REVIEWED
By Mike Buchanan at 9:27 am, Jul 08, 2024

2023 Groundwater Monitoring Summary Report

RR Extension Pipeline Release
Lea County, New Mexico
AP #55
Incident # nPAC0711749522

Review of the 2023 Groundwater Monitoring Summar Report for RR Extension Pipeline Release: content satisfactory
1. Continue to conduct quarterly groundwater monitoring at the site for BTEX.
2. Continue to sample groundwater for chlorides on a semi-annual basis until all wells demonstrate below the WQCC standard, then transition back to quarterly until eight (8) consecutive quarters is achieved below the standard for chloride.
3. Sampling analysis for chloride may not be suspended as there are no past incidents close enough to the vicinity of this pipeline release to have contributed to chlorides and there have not been background monitoring wells established for the release.
4. Please continue to conduct quarterly EFR/AS events at the site as accumulation permits for collection and removal.
5. Please submit the 2024 groundwater monitoring summary report by April 1, 2025.

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Table of Contents

1. Introduction

This report summarizes the groundwater monitoring and remediation activities conducted during 2023 at the RR-Extension pipeline release (Site) in Lea County, New Mexico (Figure 1). Tasman Geosciences (Tasman) performed these activities on behalf of DCP Midstream, LP (DCP). The field activities were conducted with the purpose of monitoring groundwater flow and quality conditions as well as assessing the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons in the Site subsurface and performing groundwater remediation. Current Site conditions were evaluated from field data and analytical laboratory results collected during the reporting period on March 20, June, 26, September 21, and December 11, 2023.

2. Site Location and Background

The Site is located in the northeastern quarter of the northwestern quarter (Unit C) of Section 19, Township 20 South, Range 37 East (approximate coordinates 32.562339 degrees north and 103.291739 degrees west). It is approximately 4.25 miles south of the intersection of US Highway 322 and County Road 41. The area is sparsely populated, and land use is primarily associated with livestock grazing and oil and gas production and gathering.

Based on information included in historical Site investigation reports, a natural gas condensate release of approximately 30 barrels (bbls) was reported on December 13, 2006 (Assigned Site Reference #130040). Subsequent to preliminary investigation and characterization activities, an excavation was conducted at the Site (November 10, 2008, to December 7, 2008) whereby approximately 11,356 cubic yards of impacted material was removed. The excavation extended to approximately 20 feet below ground surface (bgs) over a surface area of approximately 14,800 square feet. Backfill material was placed into the excavation and surface restoration was completed on January 12, 2009. These activities are described within the document *Closure Report – RR Extension Release Site* dated February 2009 prepared by Environmental Plus, Inc.

LNAPL has historically been identified immediately above the water table at a depth of approximately 30-feet bgs within monitoring well locations to the south and east of the original release and excavation limits. However, since the first quarter 2015 monitoring event, LNAPL has not been observed at any of the Site monitoring wells. Investigation activities conducted at the Site include installation of groundwater monitoring wells and excavation during the time periods listed below:

- MW-1 through MW-5: Installed March 2008.
- MW-6 through MW-8: Installed June 2008.
- Excavation and Backfill: Initiated – November 10, 2008; Completed – January 12, 2009.
- MW-9 through MW-12: Installed June 2010.
- MW-13 through MW-16: Installed January 2011.

Ongoing monitoring and sampling of the Site wells listed above has been conducted on a quarterly basis following installation.

Boring logs for the monitoring wells at the Site indicate that the subsurface geology is typical of unconsolidated fine-grained sand, silt, and clay sediments.

On April 27, 2017, on behalf of DCP, Tasman issued the *Request to Remove Chlorides from Groundwater Sampling Suite* request letter to the New Mexico Energy, Minerals, and Natural Resources Department (EMNRD) – Oil Conservation Division (NMOCD), to remove chloride analysis from the groundwater sampling requirements designated for the Site. As further detailed in the referenced request letter, basis for discontinuing chloride analysis was primarily supported by background concentrations present in groundwater at the Site, as well as chlorides not being associated with DCP gathering systems. DCP is currently awaiting written approval of the referenced request, however, the NMOCD did provide verbal approval following an associated discussion held on April 27, 2017, to reduce the frequency for sampling of chlorides from a quarterly schedule to a semi-annual sampling schedule, to be completed during the first and third quarter events of each calendar year starting March 2018. However, chlorides were inadvertently not sampled during the third quarter 2022 and were incorporated into the fourth quarter 2022 analyte list.

3. Groundwater Monitoring

This section describes the field and laboratory activities performed during the 2023 groundwater monitoring events. Quarterly monitoring activities were conducted on March 20, June, 26, September 21, and December 11, 2023 and included Site-wide groundwater gauging and groundwater sampling. All Site wells were gauged and monitored throughout 2023. Figure 2 illustrates the groundwater monitoring network utilized to perform these activities at the Site.

3.1 Groundwater and LNAPL Elevation Monitoring

Groundwater levels were measured in order to evaluate hydraulic characteristics and provide information regarding seasonal fluctuations in groundwater elevations at the Site. During each of the four quarters of 2023, groundwater levels were measured at 16 monitoring well locations. Measurable LNAPL thicknesses was not observed during these monitoring events and have not been observed at the Site since the first quarter 2015. The presence of LNAPL will continue to be monitored in future groundwater sampling events, and historical LNAPL thicknesses have been provided in previous quarterly reports.

Groundwater levels were measured on the north side of the well casing to the nearest 0.01-foot using an oil-water interface probe (IP). Groundwater level data were later converted to elevation (feet above mean sea level [AMSL]). Measured groundwater levels and calculated groundwater elevations for the 2023 monitoring period are presented in Table 1.

Groundwater elevation contour maps, included as Figures 3 through 6, indicates that groundwater flow at the Site generally trends to the southeast. The range of groundwater elevations, average elevation

changes from the previous monitoring event, and the calculated average hydraulic gradient (using elevations from MW-13 and MW-6) at the Site are summarized in the table below.

Summary of Measured Hydraulic Parameters

Quarter	1st	2nd	3rd	4th
Maximum Elevation (Well ID)	3505.42 (MW-13)	3505.40 (MW-13)	3504.95 (MW-13)	3505.01 (MW-8)
Minimum Elevation (Well ID)	3504.73 (MW-6)	3504.74 (MW-6)	3504.73 (MW-6)	3504.31 (MW-6)
Potentiometric Surface Average Change	0.22	-0.04	-0.50	0.10
Hydraulic Gradient (ft/ft)	0.00286	0.00274	0.000913	0.00291

3.2 Groundwater Quality Monitoring

Subsequent to recording groundwater level measurements at each monitoring well, groundwater samples were collected from each of the 16 monitoring wells, excluding monitor well MW-11, using disposable polyethylene bailers. Monitor well MW-11 was dry for the entirety of the 2023 monitoring period. Monitor well MW-3 did not contain sufficient volume for sample collection during the first quarter monitoring event.

A minimum of three well casing volumes of groundwater were purged from each monitoring well prior to collecting groundwater samples. Groundwater samples were placed in clean laboratory supplied containers for the selected analytical methods, packed in an ice-filled cooler and maintained at approximately four (4) degrees Celsius (°C) for transportation to the laboratory. Groundwater samples were then shipped under chain-of-custody procedures to Pace Analytical laboratory (Pace) in Mount Juliet, Tennessee, for analysis.

Water quality samples were submitted for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) by United States Environmental Protection Agency (USEPA) Method 8260B for samples collected during 2023.

Appropriate sample containers for chloride analysis were provided by the laboratory during the first and third quarters of 2023 groundwater monitoring events. The collected water quality samples were analyzed for chlorides by EPA Method 9056A.

Table 2 summarizes BTEX and chloride concentrations in groundwater samples collected during the reporting period. Historical analytical results up to and including the fourth quarter 2023 event are included in Appendix A, and the laboratory analytical reports for 2023 are included in Appendix B.

Analytical results are also displayed on Figure 4 and NMOCD sampling notifications are provided in Appendix C.

3.2.1 First Quarter Data Evaluation

First quarter 2023 field observations and analytical results for samples collected from monitor wells located at the Site:

- Benzene Concentrations in groundwater samples from monitor wells MW-2 (0.0588 milligrams per liter [mg/L]), MW-4 (0.0158 mg/L), MW-9 (0.0875 mg/L), and MW-10 (0.0136 mg/L) were detected above the New Mexico Water Quality Control Commission (NMWQCC) standard of 0.010 mg/L.
- Toluene, ethylbenzene, and total xylenes were not detected above the New Mexico Water Quality Control Commission (NMWQCC) standards in any of the sampled Site monitoring wells.
- Chloride concentrations were detected above the NMWQCC secondary maximum contaminant level (MCL) guideline of 250 mg/L at each of the sampled monitoring well locations with the exception of monitor well MW-4. Detected concentrations of chlorides ranged from 180 mg/L in monitor well MW-4 to 628 mg/L in monitor well MW-8.

3.2.2 Second Quarter Data Evaluation

Second quarter 2023 field observations and analytical results for samples collect from monitor wells located at the Site:

- Benzene Concentrations in groundwater samples from monitor wells MW-3 (0.0834 mg/L), and MW-9 (0.0166 mg/L) were detected above the New Mexico Water Quality Control Commission (NMWQCC) standard of 0.010 mg/L.
- Toluene, ethylbenzene, and total xylenes were not detected above the New Mexico Water Quality Control Commission (NMWQCC) standards in any of the sampled Site monitoring wells.

3.2.2 Third Quarter Data Evaluation

Third quarter 2023 field observations and analytical results for samples collect from monitor wells located at the Site:

- Benzene Concentrations in groundwater samples from monitor wells MW-3 (0.0180 mg/L), and MW-9 (0.0586 mg/L) were detected above the New Mexico Water Quality Control Commission (NMWQCC) standard of 0.010 mg/L.
- Toluene, ethylbenzene, and total xylenes were not detected above the New Mexico Water Quality Control Commission (NMWQCC) standards in any of the sampled Site monitoring wells.
- Chloride concentrations were detected above the NMWQCC secondary maximum contaminant level (MCL) guideline of 250 mg/L at each of the sampled monitoring well locations with the

exception of monitor well MW-4. Detected concentrations of chlorides ranged from 211 mg/L in monitor well MW-4 to 858 mg/L in monitor well MW-8.

3.2.2 4th Quarter Data Evaluation

Fourth quarter 2023 field observations and analytical results for samples collect from monitor wells located at the Site:

- Benzene, toluene, ethylbenzene, and total xylene concentrations in groundwater samples from all monitor wells were reported below NMWQCC standards.

3.3 Data Quality Assurance / Quality Control

A trip blank and field duplicate sample were collected during all four quarters of 2023. First, second, and fourth quarters, Duplicates were collected from monitor well MW-5 and during third quarter, the duplicate was collected from monitor well MW-9. 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.

QA/QC items of note for the fourth quarter 2022 include the following:

- Target analytes were not detected in the trip blank.
- The parent and duplicate samples collected from MW-5 and MW-9, summarized below were outside of the target relative percent difference (RPD) of 20 percent in the samples collected during the third and fourth quarters. Review of the laboratory quality control summary shows that data is acceptable.

Quarter	Monitor Well	Parent Sample (mg/L)	Duplicate Sample (mg/L)	RPD
1st	MW-5	0.00304	0.00289 J	5.1%
2nd	MW-5	<0.00100	0.000272 J	NA
3rd	MW-9	0.0586	0.0317	59.6%
4th	MW-5	0.0000981 J	0.000234 J	81.8%

- Subsequent to collection of groundwater samples throughout 2023, the sample transport coolers were properly packaged with ice and shipped to Pace laboratory in Mount Juliet, Tennessee with priority overnight shipping. All coolers were received within laboratory temperature specifications as well as Chain of Custody (COC) forms properly executed.

Based on the data review, the QA/QC assessment indicates that overall data precision and accuracy are within acceptable limits.

4. Remediation Activities

Mobile vacuum enhanced fluid recovery (EFR) and air sparge (AS) remediation events were conducted during the reporting period. AS remediation activities were initiated in conjunction with EFR as described in the following section to address residual dissolved phase BTEX concentrations at the Site.

4.1 Vacuum Enhanced Fluid Recovery and Air Sparge Remediation

Following a hiatus in EFR/AS events at the beginning of 2020, quarterly EFR/AS efforts were resumed during the third quarter 2020 and have continued on a quarterly basis through fourth quarter 2023.

