3
MW-19D		GW			09:13	3
MW-20		GW			11:46	3
MW-21		GW			11:36	3
MW-22		GW				3

V8260BTEX 40mIAmb-HCl

V8260BTEX 40mIAmb-HCl-Bik

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

SDG # **1746072**
A040

Acctnum: **DCPTASMAN**
 Template: **T237553**
 Prelogin: **P1080150**
 PM: **824 - Chris Ward**
 PB:

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 # **7315 3193 9175**

Sample Receipt Checklist
 COC Seal Present/Intact: Y NP 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)
Kendon Stark

Date: **6.11.24** Time: **14:41**

Received by: (Signature)

Trip Blank Received: Yes No
 HCL/ MeOH TBR

Relinquished by: (Signature)

Date: _____ Time: _____

Received by: (Signature)

Temp: _____ °C Bottles Received: **EOAB 5.04.3=5.3**

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: _____ Time: _____

Received for Lab by: (Signature)
[Signature]

Date: **12** Time: **6-24-24 9:00**

Hold: _____ Condition: NCF / OK

Company Name/Address:
Phillips 66 - Tasman
 2620 W. Marland Blvd
 Hobbs, NM 88240

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

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page ___ of ___



MT JULIET, TN

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

Report to:
Brett Dennis

Email To: **bdennis@tasman-geo.com; knorman@tasman-geo.com**

Project Description:
Former Hobbs Booster Station

City/State Collected:

Please Circle:
 PT MT CT ET

Phone: **575-318-5017**

Client Project #

Lab Project #
DCPTASMAN-HOBBSBOOST

Collected by (print):
Kendal Stark

Site/Facility ID #

P.O. #
4301350768

Collected by (signature):

Rush? (Lab MUST Be Notified)

___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Quote #

Date Results Needed

No. of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

MW-23	Grab	GW	NA	6.11.24	13:40	3
MW-24		GW			10:17	3
MW-25		GW			11:18	3
MW-27		GW			11:07	3
MW-28		GW			12:45	3
MW-29		GW			12:35	3
MW-30		GW			13:12	3
MW-31		GW			09:26	3
MW-32		GW			09:05	3
MW-26		GW			08:35	3
MW-26		GW			14:07	3

V8260BTEX 40ml/Amb-HCl

V8260BTEX 40ml/Amb-HCl-Bik

SDG # **1746072**

Table #

Acctnum: **DCPTASMAN**

Template: **T237553**

Prelogin: **P1080150**

PM: **824 - Chris Ward**

PB:

Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

10
11
13
13
14
15
16
17
18
19

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

Remarks:

pH _____ Temp _____
 Flow _____ Other _____

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

Samples returned via: ___ UPS ___ FedEx ___ Courier
 Tracking # **7315 3193 9175**

Relinquished by: (Signature)

Date: **6.11.24**

Time: **14:41**

Received by: (Signature)

Trip Blank Received: **3** Yes / No
 HCl / MeOH
 TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C **EDAL 5.64.3 = 5.3**

If preservation required by Login: Date/Time

Relinquished by: (Signature)


Date:

Time:

Received for lab by: (Signature)

Date: **6-12-24** Time: **9:00**

Hold: Condition: **NCF / OK**

Company Name/Address: Phillips 66 - Tasman 2620 W. Marland Blvd Hobbs, NM 88240		Billing Information: Steve Weathers 370 17th St, Ste 2500 Denver, CO 80202		Analysis / Container / Preservative		Chain of Custody Page ___ of ___			
Report to: Brett Dennis		Email To: bdennis@tasman-geo.com; knorman@tasman-		Pres Chk V8260BTEX 40mlAmb-HCl V8260BTEX 40mlAmb-HCl-Bik		 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf SDG # 1746072 Table # Acctnum: DCPTASMAN Template: T237553 Prelogin: P1080150 PM: 824 - Chris Ward PB: Shipped Via: FedEX Ground			
Project Description: Former Hobbs Booster Station		City/State Collected:						Please Circle: PT MT CT ET	
Phone: 575-318-5017		Client Project #						Lab Project # DCPTASMAN-HOBBSBOOST	
Collected by (print): Kendon Stark		Site/Facility ID #						P.O. # 4301350768	
Collected by (signature): <i>Kendon Stark</i>		Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day		Quote #		Date Results Needed			
Immediately Packed on Ice N ___ Y <input checked="" type="checkbox"/>		No. of Cntrs							
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time				
Duplicate 1	Grab	GW	NA	6.11.24	NA	3	X		
Duplicate 2	↓	GW	↓		↓	3	X		
TRIP BLANK		GW			↓	3	X		
* 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 #		7315 3193 9175		Sample Receipt Checklist COC Seal Present/Intact: <input checked="" type="checkbox"/> NP <input checked="" type="checkbox"/> N COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Bottles arrive intact: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Sufficient volume sent: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N If Applicable VOA Zero Headpace: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N Preservation Correct/Checked: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N RAD Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N			
Relinquished by: (Signature) <i>Kendon Stark</i>		Date: 6.11.24	Time: 14:41	Received by: (Signature)		Trip Blank Received: Yes/No 3 <input checked="" type="checkbox"/> HCl/MeOH TBR			
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Temp: °C Bottles Received: If preservation required by Login: Date/Time			
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature) <i>for wess</i>		Date: 6-12-24 Time: 9:00 Hold: Condition: NCF / <input checked="" type="checkbox"/>			