Mobile EFR/AS events were conducted at the Site on March 20, June 26, September 21, and December 11, 2023, which included application of high vacuum (using a vacuum truck) and compressed air (using a portable air compressor) to individual well points through EFR and AS downhole stinger pipe/tube assemblies. At the wells where EFR/AS was being conducted, the stinger pipe was placed slightly below the groundwater level, thereby removing impacted groundwater and vapors from the subsurface.

Prior to conducting EFR/AS activities, depth to water measurements were collected at monitoring wells that have historically contained LNAPL and/or the highest dissolved phase benzene concentrations (MW-3, MW-4, MW-9, and MW-10). LNAPL was not detected in any of the Site monitoring wells during 2023 EFR events.

On March 20, June, 26, September 21, and December 11, 2023, EFR was applied simultaneously to monitoring wells MW-4 and MW-10 for an approximate 8-hour period, which produced approximately 237 barrels (bbls) of groundwater. The recovered groundwater was transported for disposal at the Cooper Disposal Facility in Hobbs, New Mexico.

AS was applied simultaneously to well locations MW-3 and MW-9 on March 20, June, 26, September 21, and December 11, 2023, via a removable stinger assembly to enable sparge air to be introduced into the well column and formation below the water table. During the event, AS was applied to the wells for approximately 8-hours with a continuous average pressure of 30 pounds per square inch (psi) and a continuous flow of 22 – 25 cubic feet per minute (cfm).

5. Conclusions

Comparison of 2023 monitoring data and historical information provides the following general observations:

- The groundwater elevation beneath the Site has remained relatively stable with minor seasonal and annual fluctuations since monitoring was initiated in 2008.
- Measurable amounts of LNAPL were not observed in any of the Site monitoring wells during 2023. LNAPL has not been observed at the Site since the first quarter 2015.
- Benzene concentrations reported in monitor wells MW-2, MW-3, MW-4, MW-9, and MW-10 appear to be trending downward over the course of 2023. Monitor well MW-2 historically has had high concentrations of Benzene, was below the NMWQCC standards for three consecutive quarters. Monitor well MW-4 has had historically fluctuating levels of benzene and was below NMWQCC standards for three consecutive quarters.
- Toluene, ethylbenzene, and total xylene levels were not observed above the NMWQCC standards in any of the Site monitoring well locations.
- EFR/AS events appear to be effective at reducing concentrations of dissolved phase hydrocarbons across the site.
- Chloride concentrations remain consistent throughout the monitor well network. Indicative of local background concentrations.

6. Recommendations

Based on evaluation of data from 2023 and historical Site observations and monitoring results, recommendations for future activities include:

- Continue quarterly groundwater monitoring and sampling for BTEX at the monitoring well locations illustrated on Figure 2.
- Continue semi-annual sampling activities for chloride analysis to be conducted during the first (March) and third (September) quarter sampling events each calendar year.
- Discontinue analysis of chloride from samples collected across the monitor well network during all future monitoring events.
- Continue quarterly EFR/AS events at the site as needed during the 2024 calendar year.

Tables

TABLE 1
2023 ANNUAL
SUMMARY OF GROUNDWATER ELEVATION DATA
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location	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	03/20/2023	29.32			38.37	3534.57	3505.25	0.26
MW-1	06/26/2023	29.35			38.37	3534.57	3505.22	-0.03
MW-1	09/21/2023	29.82			38.37	3534.57	3504.75	-0.47
MW-1	12/11/2023	29.71			38.37	3534.57	3504.86	0.11
MW-2	03/20/2023	29.93			39.58	3535.18	3505.25	0.26
MW-2	06/26/2023	30.02			39.58	3535.18	3505.16	-0.09
MW-2	09/21/2023	30.47			39.58	3535.18	3504.71	-0.45
MW-2	12/11/2023	30.40			39.58	3535.18	3504.78	0.07
MW-3	03/20/2023	31.33			39.87	3536.57	3505.24	0.20
MW-3	06/26/2023	31.37			39.87	3536.57	3505.20	-0.04
MW-3	09/21/2023	31.82			39.87	3536.57	3504.75	-0.45
MW-3	12/11/2023	31.75			39.87	3536.57	3504.82	0.07
MW-4	03/20/2023	30.35			39.39	3535.20	3504.85	0.22
MW-4	06/26/2023	30.37			39.39	3535.20	3504.83	-0.02
MW-4	09/21/2023	30.86			39.39	3535.20	3504.34	-0.49
MW-4	12/11/2023	30.80			39.39	3535.20	3504.40	0.06
MW-5	03/20/2023	31.06			39.83	3535.92	3504.86	0.22
MW-5	06/26/2023	31.06			39.83	3535.92	3504.86	0.00
MW-5	09/21/2023	31.53			39.83	3535.92	3504.39	-0.47
MW-5	12/11/2023	31.49			39.83	3535.92	3504.43	0.04
MW-6	03/20/2023	31.43			36.97	3536.16	3504.73	0.22
MW-6	06/26/2023	31.42			36.97	3536.16	3504.74	0.01
MW-6	09/21/2023	31.88			36.97	3536.16	3504.28	-0.46
MW-6	12/11/2023	31.85			36.97	3536.16	3504.31	0.03
MW-7	03/20/2023	32.15			38.27	3537.09	3504.94	0.21
MW-7	06/26/2023	32.15			38.27	3537.09	3504.94	0.00
MW-7	09/21/2023	32.59			38.27	3537.09	3504.50	-0.44
MW-7	12/11/2023	32.55			38.27	3537.09	3504.54	0.04
MW-8	03/20/2023	31.05			38.54	3536.41	3505.36	0.20
MW-8	06/26/2023	31.08			38.54	3536.41	3505.33	-0.03
MW-8	09/21/2023	32.59			38.27	3536.41	3503.82	-1.51
MW-8	12/11/2023	31.40			38.27	3536.41	3505.01	1.19
MW-9	03/20/2023	29.17			36.82	3534.20	3505.03	-0.03
MW-9	06/26/2023	29.12			36.82	3534.20	3505.08	0.05
MW-9	09/21/2023	29.41			36.82	3534.20	3504.79	-0.29
MW-9	12/11/2023	29.33			36.82	3534.20	3504.87	0.08
MW-10	03/20/2023	29.17			40.24	3534.21	3505.04	0.24
MW-10	06/26/2023	29.16			40.24	3534.21	3505.05	0.01
MW-10	09/21/2023	29.67			40.24	3534.21	3504.54	-0.51
MW-10	12/11/2023	29.61			40.24	3534.21	3504.60	0.06
MW-11	03/20/2023	DRY				3536.19	NA	NA
MW-11	06/26/2023	DRY				3536.19	NA	NA
MW-11	09/21/2023	DRY				3536.19	NA	NA
MW-11	12/11/2023	DRY				3536.19	NA	NA
MW-12	03/20/2023	29.55			33.89	3534.47	3504.92	0.22
MW-12	06/26/2023	29.54			33.89	3534.47	3504.93	0.01
MW-12	09/21/2023	30.04			33.89	3534.47	3504.43	-0.50
MW-12	12/11/2023	30.00			33.89	3534.47	3504.47	0.04
MW-13	03/20/2023	30.66			37.87	3536.08	3505.42	0.19
MW-13	06/26/2023	30.68			37.87	3536.08	3505.40	-0.02
MW-13	09/21/2023	31.13			37.87	3536.08	3504.95	-0.45
MW-13	12/11/2023	31.50			37.87	3536.08	3504.58	-0.37
MW-14	03/20/2023	29.77			40.54	3534.96	3505.19	0.22
MW-14	06/26/2023	29.76			40.54	3534.96	3505.20	0.01
MW-14	09/21/2023	30.29			40.54	3534.96	3504.67	-0.53
MW-14	12/11/2023	30.18			40.54	3534.96	3504.78	0.11
MW-15	03/20/2023	29.53			35.48	3534.90	3505.37	0.64

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RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location	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-15	06/26/2023	29.94			35.48	3534.90	3504.96	-0.41
MW-15	09/21/2023	30.45			35.48	3534.90	3504.45	-0.51
MW-15	12/11/2023	30.39			35.48	3534.90	3504.51	0.06
MW-16	03/20/2023	28.79			41.82	3533.68	3504.89	0.25
MW-16	06/26/2023	28.80			41.82	3533.68	3504.88	-0.01
MW-16	09/21/2023	29.33			41.82	3533.68	3504.35	-0.53
MW-16	12/11/2023	29.27			41.82	3533.68	3504.41	0.06
							Average change in groundwater elevation (9/20/2022 to 6/26/23	-0.04

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 was corrected for product thickness using the following calculation, when applicable:
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 NC = Not Calculated

TABLE 2
2023 ANNUAL
SUMMARY OF BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.010	1.00	0.70	0.62	250	
MW-1	03/20/2023	0.000201 J	<0.00100	0.000353 J	0.000539 J	560	
MW-1	06/26/2023	0.000360 J	<0.00100	0.000407 J	0.000343 J	NA	
MW-1	09/21/2023	0.000345 J	<0.00100	0.000507 J	0.000590 J	625	
MW-1	12/11/2023	0.000270 J	<0.00100	0.000510 J	0.000460 J	NA	
MW-2	03/20/2023	0.0588	<0.00100	0.00421	0.00389	368	
MW-2	06/26/2023	0.000191	<0.00100	<0.00100	<0.00300	NA	
MW-2	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	458	
MW-2	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-3	03/20/2023	NS - Not enough volume					
MW-3	06/26/2023	0.0834	<0.00100	0.0217	0.0987	NA	
MW-3	09/21/2023	0.0180	<0.00100	0.0048	0.0366	437	
MW-3	12/11/2023	0.00310	0.000920 J	0.00159	0.00465	NA	
MW-4	03/20/2023	0.0158	<0.00100	0.0336	0.0435	180	
MW-4	06/26/2023	0.00111	<0.00100	0.00178	0.00219 J	NA	
MW-4	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	211	
MW-4	12/11/2023	0.000240 J	<0.00100	0.000530 J	0.000620 J	NA	
MW-5	03/20/2023	0.00304	<0.00100	0.014	0.00682	424	Duplicate Sample Collected
MW-5 (Duplicate)	03/20/2023	0.00289 J	<0.00100	0.0133	0.00578 J	428	
MW-5	06/26/2023	<0.00100	<0.00100	0.000401 J	0.000187 J	NA	Duplicate Sample Collected
MW-5 (Duplicate)	06/26/2023	0.000272 J	<0.00100	0.0037	0.00175 J	NA	
MW-5	09/21/2023	0.000175 J	<0.00100	0.00226	0.000947 J	427	
MW-5	12/11/2023	0.0000981 J	<0.00100	0.000871 J	0.000238 J	NA	Duplicate 1 Sample Collected
MW-5 (Duplicate 1)	12/11/2023	0.000234 J	<0.00100	0.00201	0.000473 J	NA	
MW-6	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	356	
MW-6	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-6	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	367	
MW-6	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-7	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	368	
MW-7	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-7	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	408	
MW-7	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-8	03/20/2023	0.0000944 J	<0.00100	<0.00100	<0.00300	628	
MW-8	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-8	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	858	
MW-8	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-9	03/20/2023	0.0875	<0.00100	0.000353 J	0.000382 J	410	
MW-9	06/26/2023	0.0166	<0.00100	<0.00100	0.000381 J	NA	
MW-9	09/21/2023	0.0586	<0.00100	0.000228 J	0.00204 J	399	Duplicate Sample Collected
MW-9 (Duplicate)	09/21/2023	0.0317	<0.00100	<0.00100	0.00102 J	432	
MW-9	12/11/2023	0.00968	<0.00100	0.000228 J	0.00204 J	NA	
MW-10	03/20/2023	0.0136	<0.00100	0.000373 J	<0.00300	446	
MW-10	06/26/2023	0.00123	<0.00100	<0.00100	<0.00300	NA	
MW-10	09/21/2023	0.00136	<0.00100	<0.00100	<0.00300	412	
MW-10	12/11/2023	0.000575 J	<0.00100	<0.00100	<0.00300	NA	
MW-11	03/20/2023	NS - DRY					
MW-11	06/26/2023	NS - DRY					
MW-11	09/21/2023	NS - DRY					
MW-11	12/11/2023	NS - DRY					
MW-12	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	414	
MW-12	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	

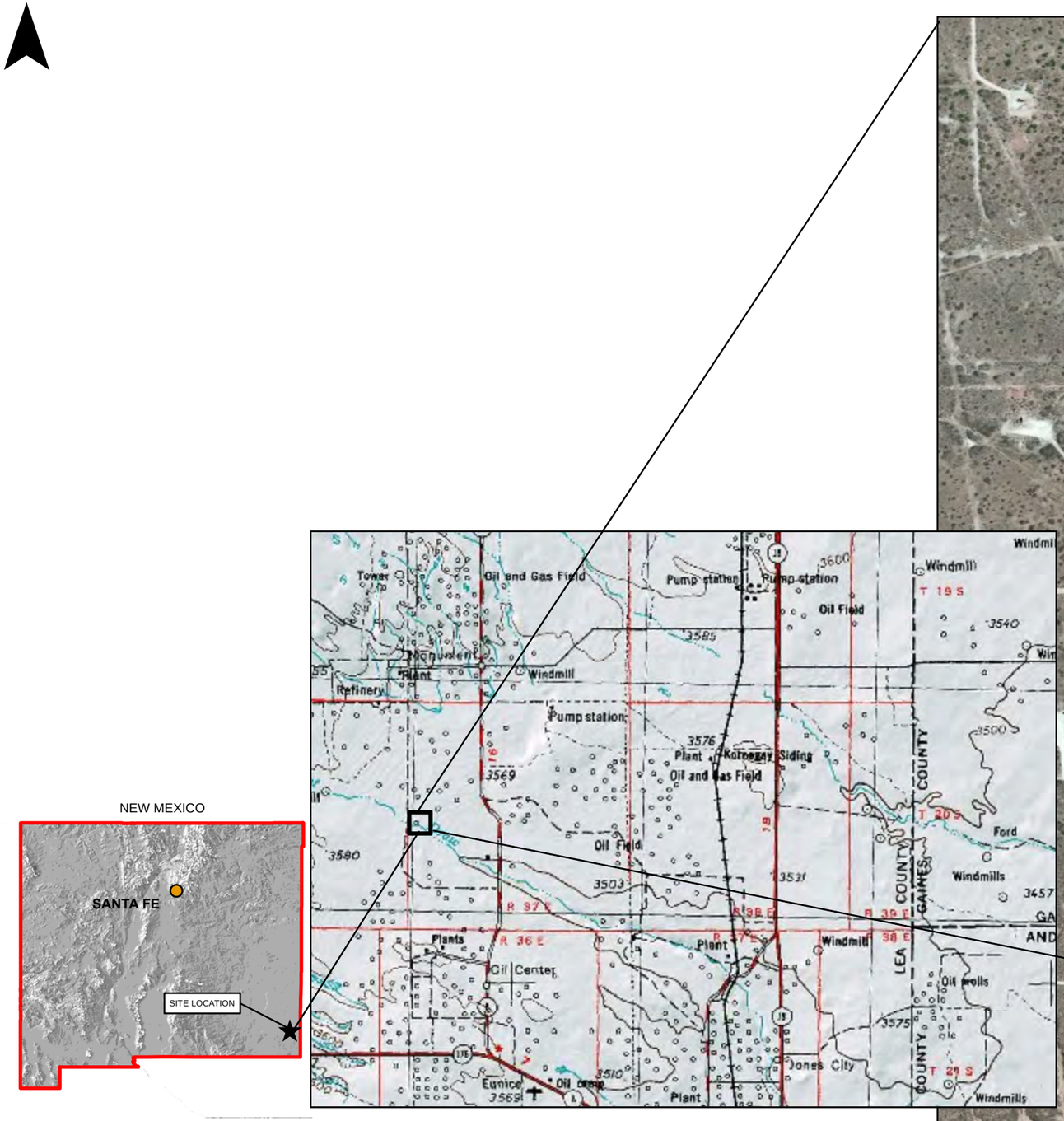
TABLE 2
2023 ANNUAL
SUMMARY OF BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

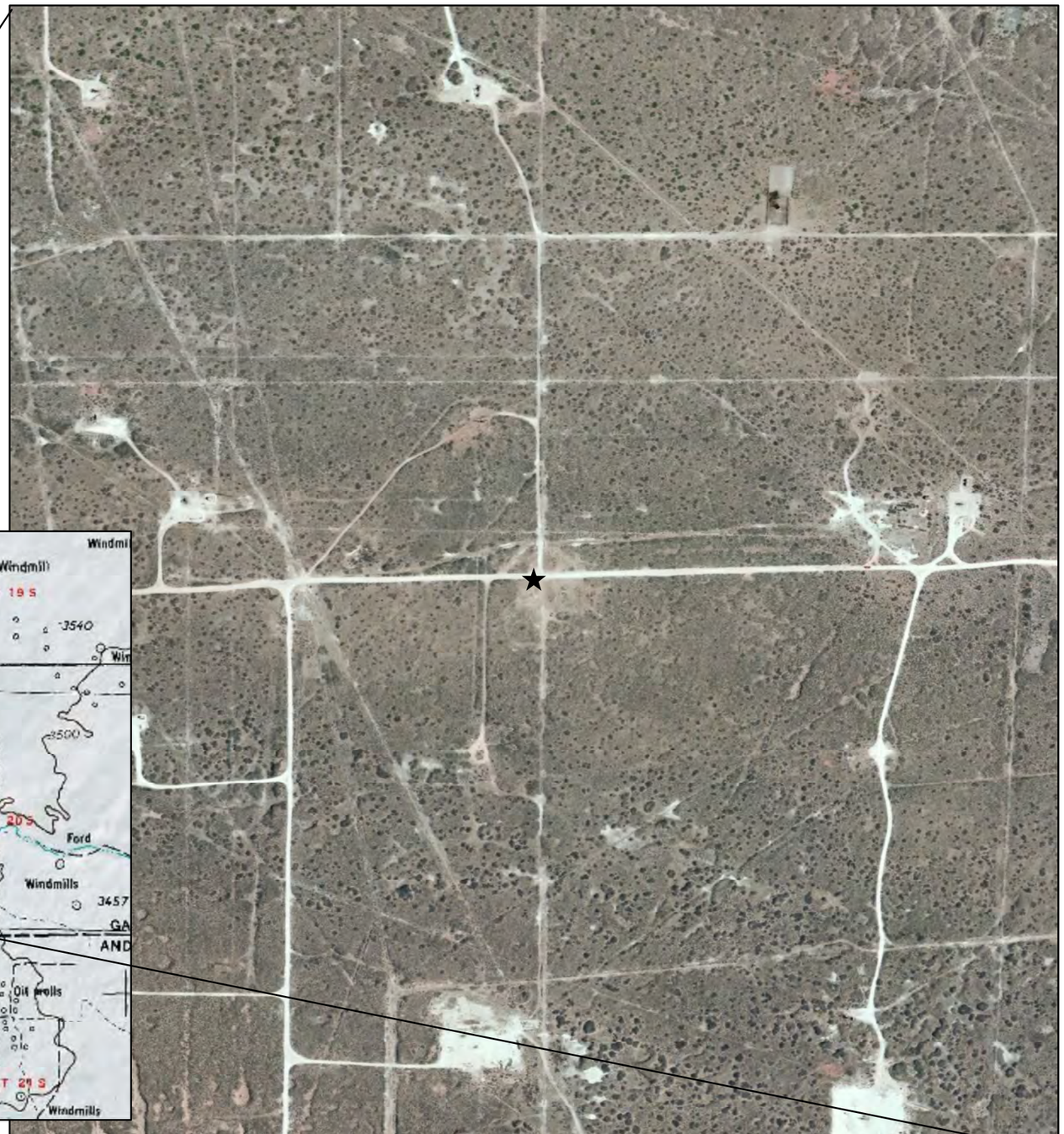
Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.010**	**1.00**	**0.70**	**0.62**	**250**	
MW-12	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	**442**	
MW-12	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-13	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	**403**	
MW-13	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-13	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	**418**	
MW-13	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-14	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	**394**	
MW-14	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-14	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	**377**	
MW-14	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-15	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	**422**	
MW-15	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-15	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	**469**	
MW-15	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-16	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	**547**	
MW-16	06/26/2023	0.000109 J	<0.00100	<0.00100	<0.00300	NA	
MW-16	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	**536**	
MW-16	12/11/2023	0.000120 J	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	

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
B = A qualifier indicating an analyte was detected in both the sample and the associated Method Blank (MB)
J = A qualifier indicating the identification of the analyte is acceptable; the reported value is an estimate.
NS = Not Sampled
NA = Not Analyzed
mg/L = milligrams per liter

Figures

N



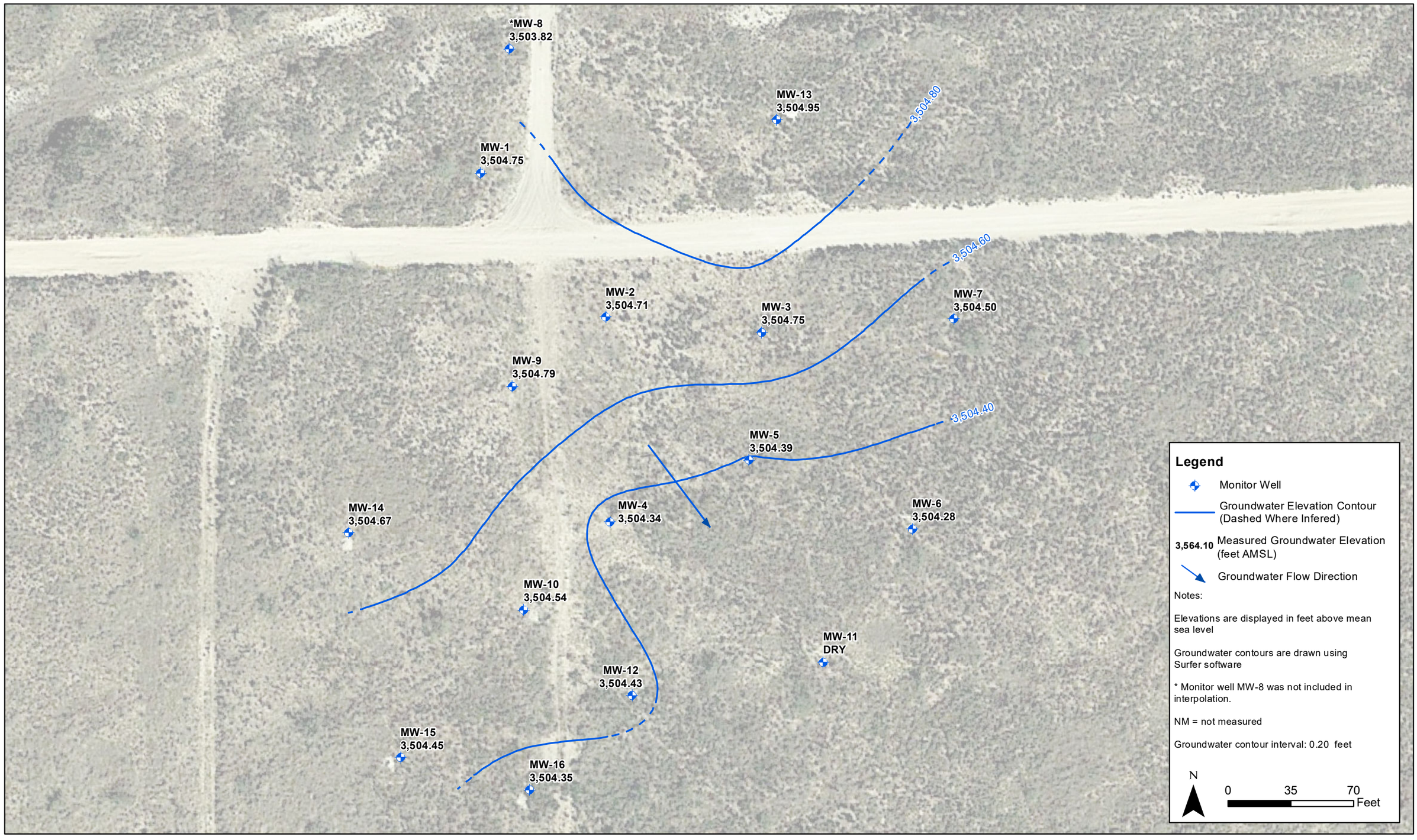


DATE: July 2015 DESIGNED BY: T. Johansen DRAWN BY: D. Arnold	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Midstream** **RR-Extension Pipeline Release** NE 1/4, NW 1/4, Section 19, Township 20 South, Range 37 East Lea County, New Mexico	Site Location Map	Figure 1