ANALYTICAL REPORT

October 03, 2024

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

Phillips 66 - Tasman

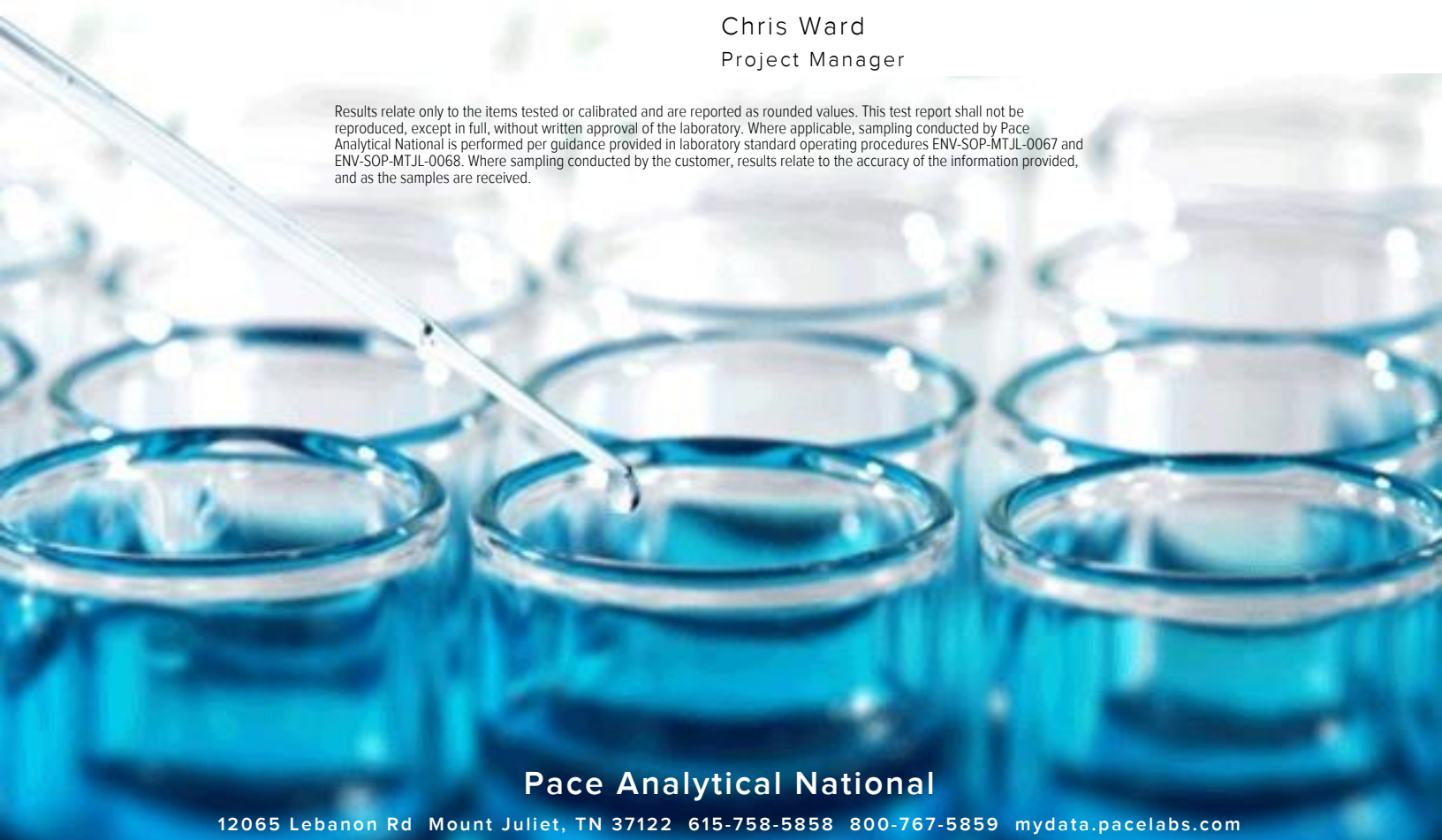
Sample Delivery Group: L1779198
 Samples Received: 09/18/2024
 Project Number: 400128005
 Description: Former Hobbs Booster Station

Report To: Brett Dennis
 2620 W. Marland Blvd
 Hobbs, NM 88240

Entire Report Reviewed By:

Chris Ward
Project Manager

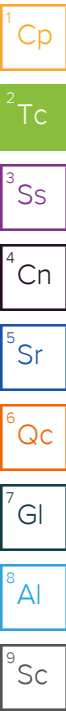
Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory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



Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	6
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MW-5R L1779198-02	8
MW-7R L1779198-03	9
MW-14 L1779198-04	10
MW-15 L1779198-05	11
MW-16 L1779198-06	12
MW-17 L1779198-07	13
MW-18 L1779198-08	14
MW-19 L1779198-09	15
MW-19D L1779198-10	16
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MW-28 L1779198-16	22
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MW-3 L1779198-01 GW

Collected by KS/OG
 Collected date/time 09/17/24 09:07
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367321	1	09/22/24 01:46	09/22/24 01:46	DYW	Mt. Juliet, TN

1 Cp

2 Tc

MW-5R L1779198-02 GW

Collected by KS/OG
 Collected date/time 09/17/24 07:58
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367321	1	09/22/24 02:09	09/22/24 02:09	DYW	Mt. Juliet, TN

3 Ss

4 Cn

5 Sr

MW-7R L1779198-03 GW

Collected by KS/OG
 Collected date/time 09/17/24 08:28
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367321	1	09/22/24 02:32	09/22/24 02:32	DYW	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

MW-14 L1779198-04 GW

Collected by KS/OG
 Collected date/time 09/17/24 13:39
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367321	1	09/22/24 02:55	09/22/24 02:55	DYW	Mt. Juliet, TN

9 Sc

MW-15 L1779198-05 GW

Collected by KS/OG
 Collected date/time 09/17/24 09:22
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367321	1	09/22/24 03:18	09/22/24 03:18	DYW	Mt. Juliet, TN

MW-16 L1779198-06 GW

Collected by KS/OG
 Collected date/time 09/17/24 08:54
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367321	1	09/22/24 03:41	09/22/24 03:41	DYW	Mt. Juliet, TN

MW-17 L1779198-07 GW

Collected by KS/OG
 Collected date/time 09/17/24 10:27
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367321	1	09/22/24 04:05	09/22/24 04:05	DYW	Mt. Juliet, TN

MW-18 L1779198-08 GW

Collected by KS/OG
 Collected date/time 09/17/24 10:08
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367321	1	09/22/24 04:28	09/22/24 04:28	DYW	Mt. Juliet, TN

MW-19 L1779198-09 GW

Collected by KS/OG Collected date/time 09/17/24 11:05 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367321	1	09/22/24 04:51	09/22/24 04:51	DYW	Mt. Juliet, TN

1 Cp

2 Tc

MW-19D L1779198-10 GW

Collected by KS/OG Collected date/time 09/17/24 11:27 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367321	1	09/22/24 05:14	09/22/24 05:14	DYW	Mt. Juliet, TN

3 Ss

4 Cn

5 Sr

MW-21 L1779198-11 GW

Collected by KS/OG Collected date/time 09/17/24 09:52 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367321	1	09/22/24 05:37	09/22/24 05:37	DYW	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

MW-23 L1779198-12 GW

Collected by KS/OG Collected date/time 09/17/24 13:28 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367330	1	09/22/24 03:07	09/22/24 03:07	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2371739	1	09/28/24 12:21	09/28/24 12:21	DYW	Mt. Juliet, TN

9 Sc

MW-24 L1779198-13 GW

Collected by KS/OG Collected date/time 09/17/24 09:30 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367330	1	09/22/24 03:28	09/22/24 03:28	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2371739	1	09/28/24 12:41	09/28/24 12:41	DYW	Mt. Juliet, TN

MW-25 L1779198-14 GW

Collected by KS/OG Collected date/time 09/17/24 09:37 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367589	1	09/22/24 22:43	09/22/24 22:43	JCP	Mt. Juliet, TN

MW-27 L1779198-15 GW

Collected by KS/OG Collected date/time 09/17/24 12:15 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367589	1	09/22/24 23:04	09/22/24 23:04	JCP	Mt. Juliet, TN

MW-28 L1779198-16 GW

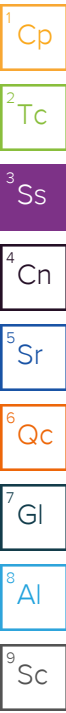
Collected by KS/OG Collected date/time 09/17/24 12:32 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367589	1	09/22/24 23:25	09/22/24 23:25	JCP	Mt. Juliet, TN

MW-29 L1779198-17 GW

Collected by KS/OG
 Collected date/time 09/17/24 12:06
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367589	1	09/22/24 23:46	09/22/24 23:46	JCP	Mt. Juliet, TN



DUPLICATE 1 L1779198-18 GW

Collected by KS/OG
 Collected date/time 09/17/24 00:00
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367589	1	09/23/24 00:06	09/23/24 00:06	JCP	Mt. Juliet, TN

DUPLICATE 2 L1779198-19 GW

Collected by KS/OG
 Collected date/time 09/17/24 00:00
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367589	1	09/23/24 00:27	09/23/24 00:27	JCP	Mt. Juliet, TN

MW-26 L1779198-20 GW

Collected by KS/OG
 Collected date/time 09/17/24 14:13
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367589	1	09/23/24 00:48	09/23/24 00:48	JCP	Mt. Juliet, TN

TRIP BLANK L1779198-21 GW

Collected by KS/OG
 Collected date/time 09/17/24 00:00
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367589	1	09/22/24 20:37	09/22/24 20:37	JCP	Mt. Juliet, TN

MW-30 L1779198-22 GW

Collected by KS/OG
 Collected date/time 09/17/24 11:49
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367589	1	09/23/24 01:09	09/23/24 01:09	JCP	Mt. Juliet, TN

MW-31 L1779198-23 GW

Collected by KS/OG
 Collected date/time 09/17/24 13:14
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367589	1	09/23/24 01:30	09/23/24 01:30	JCP	Mt. Juliet, TN

MW-32 L1779198-24 GW

Collected by KS/OG
 Collected date/time 09/17/24 10:55
 Received date/time 09/18/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2367589	1	09/23/24 01:51	09/23/24 01:51	JCP	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

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

Collected date/time: 09/17/24 09:07

L1779198

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	09/22/2024 01:46	WG2367321
Toluene	U		0.000278	0.00100	1	09/22/2024 01:46	WG2367321
Ethylbenzene	U		0.000137	0.00100	1	09/22/2024 01:46	WG2367321
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 01:46	WG2367321
(S) Toluene-d8	106			80.0-120		09/22/2024 01:46	WG2367321
(S) 4-Bromofluorobenzene	107			77.0-126		09/22/2024 01:46	WG2367321
(S) 1,2-Dichloroethane-d4	101			70.0-130		09/22/2024 01:46	WG2367321

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/17/24 07:58

L1779198

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	09/22/2024 02:09	WG2367321
Toluene	U		0.000278	0.00100	1	09/22/2024 02:09	WG2367321
Ethylbenzene	U		0.000137	0.00100	1	09/22/2024 02:09	WG2367321
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 02:09	WG2367321
(S) Toluene-d8	103			80.0-120		09/22/2024 02:09	WG2367321
(S) 4-Bromofluorobenzene	106			77.0-126		09/22/2024 02:09	WG2367321
(S) 1,2-Dichloroethane-d4	103			70.0-130		09/22/2024 02:09	WG2367321

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

Collected date/time: 09/17/24 08:28

L1779198

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	09/22/2024 02:32	WG2367321
Toluene	U		0.000278	0.00100	1	09/22/2024 02:32	WG2367321
Ethylbenzene	U		0.000137	0.00100	1	09/22/2024 02:32	WG2367321
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 02:32	WG2367321
(S) Toluene-d8	105			80.0-120		09/22/2024 02:32	WG2367321
(S) 4-Bromofluorobenzene	103			77.0-126		09/22/2024 02:32	WG2367321
(S) 1,2-Dichloroethane-d4	103			70.0-130		09/22/2024 02:32	WG2367321