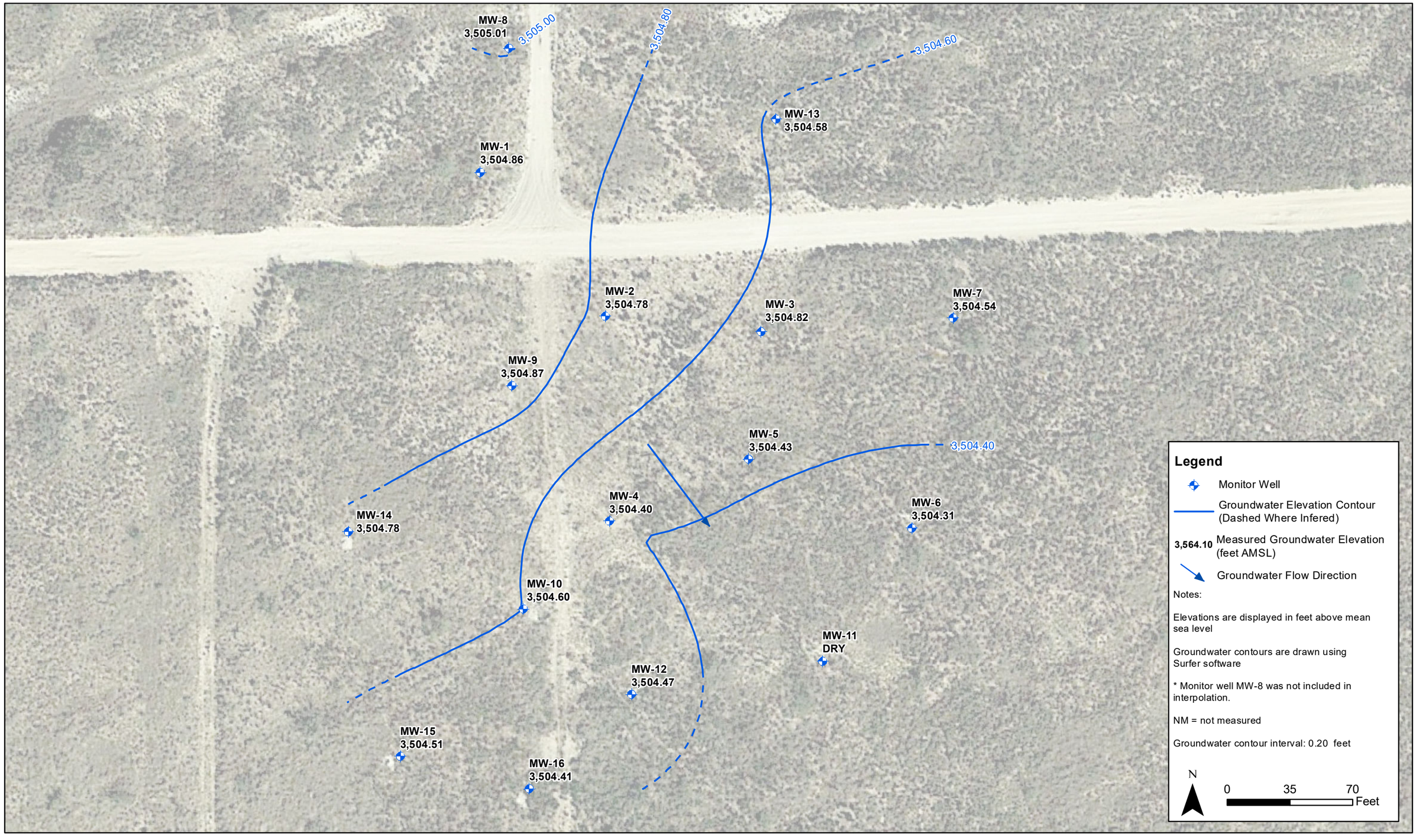
DATE: December 2019 DESIGNED BY: B. Humphrey DRAWN BY: L. Martin	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Operating Company, LP** **RR-Extension Pipeline Release** 2023 Annual Groundwater Monitoring Summary Report	Site Map with Monitoring Well Locations	Figure 2

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** **RR-Extension Pipeline Release** 2023 Annual Groundwater Monitoring Summary Report	Groundwater Elevation Contour Map (March 20, 2023)	Figure 3

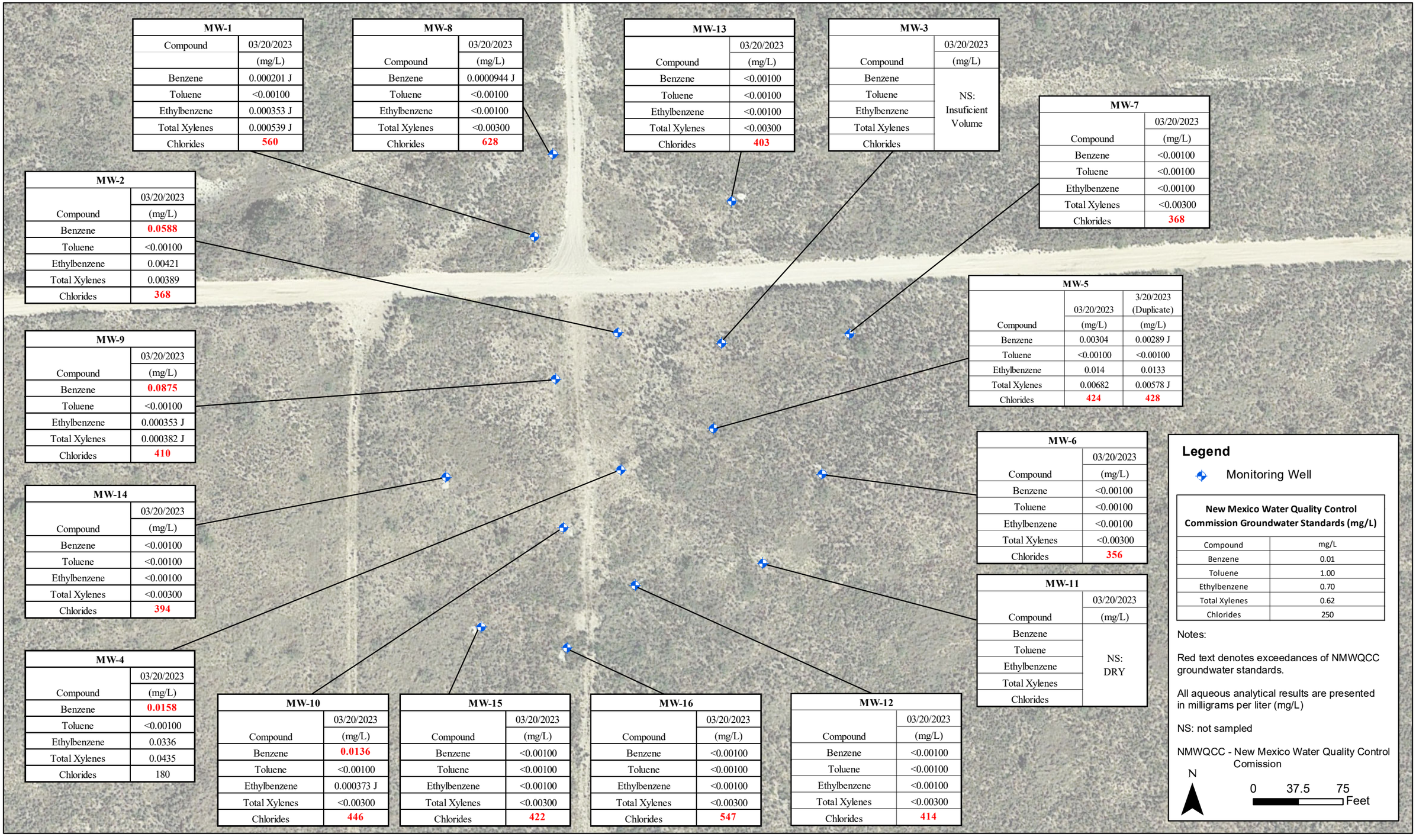
DATE: March 2024 DESIGNED BY: B. Dennis DRAWN BY: B. Dennis	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Operating Company, LP** **RR-Extension Pipeline Release** 2023 Annual Groundwater Monitoring Summary Report	Groundwater Elevation Contour Map (June 26, 2023)	Figure 4



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** **RR-Extension Pipeline Release** 2023 Annual Groundwater Monitoring Summary Report	Groundwater Elevation Contour Map (September 21, 2023)	Figure 5



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** **RR-Extension Pipeline Release** 2023 Annual Groundwater Monitoring Summary Report	Groundwater Elevation Contour Map (December 11, 2023)	Figure 6



MW-1	
Compound	03/20/2023 (mg/L)
Benzene	0.000201 J
Toluene	<0.00100
Ethylbenzene	0.000353 J
Total Xylenes	0.000539 J
Chlorides	560

MW-8	
Compound	03/20/2023 (mg/L)
Benzene	0.0000944 J
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	628

MW-13	
Compound	03/20/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	403

MW-3	
Compound	03/20/2023 (mg/L)
Benzene	NS: Insuficient Volume
Toluene	
Ethylbenzene	
Total Xylenes	
Chlorides	

MW-7	
Compound	03/20/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	368

MW-2	
Compound	03/20/2023 (mg/L)
Benzene	0.0588
Toluene	<0.00100
Ethylbenzene	0.00421
Total Xylenes	0.00389
Chlorides	368

MW-5		
Compound	03/20/2023 (mg/L)	3/20/2023 (Duplicate) (mg/L)
Benzene	0.00304	0.00289 J
Toluene	<0.00100	<0.00100
Ethylbenzene	0.014	0.0133
Total Xylenes	0.00682	0.00578 J
Chlorides	424	428

MW-9	
Compound	03/20/2023 (mg/L)
Benzene	0.0875
Toluene	<0.00100
Ethylbenzene	0.000353 J
Total Xylenes	0.000382 J
Chlorides	410

MW-6	
Compound	03/20/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	356

MW-14	
Compound	03/20/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	394

MW-11	
Compound	03/20/2023 (mg/L)
Benzene	NS: DRY
Toluene	
Ethylbenzene	
Total Xylenes	
Chlorides	

MW-4	
Compound	03/20/2023 (mg/L)
Benzene	0.0158
Toluene	<0.00100
Ethylbenzene	0.0336
Total Xylenes	0.0435
Chlorides	180

MW-10	
Compound	03/20/2023 (mg/L)
Benzene	0.0136
Toluene	<0.00100
Ethylbenzene	0.000373 J
Total Xylenes	<0.00300
Chlorides	446

MW-15	
Compound	03/20/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	422

MW-16	
Compound	03/20/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	547

MW-12	
Compound	03/20/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	414

Legend

Monitoring Well

New Mexico Water Quality Control Commission Groundwater Standards (mg/L)	
Compound	mg/L
Benzene	0.01
Toluene	1.00
Ethylbenzene	0.70
Total Xylenes	0.62
Chlorides	250

Notes:

Red text denotes exceedances of NMWQCC groundwater standards.

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

NS: not sampled

NMWQCC - New Mexico Water Quality Control Comission

N

0 37.5 75 Feet

DATE: March 2024

DESIGNED BY: B. Dennis

DRAWN BY: B. Dennis

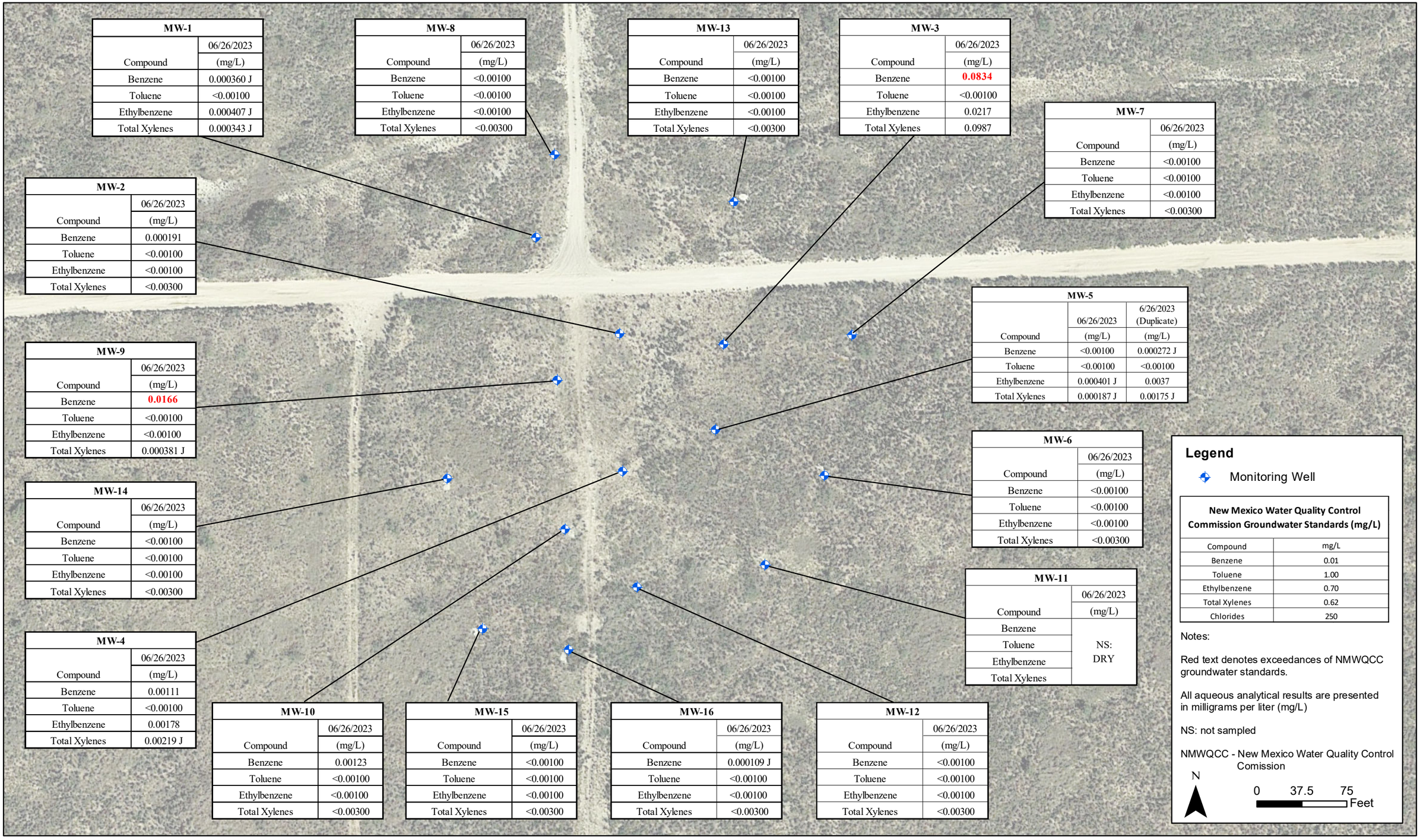
TASMAN

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

DCP Operating Company, LP
RR-Extension Pipeline Release
2023 Annual Groundwater Monitoring Summary Report

Analytical Results Map (March 20, 2023)

Figure 7



MW-1	
	06/26/2023
Compound	(mg/L)
Benzene	0.000360 J
Toluene	<0.00100
Ethylbenzene	0.000407 J
Total Xylenes	0.000343 J

MW-8	
	06/26/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-13	
	06/26/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-3	
	06/26/2023
Compound	(mg/L)
Benzene	**0.0834**
Toluene	<0.00100
Ethylbenzene	0.0217
Total Xylenes	0.0987

MW-7	
	06/26/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-2	
	06/26/2023
Compound	(mg/L)
Benzene	0.000191
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-5		
	06/26/2023	6/26/2023 (Duplicate)
Compound	(mg/L)	(mg/L)
Benzene	<0.00100	0.000272 J
Toluene	<0.00100	<0.00100
Ethylbenzene	0.000401 J	0.0037
Total Xylenes	0.000187 J	0.00175 J

MW-9	
	06/26/2023
Compound	(mg/L)
Benzene	**0.0166**
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	0.000381 J

MW-6	
	06/26/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-14	
	06/26/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-11	
	06/26/2023
Compound	(mg/L)
Benzene	NS: DRY
Toluene	
Ethylbenzene	
Total Xylenes	

MW-4	
	06/26/2023
Compound	(mg/L)
Benzene	0.00111
Toluene	<0.00100
Ethylbenzene	0.00178
Total Xylenes	0.00219 J

MW-10	
	06/26/2023
Compound	(mg/L)
Benzene	0.00123
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-15	
	06/26/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-16	
	06/26/2023
Compound	(mg/L)
Benzene	0.000109 J
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-12	
	06/26/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

Legend

Monitoring Well

New Mexico Water Quality Control Commission Groundwater Standards (mg/L)	
Compound	mg/L
Benzene	0.01
Toluene	1.00
Ethylbenzene	0.70
Total Xylenes	0.62
Chlorides	250

Notes:

Red text denotes exceedances of NMWQCC groundwater standards.

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

NS: not sampled

NMWQCC - New Mexico Water Quality Control Comission

N

0 37.5 75 Feet

DATE: March 2024

DESIGNED BY: B. Dennis

DRAWN BY: B. Dennis

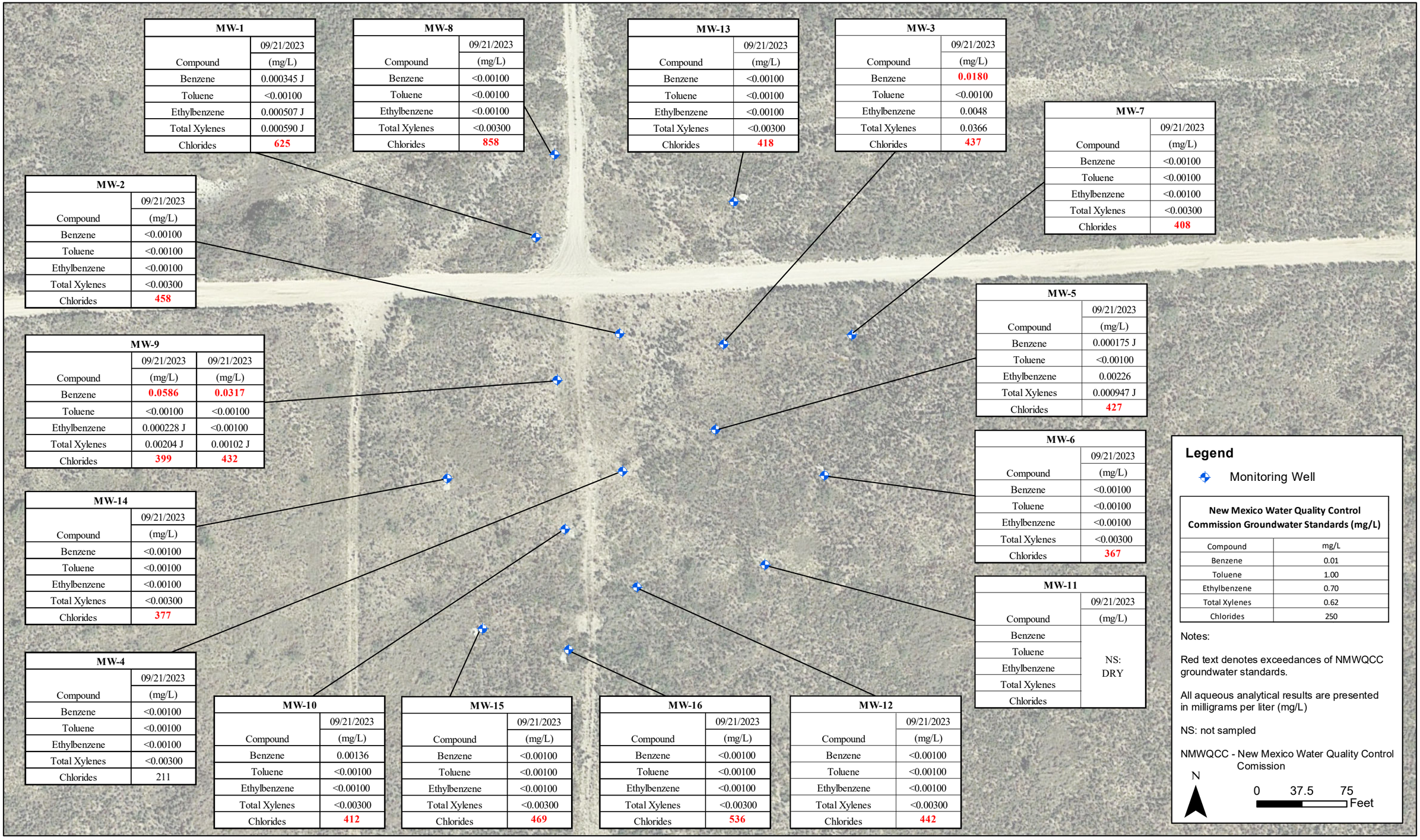
TASMAN

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

DCP Operating Company, LP
RR-Extension Pipeline Release
2023 Annual Groundwater Monitoring Summary Report

Analytical Results Map
(June 26, 2023)

Figure 8



MW-1	
	09/21/2023
Compound	(mg/L)
Benzene	0.000345 J
Toluene	<0.00100
Ethylbenzene	0.000507 J
Total Xylenes	0.000590 J
Chlorides	**625**

MW-8	
	09/21/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	**858**

MW-13	
	09/21/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	**418**

MW-3	
	09/21/2023
Compound	(mg/L)
Benzene	**0.0180**
Toluene	<0.00100
Ethylbenzene	0.0048
Total Xylenes	0.0366
Chlorides	**437**

MW-7	
	09/21/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	**408**

MW-2	
	09/21/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	**458**

MW-5	
	09/21/2023
Compound	(mg/L)
Benzene	0.000175 J
Toluene	<0.00100
Ethylbenzene	0.00226
Total Xylenes	0.000947 J
Chlorides	**427**

MW-9		
	09/21/2023	09/21/2023
Compound	(mg/L)	(mg/L)
Benzene	**0.0586**	**0.0317**
Toluene	<0.00100	<0.00100
Ethylbenzene	0.000228 J	<0.00100
Total Xylenes	0.00204 J	0.00102 J
Chlorides	**399**	**432**

MW-6	
	09/21/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	**367**

MW-14	
	09/21/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	**377**

MW-11	
	09/21/2023
Compound	(mg/L)
Benzene	
Toluene	
Ethylbenzene	NS:
Total Xylenes	DRY
Chlorides	

MW-4	
	09/21/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	211

MW-10	
	09/21/2023
Compound	(mg/L)
Benzene	0.00136
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	**412**

MW-15	
	09/21/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	**469**

MW-16	
	09/21/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	**536**

MW-12	
	09/21/2023
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	**442**

Legend

Monitoring Well

New Mexico Water Quality Control Commission Groundwater Standards (mg/L)	
Compound	mg/L
Benzene	0.01
Toluene	1.00
Ethylbenzene	0.70
Total Xylenes	0.62
Chlorides	250

Notes:

Red text denotes exceedances of NMWQCC groundwater standards.

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

NS: not sampled

NMWQCC - New Mexico Water Quality Control Comission

N

0 37.5 75 Feet

DATE: March 2024

DESIGNED BY: B. Dennis

DRAWN BY: B. Dennis

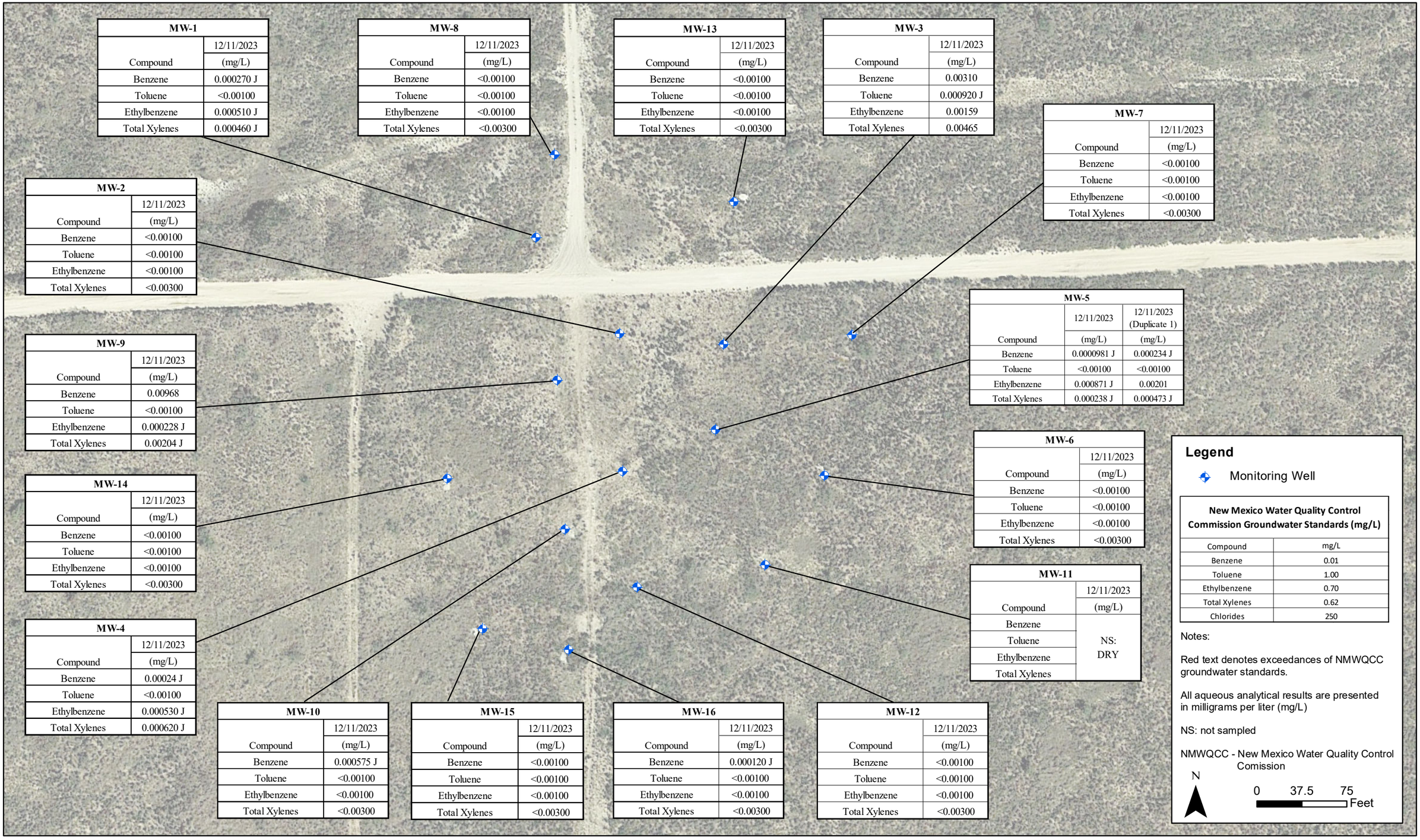
TASMAN

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

DCP Operating Company, LP
RR-Extension Pipeline Release
2023 Annual Groundwater Monitoring Summary Report