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

Collected date/time: 09/17/24 13:39

L1779198

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	0.0181		0.0000941	0.00100	1	09/22/2024 02:55	WG2367321
Toluene	U		0.000278	0.00100	1	09/22/2024 02:55	WG2367321
Ethylbenzene	U		0.000137	0.00100	1	09/22/2024 02:55	WG2367321
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 02:55	WG2367321
(S) Toluene-d8	108			80.0-120		09/22/2024 02:55	WG2367321
(S) 4-Bromofluorobenzene	112			77.0-126		09/22/2024 02:55	WG2367321
(S) 1,2-Dichloroethane-d4	102			70.0-130		09/22/2024 02:55	WG2367321

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

Collected date/time: 09/17/24 09:22

L1779198

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	09/22/2024 03:18	WG2367321
Toluene	U		0.000278	0.00100	1	09/22/2024 03:18	WG2367321
Ethylbenzene	U		0.000137	0.00100	1	09/22/2024 03:18	WG2367321
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 03:18	WG2367321
(S) Toluene-d8	105			80.0-120		09/22/2024 03:18	WG2367321
(S) 4-Bromofluorobenzene	108			77.0-126		09/22/2024 03:18	WG2367321
(S) 1,2-Dichloroethane-d4	103			70.0-130		09/22/2024 03:18	WG2367321

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

Collected date/time: 09/17/24 08:54

L1779198

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	09/22/2024 03:41	WG2367321
Toluene	U		0.000278	0.00100	1	09/22/2024 03:41	WG2367321
Ethylbenzene	U		0.000137	0.00100	1	09/22/2024 03:41	WG2367321
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 03:41	WG2367321
(S) Toluene-d8	102			80.0-120		09/22/2024 03:41	WG2367321
(S) 4-Bromofluorobenzene	104			77.0-126		09/22/2024 03:41	WG2367321
(S) 1,2-Dichloroethane-d4	103			70.0-130		09/22/2024 03:41	WG2367321

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

Collected date/time: 09/17/24 10:27

L1779198

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	0.0107		0.0000941	0.00100	1	09/22/2024 04:05	WG2367321
Toluene	U		0.000278	0.00100	1	09/22/2024 04:05	WG2367321
Ethylbenzene	0.000674	J	0.000137	0.00100	1	09/22/2024 04:05	WG2367321
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 04:05	WG2367321
(S) Toluene-d8	103			80.0-120		09/22/2024 04:05	WG2367321
(S) 4-Bromofluorobenzene	111			77.0-126		09/22/2024 04:05	WG2367321
(S) 1,2-Dichloroethane-d4	101			70.0-130		09/22/2024 04:05	WG2367321

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

Collected date/time: 09/17/24 10:08

L1779198

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	0.000257	J	0.0000941	0.00100	1	09/22/2024 04:28	WG2367321
Toluene	U		0.000278	0.00100	1	09/22/2024 04:28	WG2367321
Ethylbenzene	U		0.000137	0.00100	1	09/22/2024 04:28	WG2367321
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 04:28	WG2367321
(S) Toluene-d8	101			80.0-120		09/22/2024 04:28	WG2367321
(S) 4-Bromofluorobenzene	109			77.0-126		09/22/2024 04:28	WG2367321
(S) 1,2-Dichloroethane-d4	102			70.0-130		09/22/2024 04:28	WG2367321

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

Collected date/time: 09/17/24 11:05

L1779198

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	09/22/2024 04:51	WG2367321
Toluene	U		0.000278	0.00100	1	09/22/2024 04:51	WG2367321
Ethylbenzene	U		0.000137	0.00100	1	09/22/2024 04:51	WG2367321
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 04:51	WG2367321
(S) Toluene-d8	106			80.0-120		09/22/2024 04:51	WG2367321
(S) 4-Bromofluorobenzene	112			77.0-126		09/22/2024 04:51	WG2367321
(S) 1,2-Dichloroethane-d4	102			70.0-130		09/22/2024 04:51	WG2367321

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

Collected date/time: 09/17/24 11:27

L1779198

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	09/22/2024 05:14	WG2367321
Toluene	U		0.000278	0.00100	1	09/22/2024 05:14	WG2367321
Ethylbenzene	U		0.000137	0.00100	1	09/22/2024 05:14	WG2367321
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 05:14	WG2367321
(S) Toluene-d8	106			80.0-120		09/22/2024 05:14	WG2367321
(S) 4-Bromofluorobenzene	109			77.0-126		09/22/2024 05:14	WG2367321
(S) 1,2-Dichloroethane-d4	102			70.0-130		09/22/2024 05:14	WG2367321

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

Collected date/time: 09/17/24 09:52

L1779198

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	09/22/2024 05:37	WG2367321
Toluene	U		0.000278	0.00100	1	09/22/2024 05:37	WG2367321
Ethylbenzene	U		0.000137	0.00100	1	09/22/2024 05:37	WG2367321
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 05:37	WG2367321
(S) Toluene-d8	105			80.0-120		09/22/2024 05:37	WG2367321
(S) 4-Bromofluorobenzene	108			77.0-126		09/22/2024 05:37	WG2367321
(S) 1,2-Dichloroethane-d4	104			70.0-130		09/22/2024 05:37	WG2367321

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

Collected date/time: 09/17/24 13:28

L1779198

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	0.00922		0.0000941	0.00100	1	09/22/2024 03:07	WG2367330
Toluene	U		0.000278	0.00100	1	09/28/2024 12:21	WG2371739
Ethylbenzene	0.00903		0.000137	0.00100	1	09/22/2024 03:07	WG2367330
Total Xylenes	0.00103	J	0.000174	0.00300	1	09/28/2024 12:21	WG2371739
(S) Toluene-d8	110			80.0-120		09/22/2024 03:07	WG2367330
(S) Toluene-d8	101			80.0-120		09/28/2024 12:21	WG2371739
(S) 4-Bromofluorobenzene	102			77.0-126		09/22/2024 03:07	WG2367330
(S) 4-Bromofluorobenzene	95.5			77.0-126		09/28/2024 12:21	WG2371739
(S) 1,2-Dichloroethane-d4	90.4			70.0-130		09/22/2024 03:07	WG2367330
(S) 1,2-Dichloroethane-d4	99.6			70.0-130		09/28/2024 12:21	WG2371739