Analytical Results Map (September 21, 2023)

Figure 9



MW-1	
Compound	12/11/2023 (mg/L)
Benzene	0.000270 J
Toluene	<0.00100
Ethylbenzene	0.000510 J
Total Xylenes	0.000460 J

MW-8	
Compound	12/11/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-13	
Compound	12/11/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-3	
Compound	12/11/2023 (mg/L)
Benzene	0.00310
Toluene	0.000920 J
Ethylbenzene	0.00159
Total Xylenes	0.00465

MW-7	
Compound	12/11/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-2	
Compound	12/11/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-5		
Compound	12/11/2023 (mg/L)	12/11/2023 (Duplicate 1) (mg/L)
Benzene	0.0000981 J	0.000234 J
Toluene	<0.00100	<0.00100
Ethylbenzene	0.000871 J	0.00201
Total Xylenes	0.000238 J	0.000473 J

MW-9	
Compound	12/11/2023 (mg/L)
Benzene	0.00968
Toluene	<0.00100
Ethylbenzene	0.000228 J
Total Xylenes	0.00204 J

MW-6	
Compound	12/11/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-14	
Compound	12/11/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-11	
Compound	12/11/2023 (mg/L)
Benzene	NS: DRY
Toluene	
Ethylbenzene	
Total Xylenes	

MW-4	
Compound	12/11/2023 (mg/L)
Benzene	0.00024 J
Toluene	<0.00100
Ethylbenzene	0.000530 J
Total Xylenes	0.000620 J

MW-10	
Compound	12/11/2023 (mg/L)
Benzene	0.000575 J
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-15	
Compound	12/11/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-16	
Compound	12/11/2023 (mg/L)
Benzene	0.000120 J
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-12	
Compound	12/11/2023 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

Legend

Monitoring Well

New Mexico Water Quality Control Commission Groundwater Standards (mg/L)	
Compound	mg/L
Benzene	0.01
Toluene	1.00
Ethylbenzene	0.70
Total Xylenes	0.62
Chlorides	250

Notes:

Red text denotes exceedances of NMWQCC groundwater standards.

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

NS: not sampled

NMWQCC - New Mexico Water Quality Control Comission

N

0 37.5 75 Feet

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
RR-Extension Pipeline Release
2023 Annual Groundwater Monitoring Summary Report

Analytical Results Map (December 11, 2023)

Figure 10

Appendix A

Historical Analytical Results

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-1	3/2008	**1.4**	0.0395	**0.948**	0.128	NA	
MW-1	6/2008	**2.75**	0.054	**2.17**	0.232	NA	
MW-1	9/2008	**1.1**	0.0375	**0.845**	0.131	**507**	
MW-1	12/2008	**0.869**	0.0385	0.581	0.0709	**447**	
MW-1	3/2009	**0.288**	0.0149	0.107	0.0395	**432**	
MW-1	5/2009	**1.38**	0.0705	0.175	0.065	**462**	
MW-1	9/2009	**0.267**	0.024	0.0332	0.0078	**422**	
MW-1	12/2009	**0.819**	0.088	0.0267	0.012	**363**	
MW-1	3/2010	**0.726**	0.0879	0.107	0.0278	**800**	
MW-1	6/2010	**0.339**	0.0539	0.0329	0.0079	**510**	
MW-1	9/2010	**1.99**	0.0951	0.084	0.0219	**442**	
MW-1	12/2010	**0.708**	0.0796	0.0099	0.0047	**448**	
MW-1	03/30/2011	**0.0241**	<0.001	0.0136	0.0055	**457**	
MW-1	06/22/2011	**0.0735**	<0.01	0.0293	<0.02	**467**	
MW-1	09/17/2011	**0.144**	0.038	0.0069	0.0087	**472**	
MW-1	12/08/2011	**0.076**	0.002	0.0227	0.0024	**462**	
MW-1	03/10/2012	**0.029**	<0.002	0.0072	<0.004	**497**	
MW-1	06/05/2012	**0.069**	0.0014	0.0112	<0.003	**470**	
MW-1	09/09/2012	**0.0216**	<0.002	0.0029	<0.003	**465**	
MW-1	12/04/2012	**0.0194**	<0.002	0.0024	<0.003	**445**	
MW-1	02/22/2013	0.0063	<0.002	0.00066	<0.003	**474**	
MW-1	06/02/2013	**0.0313**	<0.002	0.0028	<0.003	**451**	
MW-1	09/10/2013	0.0092	<0.002	0.0016	<0.003	**400**	
MW-1	12/03/2013	0.0067	<0.002	0.00075	<0.003	**458**	
MW-1	02/27/2014	**0.0449**	<0.002	0.0044	<0.003	**474**	Duplicate Sample Collected
MW-1 (duplicate)	02/27/2014	**0.0331**	<0.002	0.0037	<0.003	**489**	
MW-1	06/03/2014	**0.0157**	<0.002	0.0018 J	<0.003	**466**	Duplicate Sample Collected
MW-1 (duplicate)	06/03/2014	**0.0157**	<0.002	0.0017 J	<0.003	**488**	
MW-1	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-1	12/01/2014	**4.94**	0.33	0.332	0.271	**361**	Duplicate Sample Collected
MW-1 (duplicate)	12/01/2014	**5.58**	0.455	0.384	0.3435	**350**	
MW-1	02/25/2015	**0.68**	0.0013	0.065	0.0048	**458**	Duplicate Sample Collected
MW-1 (duplicate)	02/25/2015	**0.56**	0.0013	0.062	0.0043	**452**	
MW-1	06/01/2015	**0.015**	<0.001	0.0067	<0.003	**488**	Duplicate sample collected
MW-1 (duplicate)	06/01/2015	**0.015**	0.0096	0.012	0.022	**502**	
MW-1	08/31/2015	0.0019	<0.001	<0.001	<0.003	**461**	Duplicate sample collected
MW-1 (duplicate)	08/31/2015	0.0013	<0.001	<0.001	<0.003	**460**	
MW-1	12/14/2015	<0.001	<0.001	<0.001	<0.003	**455**	Duplicate sample collected
MW-1 (duplicate)	12/14/2015	<0.001	<0.001	<0.001	<0.003	**457**	
MW-1	03/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	**453**	Duplicate sample collected
MW-1 (duplicate)	03/21/2016	0.0031	<0.0010	0.0013	<0.0030	**473**	
MW-1	06/20/2016	0.0036	<0.0010	<0.0010	<0.0030	**454**	
MW-1	09/29/2016	**1.4**	**4.8**	**1.1**	**2.4**	122	
MW-1	12/19/2016	**1.8**	0.026	0.5	0.21	**312**	
MW-1	03/06/2017	**0.6**	<0.010	0.19	<0.01	**434**	
MW-1	06/19/2017	0.0057	<0.0010	0.018	<0.001	**431**	
MW-1	09/25/2017	**0.778**	0.147	**0.833**	**0.672**	189	
MW-1	12/19/2017	**0.412**	<0.010	0.167	0.0378	**366**	
MW-1	03/13/2018	0.00552	<0.00100	0.00698	<0.00300	**399**	
MW-1	06/25/2018	0.00357	<0.00100	0.00231	0.00276 J	**415**	
MW-1	09/19/2018	**0.0162**	0.00187	0.00586	0.00917	**432**	
MW-1	12/11/2018	0.00430	<0.0010	0.00129	0.00191	NA	
MW-1	03/19/2019	0.00611	0.000492 J	0.00285	0.00342	**437**	
MW-1	06/03/2019	0.00469	0.000621 J	0.00272	0.00333	NA	
MW-1	09/23/2019	**0.0162**	0.00190	0.0180	0.0201	**473**	
MW-1	12/11/2019	**0.0360**	0.00890	0.0151	0.0300	NA	
MW-1	06/15/2020	0.00275	0.000289 J	0.00279	0.00309	NA	
MW-1	09/21/2020	<0.00100	<0.00100	<0.00100	<0.00300	**508**	
MW-1	12/14/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-1	03/29/2021	0.000803 J	<0.00100	0.00106	0.00106 J	505	
MW-1	06/21/2021	0.000326 J	<0.00100	0.000317	0.000214 J	NA	
MW-1	09/27/2021	0.000970 J	<0.00100	0.00103	0.000591 J	**552**	
MW-1	12/20/2021	0.00166 J	<0.00100	0.000325 J	0.000183 J	NA	
MW-1	03/28/2022	0.000477 J	<0.00100	0.000636 J	0.000997 J	**552**	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-1	06/27/2022	0.00104	0.000311 J	0.0013	0.00120 J	NA	
MW-1	09/20/2022	0.000370 J	<0.00100	0.000401 J	0.00157 J	NA	
MW-1	12/08/2022	0.000544 J	<0.00100	0.00691 J	0.000611 J	**568**	Chloride 12/29/2022
MW-1	03/20/2023	0.000201 J	<0.00100	0.000353 J	0.000539 J	**560**	
MW-1	06/26/2023	0.000360 J	<0.00100	0.000407 J	0.000343 J	NA	
MW-1	09/21/2023	0.000345 J	<0.00100	0.000507 J	0.000590 J	**625**	
MW-1	12/11/2023	0.00027 J	<0.00100	0.00051 J	0.00046 J	NA	
MW-2	3/2008	**8.98**	0.135	**6.58**	**0.765**	NA	
MW-2	6/2008	**24.3**	0.319	**18.5**	**2.58**	NA	
MW-2	9/2008	**21.7**	0.443	**9.79**	**4.25**	109	
MW-2	12/2008	Not Sampled: Remediation Activities					
MW-2	3/2009	**23.7**	0.538	**2.34**	**1.25**	114	
MW-2	5/2009	**32.7**	**0.791**	**1.31**	**1.69**	109	
MW-2	9/2009	**29.3**	0.491	**0.771**	0.371	139	
MW-2	12/2009	**28.5**	0.57	0.347	0.177	199	
MW-2	3/2010	**23.8**	0.529	0.71	<1.2	**700**	
MW-2	6/2010	**22.9**	0.485	0.39	0.128	233	
MW-2	9/2010	**17**	0.329	0.257	<0.8	**263**	
MW-2	12/2010	**16.9**	0.458	0.399	0.0926	**278**	
MW-2	03/30/2011	**16.6**	0.165	0.403	0.116	**320**	
MW-2	06/22/2011	**9.21**	0.0231	0.377	<0.4	**370**	
MW-2	09/17/2011	**4.07**	0.415	0.329	0.203	**375**	
MW-2	12/08/2011	**1.5**	0.0436	0.33	0.0254	**392**	
MW-2	03/10/2012	**1.04**	<0.04	0.134	<0.08	**444**	
MW-2	06/05/2012	**1.25**	0.106	0.158	0.0885	**346**	
MW-2	09/09/2012	**1.53**	0.203	0.138	0.14	**393**	
MW-2	12/04/2012	**1.26**	0.115	0.0854	0.116	**385**	
MW-2	02/22/2013	**4.53** [3]	0.474	0.298	0.482	**386**	
MW-2	06/02/2013	**1.25**	0.0582	0.0644	0.103	**406**	
MW-2	09/10/2013	**4.47**	0.374	0.226	0.375	**339**	
MW-2	12/03/2013	**0.9**	0.0569	0.0442	0.0671	**414**	
MW-2	02/27/2014	**4.41** [3]	0.599	0.312	0.493	**411**	
MW-2	06/03/2014	**0.842** [3]	0.05	0.0609	0.101	**440**	
MW-2	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-2	12/01/2014	**0.164**	0.0132	0.007	0.0106	**440**	
MW-2	02/25/2015	**4.3**	0.64	0.28	0.55	**370**	
MW-2	06/01/2015	**3.4**	0.48	0.28	0.37	**364**	
MW-2	08/31/2015	**1.4**	0.29	0.064	0.12	**347**	
MW-2	12/14/2015	**0.51**	0.079	0.033	0.059	**371**	
MW-2	03/21/2016	**1.5**	0.31	0.11	0.24	**355**	
MW-2	06/20/2016	**3.4**	0.7	0.16	0.3	**367**	
MW-2	09/26/2016	**1.1**	0.37	0.099	0.081	**382**	
MW-2	12/19/2016	**0.17**	0.033	0.035	0.02	**396**	
MW-2	03/06/2017	<0.0010	<0.0010	<0.0010	0.0026	**401**	
MW-2	06/19/2017	**0.18**	0.046	0.0031	0.059	**348**	
MW-2	09/25/2017	**1.45**	0.173	0.123	0.302	**354**	
MW-2	12/19/2017	**0.485**	0.0129	0.0441	0.122	**409**	
MW-2	03/13/2018	**0.0304**	0.00163	0.0024	0.00596	**352**	
MW-2	06/25/2018	**0.52**	0.00579 B J	0.0559	0.152	**296**	
MW-2	09/19/2018	**0.0659**	<0.00100	0.00527	0.0136	**283**	
MW-2	12/11/2018	**0.135**	<0.00100	0.0109	0.0304	NA	
MW-2	03/19/2019	**0.0427**	<0.00100	0.000671 J	0.00371	235	
MW-2	06/04/2019	**0.0335**	<0.00100	0.00392	0.00921	NA	
MW-2	09/23/2019	**0.0694**	0.000436 J	0.00789	0.0167	190	
MW-2	12/11/2019	**0.0714**	<0.00100	0.0137	0.0343	NA	
MW-2	06/15/2020	**0.102**	0.000298 J	0.00683	0.0152	NA	
MW-2	09/21/2020	**0.0335**	<0.00100	<0.00100	0.000749 J	**309**	
MW-2	12/14/2020	**0.0439**	<0.00100	0.000486 J	0.00216 J	NA	
MW-2	03/29/2021	**0.0212**	<0.00100	0.000330 J	0.000116 J	339	
MW-2	06/21/2021	**0.0506**	<0.00100	0.000283 J	0.00149 J	NA	
MW-2	09/27/2021	**0.0221**	<0.00100	0.000504 J	0.000750 J	**380**	
MW-2	12/20/2021	**0.00815**	<0.00100	0.000166 J	0.000573 J	NA	
MW-2	03/28/2022	**0.0273**	<0.00100	0.00172	0.00256 J	**397**	