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

Collected date/time: 09/17/24 09:30

L1779198

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	09/22/2024 03:28	WG2367330
Toluene	U		0.000278	0.00100	1	09/22/2024 03:28	WG2367330
Ethylbenzene	U		0.000137	0.00100	1	09/22/2024 03:28	WG2367330
Total Xylenes	U		0.000174	0.00300	1	09/28/2024 12:41	WG2371739
(S) Toluene-d8	110			80.0-120		09/22/2024 03:28	WG2367330
(S) Toluene-d8	102			80.0-120		09/28/2024 12:41	WG2371739
(S) 4-Bromofluorobenzene	102			77.0-126		09/22/2024 03:28	WG2367330
(S) 4-Bromofluorobenzene	92.4			77.0-126		09/28/2024 12:41	WG2371739
(S) 1,2-Dichloroethane-d4	90.1			70.0-130		09/22/2024 03:28	WG2367330
(S) 1,2-Dichloroethane-d4	104			70.0-130		09/28/2024 12:41	WG2371739

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

Collected date/time: 09/17/24 09:37

L1779198

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	09/22/2024 22:43	WG2367589
Toluene	U		0.000278	0.00100	1	09/22/2024 22:43	WG2367589
Ethylbenzene	U		0.000137	0.00100	1	09/22/2024 22:43	WG2367589
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 22:43	WG2367589
(S) Toluene-d8	101			80.0-120		09/22/2024 22:43	WG2367589
(S) 4-Bromofluorobenzene	90.1			77.0-126		09/22/2024 22:43	WG2367589
(S) 1,2-Dichloroethane-d4	108			70.0-130		09/22/2024 22:43	WG2367589

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

Collected date/time: 09/17/24 12:15

L1779198

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	09/22/2024 23:04	WG2367589
Toluene	U		0.000278	0.00100	1	09/22/2024 23:04	WG2367589
Ethylbenzene	U		0.000137	0.00100	1	09/22/2024 23:04	WG2367589
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 23:04	WG2367589
(S) Toluene-d8	104			80.0-120		09/22/2024 23:04	WG2367589
(S) 4-Bromofluorobenzene	91.3			77.0-126		09/22/2024 23:04	WG2367589
(S) 1,2-Dichloroethane-d4	110			70.0-130		09/22/2024 23:04	WG2367589

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

Collected date/time: 09/17/24 12:32

L1779198

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00252		0.0000941	0.00100	1	09/22/2024 23:25	WG2367589
Toluene	U		0.000278	0.00100	1	09/22/2024 23:25	WG2367589
Ethylbenzene	0.000157	J	0.000137	0.00100	1	09/22/2024 23:25	WG2367589
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 23:25	WG2367589
(S) Toluene-d8	105			80.0-120		09/22/2024 23:25	WG2367589
(S) 4-Bromofluorobenzene	92.4			77.0-126		09/22/2024 23:25	WG2367589
(S) 1,2-Dichloroethane-d4	108			70.0-130		09/22/2024 23:25	WG2367589

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

Collected date/time: 09/17/24 12:06

L1779198

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	0.0167		0.0000941	0.00100	1	09/22/2024 23:46	WG2367589
Toluene	U		0.000278	0.00100	1	09/22/2024 23:46	WG2367589
Ethylbenzene	0.000557	J	0.000137	0.00100	1	09/22/2024 23:46	WG2367589
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 23:46	WG2367589
(S) Toluene-d8	104			80.0-120		09/22/2024 23:46	WG2367589
(S) 4-Bromofluorobenzene	94.9			77.0-126		09/22/2024 23:46	WG2367589
(S) 1,2-Dichloroethane-d4	105			70.0-130		09/22/2024 23:46	WG2367589

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

Collected date/time: 09/17/24 00:00

L1779198

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	0.0758		0.0000941	0.00100	1	09/23/2024 00:06	WG2367589
Toluene	U		0.000278	0.00100	1	09/23/2024 00:06	WG2367589
Ethylbenzene	U		0.000137	0.00100	1	09/23/2024 00:06	WG2367589
Total Xylenes	0.000609	J	0.000174	0.00300	1	09/23/2024 00:06	WG2367589
(S) Toluene-d8	110			80.0-120		09/23/2024 00:06	WG2367589
(S) 4-Bromofluorobenzene	96.6			77.0-126		09/23/2024 00:06	WG2367589
(S) 1,2-Dichloroethane-d4	100			70.0-130		09/23/2024 00:06	WG2367589

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

Collected date/time: 09/17/24 00:00

L1779198

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.105		0.0000941	0.00100	1	09/23/2024 00:27	WG2367589
Toluene	0.000472	J	0.000278	0.00100	1	09/23/2024 00:27	WG2367589
Ethylbenzene	0.0620		0.000137	0.00100	1	09/23/2024 00:27	WG2367589
Total Xylenes	0.0932		0.000174	0.00300	1	09/23/2024 00:27	WG2367589
(S) Toluene-d8	107			80.0-120		09/23/2024 00:27	WG2367589
(S) 4-Bromofluorobenzene	99.2			77.0-126		09/23/2024 00:27	WG2367589
(S) 1,2-Dichloroethane-d4	101			70.0-130		09/23/2024 00:27	WG2367589