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RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-2	06/27/2022	**0.017**	<0.00100	0.000947 J	0.00199 J	NA	
MW-2	09/20/2022	0.000789 J	<0.00100	<0.00100	0.000200 J	NA	
MW-2	12/08/2022	**0.00694**	<0.00100	0.00134	0.00315	**424**	Chloride 12/29/2022
MW-2	03/20/2023	**0.0588**	<0.00100	0.00421	0.00389	**368**	
MW-2	06/26/2023	0.000191	<0.00100	<0.00100	<0.00300	NA	
MW-2	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	**458**	
MW-2	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-3	3/2008	**0.759**	0.0355	**0.849**	0.0786	NA	
MW-3	6/2008	**6.18**	0.287	**9.46**	**1.23**	NA	
MW-3	9/2008	**2.45**	0.145	**3.62**	**114**	**363**	
MW-3	12/2008	**0.761**	0.0492	**0.938**	0.158	**301**	
MW-3	3/2009	**4.03**	0.18	**2.83**	0.61	**273**	
MW-3	5/2009	**14.7**	**0.808**	**12.6**	**1.64**	**313**	
MW-3	9/2009	**5.5**	0.271	**1.09**	<0.006	**363**	
MW-3	12/2009	**13.1**	**1.2**	**9.08**	**2.87**	**398**	
MW-3	3/2010	**8.43**	**1.01**	**9.14**	**2.71**	**440**	
MW-3	6/2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	9/2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	12/2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	03/30/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	06/22/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	09/17/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	12/08/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	03/10/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	06/05/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	09/09/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	12/04/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	02/22/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	06/02/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	09/10/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	12/03/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	02/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	06/03/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-3	12/01/2014	**4.47**	**0.844**	0.529	**1.308**	NS	
MW-3	02/25/2015	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-3	06/01/2015	**3.2**	**0.95**	0.72	**2.9**	**391**	
MW-3	08/31/2015	**3**	0.31	0.3	0.5	**382**	
MW-3	12/14/2015	**4.7**	**2**	**0.9**	**2.7**	**381**	
MW-3	03/21/2016	**2.8**	**0.81**	0.54	**1.4**	**387**	
MW-3	06/20/2016	**2.2**	0.34	0.36	0.35	**386**	
MW-3	09/26/2016	**2.2**	0.62	0.72	**1.2**	**412**	
MW-3	12/19/2016	**3.7**	0.56	0.6	**1.1**	**434**	
MW-3	03/06/2017	**1.4**	0.07	0.32	0.14	**406**	
MW-3	06/19/2017	**2.5**	0.13	0.68	0.36	**393**	
MW-3	09/25/2017	**2.18**	0.0676	0.33	0.243	**400**	
MW-3	12/19/2017	**3.81**	0.396	**0.863**	**1.02**	**418**	
MW-3	03/13/2018	**1.71**	<0.10	0.225	0.280 J	**398**	
MW-3	06/25/2018	**3.19**	0.143	0.560	**0.662**	**378**	
MW-3	09/19/2018	**1.82**	0.0546	0.364	0.273	**405**	Duplicate Sample Collected
MW-3 (Duplicate)	09/19/2018	**1.61**	0.0765	0.226	0.378	**399**	
MW-3	12/11/2018	<0.00100	0.106	0.312	0.343	NA	
MW-3	03/19/2019	**1.31**	0.127	0.250	0.285	**386**	
MW-3	06/04/2019	**0.759**	0.0413	0.106	0.149	NA	
MW-3	09/23/2019	**2.89**	0.124	0.323	0.385	**359**	
MW-3	12/11/2019	**0.578**	0.0148	0.0863	0.0978	NA	
MW-3	06/15/2020	**2.71**	<0.00500	0.556	**0.703**	NA	
MW-3	09/21/2020	**1.44**	<0.0500	0.202	0.295	412	
MW-3	12/14/2020	**1.60**	<0.0500	0.247	0.42	NA	
MW-3	03/29/2021	**0.47**	<0.0100	<0.0100	0.168	424	
MW-3	06/21/2021	**1.22**	<0.0100	0.101	0.288	NA	
MW-3	09/27/2021	**1.13**	<0.0100	0.121	0.286	**452**	
MW-3	12/20/2021	**0.492**	<0.0500	0.0826	0.199	NA	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-3	03/28/2022	**0.387**	<0.0100	0.0742	0.166	**466**	
MW-3	06/27/2022	**1.29**	<0.00100	0.313	0.723	NA	
MW-3	09/20/2022	**0.502**	<0.0100	0.0870	0.271	NA	
MW-3	12/08/2022	**0.364**	<0.0100	0.118	0.339	**510**	Chloride 12/29/2022
MW-3	03/20/2023	NS - Not enough volume					
MW-3	06/26/2023	**0.0834**	<0.00100	0.0217	0.0987	NA	
MW-3	09/21/2023	**0.018**	<0.00100	0.0048	0.0366	**437**	
MW-3	12/11/2023	0.0031	0.00092 J	0.00159	0.00465	NA	
MW-4	3/2008	**0.0102**	<0.002	0.0093	0.0023	NA	
MW-4	6/2008	**0.0439**	0.0068	0.0256	0.0147	NA	
MW-4	9/2008	**0.514**	0.0203	0.443	0.125	**318**	
MW-4	12/2008	**1.32**	0.0812	**1.35**	0.239	**281**	
MW-4	3/2009	**3.61**	0.164	**3.4**	**0.831**	**229**	
MW-4	5/2009	**4.7**	0.428	**2.94**	**1.03**	**226**	
MW-4	9/2009	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	12/2009	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	3/2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	6/2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	9/2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	12/2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	03/30/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	06/22/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	09/17/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	12/08/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	03/10/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	06/05/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	09/09/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	12/04/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	02/22/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	06/02/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	09/10/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	12/03/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	02/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	06/03/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-4	12/01/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	02/25/2015	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	06/01/2015	**0.59**	**1.3**	0.71	**2.2**	**289**	
MW-4	08/31/2015	**0.089**	0.031	0.036	0.12	**287**	
MW-4	12/14/2015	**0.43**	0.38	0.63	**1.8**	**280**	
MW-4	03/21/2016	**0.44**	0.3	**0.82**	**2.3**	**286**	
MW-4	06/20/2016	**0.036**	0.0016	0.029	0.052	**314**	
MW-4	09/26/2016	**0.038**	<0.0010	0.0068	0.02	**305**	
MW-4	12/19/2016	**0.41**	0.023	0.38	**0.88**	**310**	
MW-4	03/06/2017	0.0052	<0.0050	0.0051	0.0083	**341**	
MW-4	06/19/2017	**0.034**	<0.0050	0.098	0.26	**319**	
MW-4	09/25/2017	**0.727**	<0.5	0.722	**1.02**	**314**	
MW-4	12/19/2017	**0.285**	0.0118	**1.22**	**2.83**	**338**	
MW-4	03/13/2018	**0.0508**	<0.0100	0.104	0.239	**349**	
MW-4	06/25/2018	**0.187**	<0.00500	0.426	**0.779**	**321**	
MW-4	09/19/2018	**0.0103**	<0.00100	0.0148	0.0318	**330**	
MW-4	12/11/2018	**0.0889**	<0.00100	0.0955	0.210	NA	
MW-4	03/19/2019	**0.235**	<0.00100	0.232	0.392	**307**	
MW-4	06/04/2019	**0.0582**	<0.00100	0.0337	0.0503	NA	
MW-4	09/23/2019	**0.205**	0.000725	0.122	0.204	**294**	
MW-4	12/11/2019	**0.0418**	<0.0100	<0.0100	0.0307	NA	
MW-4	06/15/2020	**0.373**	<0.0100	0.275	0.382	NA	
MW-4	09/21/2020	**0.00789**	<0.00100	0.00433	0.00390	**315**	
MW-4	12/14/2020	**0.00566**	<0.00100	0.0316	0.0348	NA	
MW-4	03/29/2021	**0.00789**	<0.00100	0.00506	0.00464	277	
MW-4	06/21/2021	**0.0538**	<0.00100	0.0283	0.02390	NA	
MW-4	09/27/2021	**0.0518**	<0.00100	0.0315	0.0257	**252**	
MW-4	12/20/2021	**0.0158**	<0.00100	0.0153	0.0126	NA	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
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RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-4	03/28/2022	**0.0255**	<0.00100	0.0261	0.0251	235	
MW-4	06/27/2022	**0.0697**	<0.00100	0.0689	0.0655	NA	
MW-4	09/20/2022	0.00419	<0.00100	0.00295	0.0031	NA	
MW-4	12/08/2022	**0.0362**	<0.00100	0.0318	0.0341	184	Chloride 12/29/2022
MW-4	03/20/2023	**0.0158**	<0.00100	0.0336	0.0435	180	
MW-4	06/26/2023	0.00111	<0.00100	0.00178	0.00219 J	NA	
MW-4	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	211	
MW-4	12/11/2023	0.00024 J	<0.00100	0.00053 J	0.00062 J	NA	
MW-5	3/2008	0.0019	<0.002	0.0012	<0.006	NA	
MW-5	6/2008	0.0037	<0.002	0.0037	<0.006	NA	
MW-5	9/2008	0.0038	<0.002	0.0037	<0.006	**373**	
MW-5	12/2008	0.0031	<0.002	0.004	<0.006	**318**	
MW-5	3/2009	0.0067	<0.002	0.0074	<0.006	**288**	
MW-5	5/2009	0.0064	<0.002	0.0089	<0.006	**363**	
MW-5	9/2009	0.0082	0.00066	0.0132	<0.006	**358**	
MW-5	12/2009	0.0096	0.0013	0.0155	0.0021	**313**	
MW-5	3/2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	6/2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	9/2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	12/2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	03/30/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	06/22/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	09/17/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	12/08/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	03/10/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	06/05/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	09/09/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	12/04/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	02/22/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	06/02/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	09/10/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	12/03/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	02/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	06/03/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-5	12/01/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	02/25/2015	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	06/01/2015	**0.5**	**1.9**	**1.4**	**4**	**424**	
MW-5	08/31/2015	**0.024**	0.027	0.061	0.091	**741**	
MW-5	12/14/2015	**0.36**	**0.83**	**0.83**	**2.2**	**407**	
MW-5	03/21/2016	**0.19**	0.56	0.72	**2.3**	**413**	
MW-5	06/20/2016	**0.19**	0.49	0.69	**2**	**410**	Duplicate Sample Collected
MW-5 (Duplicate)	06/20/2016	**0.054**	0.14	0.23	**0.66**	**410**	
MW-5	09/26/2016	**0.093**	0.29	0.29	**0.88**	**432**	Duplicate Sample Collected
MW-5 (Duplicate)	09/26/2016	**0.16**	0.47	0.49	**1.5**	**444**	
MW-5	12/19/2016	**0.091**	0.04	0.46	**1.3**	**427**	Duplicate Sample Collected
MW-5 (Duplicate)	12/19/2016	**0.15**	0.072	**0.79**	**2.2**	**447**	
MW-5	03/06/2017	**0.029**	0.0051	0.17	0.4	**417**	Duplicate Sample Collected
MW-5 (Duplicate)	03/06/2017	**0.039**	0.0064	0.15	0.55	**429**	
MW-5	06/19/2017	**0.05**	<0.00500	**0.32**	**0.82**	**402**	
MW-5 (Duplicate)	06/19/2017	**0.04**	0.0012	0.15	0.38	**408**	
MW-5	09/25/2017	**0.0174**	0.00102	0.0779	0.175	**422**	Duplicate Sample Collected
MW-5 (Duplicate)	09/25/2017	**0.0229**	<0.00500	0.116	0.267	**401**	
MW-5	12/19/2017	**0.0541**	0.00155	0.517	**1.28**	**426**	Duplicate Sample Collected
MW-5 (Duplicate)	12/19/2017	**0.050**	<0.00500	0.459	**1.16**	**466**	
MW-5	03/13/2018	**0.04**	<0.020	0.188	0.481	**433**	Duplicate Sample Collected
MW-5 (Duplicate)	03/13/2018	**0.0306**	<0.00500	0.159	0.415	**428**	
MW-5	06/25/2018	0.00685	<0.0010	0.0365	0.0831	**399**	Duplicate Sample Collected
MW-5 (Duplicate)	06/25/2018	**0.0244**	0.000663 J	0.0829	0.183	**421**	
MW-5	09/19/2018	**0.14**	0.0145 J	0.507	**1.08**	**421**	
MW-5	12/11/2018	**0.0702**	0.0152 J	0.111	0.218	NA	Duplicate Sample Collected
MW-5 (Duplicate)	12/11/2018	**0.101**	0.00984	0.186	0.401	NA	
MW-5	03/19/2019	**0.0536**	<0.020	0.206	0.464	**421**	Duplicate Sample Collected