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

Collected date/time: 09/17/24 14:13

L1779198

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.120		0.0000941	0.00100	1	09/23/2024 00:48	WG2367589
Toluene	0.000538	J	0.000278	0.00100	1	09/23/2024 00:48	WG2367589
Ethylbenzene	0.0675		0.000137	0.00100	1	09/23/2024 00:48	WG2367589
Total Xylenes	0.102		0.000174	0.00300	1	09/23/2024 00:48	WG2367589
(S) Toluene-d8	103			80.0-120		09/23/2024 00:48	WG2367589
(S) 4-Bromofluorobenzene	96.1			77.0-126		09/23/2024 00:48	WG2367589
(S) 1,2-Dichloroethane-d4	99.6			70.0-130		09/23/2024 00:48	WG2367589

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/17/24 00:00

L1779198

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	09/22/2024 20:37	WG2367589
Toluene	U		0.000278	0.00100	1	09/22/2024 20:37	WG2367589
Ethylbenzene	U		0.000137	0.00100	1	09/22/2024 20:37	WG2367589
Total Xylenes	U		0.000174	0.00300	1	09/22/2024 20:37	WG2367589
(S) Toluene-d8	104			80.0-120		09/22/2024 20:37	WG2367589
(S) 4-Bromofluorobenzene	89.9			77.0-126		09/22/2024 20:37	WG2367589
(S) 1,2-Dichloroethane-d4	106			70.0-130		09/22/2024 20:37	WG2367589

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

Collected date/time: 09/17/24 11:49

L1779198

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0473		0.0000941	0.00100	1	09/23/2024 01:09	WG2367589
Toluene	U		0.000278	0.00100	1	09/23/2024 01:09	WG2367589
Ethylbenzene	0.00623		0.000137	0.00100	1	09/23/2024 01:09	WG2367589
Total Xylenes	0.000434	J	0.000174	0.00300	1	09/23/2024 01:09	WG2367589
(S) Toluene-d8	103			80.0-120		09/23/2024 01:09	WG2367589
(S) 4-Bromofluorobenzene	94.9			77.0-126		09/23/2024 01:09	WG2367589
(S) 1,2-Dichloroethane-d4	101			70.0-130		09/23/2024 01:09	WG2367589

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

Collected date/time: 09/17/24 13:14

L1779198

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000858	J	0.0000941	0.00100	1	09/23/2024 01:30	WG2367589
Toluene	U		0.000278	0.00100	1	09/23/2024 01:30	WG2367589
Ethylbenzene	U		0.000137	0.00100	1	09/23/2024 01:30	WG2367589
Total Xylenes	U		0.000174	0.00300	1	09/23/2024 01:30	WG2367589
(S) Toluene-d8	105			80.0-120		09/23/2024 01:30	WG2367589
(S) 4-Bromofluorobenzene	94.1			77.0-126		09/23/2024 01:30	WG2367589
(S) 1,2-Dichloroethane-d4	104			70.0-130		09/23/2024 01:30	WG2367589

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

Collected date/time: 09/17/24 10:55

L1779198

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	09/23/2024 01:51	WG2367589
Toluene	U		0.000278	0.00100	1	09/23/2024 01:51	WG2367589
Ethylbenzene	U		0.000137	0.00100	1	09/23/2024 01:51	WG2367589
Total Xylenes	U		0.000174	0.00300	1	09/23/2024 01:51	WG2367589
(S) Toluene-d8	102			80.0-120		09/23/2024 01:51	WG2367589
(S) 4-Bromofluorobenzene	94.5			77.0-126		09/23/2024 01:51	WG2367589
(S) 1,2-Dichloroethane-d4	101			70.0-130		09/23/2024 01:51	WG2367589

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

[L1779198-01.02.03.04.05.06.07.08.09.10.11](#)

Method Blank (MB)

(MB) R4125583-3 09/21/24 21:47

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	106			80.0-120
(S) 4-Bromofluorobenzene	104			77.0-126
(S) 1,2-Dichloroethane-d4	94.7			70.0-130

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

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

(LCS) R4125583-1 09/21/24 20:38 • (LCSD) R4125583-2 09/21/24 21:01

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Benzene	0.00500	0.00524	0.00488	105	97.6	70.0-123			7.11	20
Toluene	0.00500	0.00477	0.00455	95.4	91.0	79.0-120			4.72	20
Ethylbenzene	0.00500	0.00483	0.00440	96.6	88.0	79.0-123			9.32	20
Total Xylenes	0.0150	0.0142	0.0133	94.7	88.7	79.0-123			6.55	20
(S) Toluene-d8				103	105	80.0-120				
(S) 4-Bromofluorobenzene				108	110	77.0-126				
(S) 1,2-Dichloroethane-d4				92.7	93.3	70.0-130				

7 Gl

8 Al

9 Sc

L1779072-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1779072-03 09/21/24 23:51 • (MS) R4125583-4 09/22/24 06:00 • (MSD) R4125583-5 09/22/24 06:23

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Benzene	0.00500	U	0.00695	0.00684	139	137	1	17.0-158			1.60	27
Toluene	0.00500	U	0.00983	0.00656	197	131	1	26.0-154	J5	J3	39.9	28
Ethylbenzene	0.00500	U	0.00689	0.00629	138	126	1	30.0-155			9.10	27
Total Xylenes	0.0150	U	0.0223	0.0184	149	123	1	29.0-154			19.2	28
(S) Toluene-d8					102	101		80.0-120				
(S) 4-Bromofluorobenzene					108	110		77.0-126				
(S) 1,2-Dichloroethane-d4					101	103		70.0-130				

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

[L1779198-12.13](#)

Method Blank (MB)

(MB) R4124095-2 09/21/24 22:49

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
(S) Toluene-d8	110			80.0-120
(S) 4-Bromofluorobenzene	103			77.0-126
(S) 1,2-Dichloroethane-d4	91.2			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4124095-1 09/21/24 22:07

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	mg/l	mg/l	%	%	
Benzene	0.00500	0.00502	100	70.0-123	
Toluene	0.00500	0.00584	117	79.0-120	
Ethylbenzene	0.00500	0.00587	117	79.0-123	
(S) Toluene-d8			110	80.0-120	
(S) 4-Bromofluorobenzene			104	77.0-126	
(S) 1,2-Dichloroethane-d4			90.9	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

[L1779198-14,15,16,17,18,19,20,21,22,23,24](#)

Method Blank (MB)

(MB) R4124395-3 09/22/24 19:23

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	103			80.0-120
(S) 4-Bromofluorobenzene	91.5			77.0-126
(S) 1,2-Dichloroethane-d4	104			70.0-130

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

(LCS) R4124395-1 09/22/24 18:00 • (LCSD) R4124395-2 09/22/24 18:21

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Benzene	0.00500	0.00543	0.00481	109	96.2	70.0-123			12.1	20
Toluene	0.00500	0.00537	0.00482	107	96.4	79.0-120			10.8	20
Ethylbenzene	0.00500	0.00505	0.00447	101	89.4	79.0-123			12.2	20
Total Xylenes	0.0150	0.0152	0.0135	101	90.0	79.0-123			11.8	20
(S) Toluene-d8				102	102	80.0-120				
(S) 4-Bromofluorobenzene				92.4	93.4	77.0-126				
(S) 1,2-Dichloroethane-d4				107	107	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

[L1779198-12.13](#)

Method Blank (MB)

(MB) R4127374-3 09/28/24 10:02

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Toluene	U		0.000278	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	103			80.0-120
(S) 4-Bromofluorobenzene	88.4			77.0-126
(S) 1,2-Dichloroethane-d4	101			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4127374-1 09/28/24 09:00

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	mg/l	mg/l	%	%	
Toluene	0.00500	0.00540	108	79.0-120	
Total Xylenes	0.0150	0.0158	105	79.0-123	
(S) Toluene-d8			102	80.0-120	
(S) 4-Bromofluorobenzene			93.5	77.0-126	
(S) 1,2-Dichloroethane-d4			100	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Guide to Reading and Understanding Your Laboratory Report

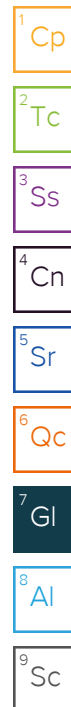
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

Abbreviations and Definitions

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

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.



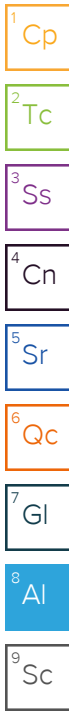
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122


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


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



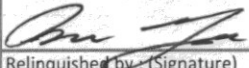
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

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



Company Name/Address: Phillips 66 - Tasman 2620 W. Marland Blvd Hobbs, NM 88240		Billing Information: Steve Weathers 370 17th St, Ste 2500 Denver, CO 80202		Analysis / Container / Preservative		Chain of Custody Page ___ of ___	
Report to: Brett Dennis		Email To: bdennis@tasman-geo.com; knorman@tasman-geo.com		Pres Chk		 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf	
Project Description: Former Hobbs Booster Station		City/State Collected:		Please Circle: PT MT CT ET			
Phone: 575-318-5017		Client Project #		Lab Project # DCPTASMAN-HOBBSBOOST			
Collected by (print): <i>Kendon Stark</i>		Site/Facility ID #		P.O. # 4301459778			
Collected by (signature): <i>Kendon Stark</i>		Rush? (Lab MUST Be Notified) Same Day _____ Five Day _____ Next Day _____ 5 Day (Rad Only) _____ Two Day _____ 10 Day (Rad Only) _____ Three Day _____		Quote #		SDG # UTP198 A086	
Packed on Ice N ___ Y <input checked="" type="checkbox"/>		Date Results Needed		No. of Cntrs		Acctnum: DCPTASMAN Template: T204591 Prelogin: P1101079 PM: 824 - Chris Ward PB: 9-10-24BK	
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time	Shipped Via: FedEX Ground
MW-1			GW				Remarks
MW-2			GW				Sample # (lab only)
MW-3		Grab	GW	NA	9/17/24	09:07	3 X
MW-5R			GW			07:56	3 X
MW-6			GW				
MW-7R			GW			08:26	3 X
MW-9			GW				
MW-10			GW				
MW-12			GW				
MW-14			GW			13:39	3 X
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks:		pH _____ Temp _____ Flow _____ Other _____		Sample Receipt Checklist COC Seal Present/Intact: NP <input checked="" type="checkbox"/> N COC Signed/Accurate: <input checked="" type="checkbox"/> N Bottles arrive intact: <input checked="" type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> N Sufficient volume sent: <input checked="" type="checkbox"/> N If Applicable VOA Zero Headspace: <input checked="" type="checkbox"/> N Preservation Correct/Checked: <input checked="" type="checkbox"/> Y N RAD Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y N	
Relinquished by: (Signature) <i>Kendon Stark</i>		Date: 9/17/24	Time: 14:46	Tracking # 410291732463		Trip Blank Received: Yes/No 1 <input checked="" type="checkbox"/> MeOH TBR	
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Temp: 71.1°C 3.163=34 Bottles Received: 69	
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature) <i>Denny</i>		Date: 9.18.24	Time: 0900
						Hold:	Condition: NCF <input checked="" type="checkbox"/> OK

Company Name/Address: Phillips 66 - Tasman 2620 W. Marland Blvd Hobbs, NM 88240		Billing Information: Steve Weathers 370 17th St, Ste 2500 Denver, CO 80202		Analysis / Container / Preservative		Chain of Custody Page ___ of ___	
Report to: Brett Dennis		Email To: bdennis@tasman-geo.com ; knorman@tasman-geo.com		Pres Chk		 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf	
Project Description: Former Hobbs Booster Station		City/State Collected:		Please Circle: PT MT CT ET			
Phone: 575-318-5017		Client Project #		Lab Project # DCPTASMAN-HOBBSBOOST		SDG # U779198	
Collected by (print): <i>Oscar Garcia</i>		Site/Facility ID #		P.O. # 4301459778		Table #	
Collected by (signature): <i>[Signature]</i>		Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day		Quote #		Acctnum: DCPTASMAN	
Immediately Packed on Ice N ___ Y ___		Date Results Needed		No. of Cntrs		Template: T204591	
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time	Remarks Sample # (lab only)
MW-15		Grab	GW	N/A	9/17/24	9:22	3 X -05
MW-16		Grab	GW	N/A	9/17/24	8:54	3 X -06
MW-17		Grab	GW	N/A	9/17/24	10:27	3 X -07
MW-18			GW			10:08	3 X -08
MW-19			GW			11:05	3 X -09
MW-19D			GW			11:27	3 X -10
MW-20			GW				
MW-21			GW			0952	3 -11
MW-22			GW				
MW-23			GW			1328	3 -12
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks:		pH _____ Temp _____ Flow _____ Other _____		Sample Receipt Checklist COC Seal Present/Intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If Applicable VOA Zero Headspace: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Preservation Correct/Checked: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N RAD Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Relinquished by: (Signature) <i>[Signature]</i>		Date: 9/17/24	Time: 14:46	Received by: (Signature)		Trip Blank Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No HCL / MeOH TBR	
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Temp: TLAPC 3.16.3.34 69 Bottles Received: 69	
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>		Date: 9.18.24 Time: 0900 Hold: <input checked="" type="checkbox"/> OK	

Company Name/Address: Phillips 66 - Tasman 2620 W. Marland Blvd Hobbs, NM 88240		Billing Information: Steve Weathers 370 17th St, Ste 2500 Denver, CO 80202		Pres Chk		Analysis / Container / Preservative						Chain of Custody Page <u> </u> of <u> </u>					
Report to: Brett Dennis		Email To: bdennis@tasman-geo.com; knorman@tasman-geo.com										 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf					
Project Description: Former Hobbs Booster Station		City/State Collected:		Please Circle: PT MT CT ET													
Phone: 575-318-5017		Client Project #		Lab Project # DCPTASMAN-HOBBSBOOST		V8260BTEX 40mlAmb-HCl						SDG # L779198					
Collected by (print): Oscar Garcia		Site/Facility ID #		P.O. # 4301459778								Table #					
Collected by (signature): 		Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day		Quote #								Date Results Needed		Acctnum: DCPTASMAN Template: T204591 Prelogin: P1101079 PM: 824 - Chris Ward PB: 9-10 24 BK			
Immediately Packed on Ice N <input type="checkbox"/> Y <input type="checkbox"/>												No. of Cntrs		Shipped Via: FedEX Ground			
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs						Remarks	Sample # (lab only)				
MW-24	Grab	GW	N/A	9/17/24	9:30	3	X							-13			
MW-25	Grab	GW	N/A	9/17/24	9:37	3	X							-14			
MW-27	↓	GW	↓	↓	12:15	3	X							-15			
MW-28		GW			12:32	3	X							-16			
MW-29		GW			12:06	3	X							-17			
DUPLICATE 1		GW				3	X							-18			
DUPLICATE 2		GW				3	X							-19			
MW-26		GW				3	X	14:13									-20
TRIP BLANK		GW				1											-21
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks:		pH _____ Temp _____ Flow _____ Other _____				Sample Receipt Checklist COC Seal Present/Intact: <input type="checkbox"/> NP <input checked="" type="checkbox"/> N COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If Applicable VOA Zero Headspace: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Preservation Correct/Checked: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N RAD Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N									
Relinquished by: (Signature) 		Date: 9/17/24		Time: 14:46		Received by: (Signature)		Trip Blank Received: <input checked="" type="checkbox"/> Yes / No HCL / MeOH TBR		Bottles Received: 69		If preservation required by Login: Date/Time					
Relinquished by: (Signature)		Date:		Time:		Received for lab by: (Signature) Dennis		Date: 9.18.24		Time: 0900		Hold: Condition: NCF / OK					



9/19-NCF-L1779198 DCPTASMAN

R5

Time estimate: oh

Time spent: oh

Members

-  Hailey Robertson (responsible)
-  CW Chris Ward

Due on 23 September 2024 8:00 AM for target Done

- Login Clarification needed
- Chain of custody is incomplete
- Please specify Metals requested
- Please specify TCLP requested
- Received additional samples not listed on COC
- Sample IDs on containers do not match IDs on COC
- Client did not "X" analysis
- Chain of Custody is missing
- If no COC: Received by: _____
- If no COC: Date/Time: _____
- If no COC: Temp./Cont.Rec./pH: _____
- If no COC: Carrier: _____
- If no COC: Tracking #: _____
- Client informed by call
- Client informed by Email
- Client informed by Voicemail
- Date/Time: _____
- PM initials: _____
- Client Contact: _____

Comments

- Hailey Robertson* *19 September 2024 8:41 AM*

Did not received ID: MW-22
- Chris Ward* *23 September 2024 11:34 AM*

MW-22 not sampled, please proceed without it
- Hailey Robertson* *24 September 2024 8:05 AM*

Done

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 447310

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 447310
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Report accepted for record.	3/11/2026
amaxwell	Continue operation, monitoring, and maintenance of the south Air Sparge system	3/11/2026
amaxwell	Assess other remedial strategies, enhanced fluid recovery (EFR) events will be implemented to recover LNAPL, dissolved phase hydrocarbons, and soil vapor from select recovery wells from the interior of the LNAPL plume.	3/11/2026
amaxwell	Regularly inspect and empty passive LNAPL bailers in monitor wells MW-12 and MW-9 to increase recovery of LNAPL	3/11/2026
amaxwell	Ivey-Sol Surfactant Enhanced LNAPL Remediation Pilot Test work plan was rejected. OCD is rejected the submitted work plan to allow for the OCD UIC group to review the proposal to inject. UIC provides the required permit for injection of chemicals for remedial purposes. Please follow up with Phillip Goetze at phillip.goetze@emnrd.nm.gov for assistance. If OCD UIC approves injection, please attach approval documentation and resubmit the report.	3/11/2026