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
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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)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-5 (Duplicate)	03/19/2019	**0.0628**	0.0021 J	0.231	0.515	**434**	
MW-5	06/04/2019	**0.03**	<0.00500	0.0996	0.222	NA	Duplicate Sample Collected
MW-5 (Duplicate)	06/04/2019	**0.0266**	<0.00500	0.0807	0.175	NA	
MW-5	09/23/2019	**0.0503**	<0.00100	0.129	0.267	**443**	Duplicate Sample Collected
MW-5 (Duplicate)	09/23/2019	**0.0388**	<0.00500	0.114	0.228	**435**	
MW-5	12/11/2019	**0.0721**	0.0326	0.155	0.376	NA	Duplicate Sample Collected
MW-5 (Duplicate)	12/11/2019	**0.0657**	0.0132	0.139	0.324	NA	
MW-5	06/15/2020	**0.0662**	<0.0010	0.0859	0.148	NA	Duplicate Sample Collected
MW-5 (Duplicate)	06/15/2020	**0.0668**	<0.00100	0.0825	0.137	NA	
MW-5	09/21/2020	**0.0215**	<0.0100	0.0423	0.0698	**463**	Duplicate Sample Collected
MW-5 (Duplicate)	09/21/2020	**0.0123**	<0.0010	0.0205	0.0325	**463**	
MW-5	12/14/2020	**0.0631**	<0.0100	0.0533	0.0740	NA	Duplicate Sample Collected
MW-5 (Duplicate)	12/14/2020	**0.0647**	<0.00100	0.0547	0.0757	NA	
MW-5	03/29/2021	**0.00996**	<0.00100	0.0164	0.0163	461	Duplicate Sample Collected
MW-5 (Duplicate)	03/29/2021	**0.0174**	<0.00100	0.0237	0.0235	473	
MW-5	06/21/2021	0.00472	<0.00100	0.00813	0.00589	NA	Duplicate Sample Collected
MW-5 (Duplicate)	06/21/2021	0.00335	<0.00100	0.0063	0.00469	NA	
MW-5	09/27/2021	**0.049**	0.000313 J	0.00459	0.00274 J	**484**	Duplicate Sample Collected
MW-5 (Duplicate)	09/27/2021	**0.0247**	0.000295 J	0.0188	0.00996	**478**	
MW-5	12/20/2021	**0.00571**	<0.00100	0.00992	0.00590	NA	Duplicate Sample Collected
MW-5 (Duplicate)	12/20/2021	**0.00834**	<0.00100	0.0135	0.00808	NA	
MW-5	03/28/2022	**0.01610**	0.000317 J	0.0227	0.0136	**485**	Duplicate Sample Collected
MW-5 (Duplicate)	03/28/2022	**0.0166**	<0.00500	0.0222	0.0171	**493**	
MW-5	06/27/2022	**0.0167**	<0.00100	0.103	0.0819	NA	Duplicate Sample Collected
MW-5 (Duplicate)	06/27/2022	**0.0120**	<0.00100	0.0823	0.0611	NA	
MW-5	09/20/2022	0.00213	<0.00100	0.0168	0.0117	NA	Duplicate Sample Collected
MW-5 (Duplicate)	09/20/2022	**0.00569**	<0.00500	0.0407	0.0275	NA	
MW-5	12/08/2022	0.00298	<0.00100	0.0228	0.0152	**467**	Duplicate Sample Collected
MW-5 (Duplicate)	12/08/2022	0.00325 J	<0.00500	0.0240	0.0166	NA	Chloride 12/29/2022
MW-5	03/20/2023	0.00304	<0.00100	0.014	0.00682	**424**	Duplicate Sample Collected
MW-5 (Duplicate)	03/20/2023	0.00289 J	<0.00100	0.0133	0.00578 J	**428**	
MW-5	06/26/2023	<0.00100	<0.00100	0.000401 J	0.000187 J	NA	Duplicate Sample Collected
MW-5 (Duplicate)	06/26/2023	0.000272 J	<0.00100	0.0037	0.00175 J	NA	
MW-5	09/21/2023	0.000175 J	<0.00100	0.00226	0.000947 J	**427**	
MW-5	12/11/2023	0.0000981 J	<0.00100	0.000871 J	0.000238 J	NA	Duplicate 1 Sample Collected
MW-5 (Duplicate 1)	12/11/2023	0.000234 J	<0.00100	0.0020	0.000473 J	NA	
MW-6	6/2008	<0.002	<0.002	<0.002	<0.006	NA	
MW-6	9/2008	<0.002	<0.002	<0.002	<0.006	**363**	
MW-6	12/2008	<0.002	<0.002	<0.002	<0.006	**325**	
MW-6	3/2009	<0.002	<0.002	<0.002	<0.006	**298**	
MW-6	5/2009	<0.002	<0.002	<0.002	<0.006	**308**	
MW-6	9/2009	<0.002	<0.002	<0.002	<0.006	**296**	
MW-6	12/2009	<0.002	<0.002	<0.002	<0.006	**393**	
MW-6	3/2010	<0.002	<0.002	<0.002	<0.006	**700**	
MW-6	6/2010	<0.001	<0.002	<0.002	<0.002	**402**	
MW-6	9/2010	<0.001	<0.002	<0.002	<0.004	**337**	
MW-6	12/2010	<0.001	<0.002	<0.002	<0.004	**359**	
MW-6	03/30/2011	<0.001	<0.002	<0.002	<0.002	**386**	
MW-6	06/22/2011	<0.001	<0.002	<0.002	<0.004	**376**	
MW-6	09/17/2011	<0.001	<0.002	<0.002	<0.004	**383**	
MW-6	12/08/2011	<0.0005	<0.001	<0.001	<0.001	**372**	
MW-6	03/10/2012	<0.001	<0.002	<0.002	<0.004	**406**	
MW-6	06/05/2012	<0.001	<0.002	<0.002	<0.003	**381**	
MW-6	09/09/2012	<0.001	<0.002	<0.002	<0.003	**377**	
MW-6	12/04/2012	<0.001	<0.002	<0.002	<0.003	**358**	
MW-6	02/22/2013	<0.001	<0.002	<0.002	<0.003	**385**	
MW-6	06/02/2013	<0.001	<0.002	<0.002	<0.003	**372**	
MW-6	09/10/2013	<0.001	<0.002	<0.002	<0.003	**367**	
MW-6	12/03/2013	<0.001	<0.002	<0.002	<0.003	**373**	
MW-6	02/27/2014	<0.001	<0.002	<0.002	<0.003	**395**	
MW-6	06/03/2014	<0.001	<0.002	<0.002	<0.003	**390**	
MW-6	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-6	12/01/2014	<0.001	<0.001	<0.001	<0.003	**358**	
MW-6	02/25/2015	<0.001	<0.001	<0.001	<0.003	**389**	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
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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)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-6	06/01/2015	<0.001	<0.001	<0.001	<0.003	**417**	
MW-6	08/31/2015	<0.001	<0.001	<0.001	<0.003	**400**	
MW-6	12/14/2015	<0.001	<0.001	<0.001	<0.003	**391**	
MW-6	03/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	**385**	
MW-6	06/20/2016	<0.0010	<0.0010	<0.0010	<0.0030	**412**	
MW-6	09/26/2016	<0.0010	<0.0010	<0.0010	<0.0030	**392**	
MW-6	12/19/2016	<0.0010	<0.0010	<0.0010	0.0024	**405**	
MW-6	03/06/2017	<0.0010	<0.0010	<0.0010	<0.0010	**401**	
MW-6	06/19/2017	<0.0010	<0.0010	<0.0010	<0.0010	**386**	
MW-6	09/25/2017	<0.00100	<0.00100	<0.00100	<0.00300	**370**	
MW-6	12/19/2017	0.000607 J	<0.00100	<0.00100	<0.00300	**347**	
MW-6	03/13/2018	<0.00100	<0.00100	<0.00100	<0.00300	**365**	
MW-6	06/25/2018	<0.00100	<0.00100	<0.00100	<0.00300	**381**	
MW-6	09/19/2018	<0.00100	<0.00100	<0.00100	<0.00300	**367**	
MW-6	12/11/2018	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-6	03/19/2019	<0.00100	<0.00100	<0.00100	<0.00300	**346**	
MW-6	06/03/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-6	09/23/2019	<0.00100	<0.00100	<0.00100	<0.00300	**387**	
MW-6	12/10/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-6	06/15/2020	0.000119 J	<0.00100	<0.00100	<0.00300	NA	
MW-6	09/21/2020	<0.00100	<0.00100	<0.00100	<0.00300	**412**	
MW-6	12/14/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-6	03/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	384	
MW-6	06/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-6	09/27/2021	<0.00100	<0.00100	<0.00100	<0.00300	**388**	
MW-6	12/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-6	03/28/2022	<0.00100	<0.00100	<0.00100	<0.00300	**412**	
MW-6	06/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-6	09/20/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-6	12/08/2022	<0.00100	<0.00100	0.000186 J	0.000624 J	**374**	Chloride 12/29/2022
MW-6	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	**356**	
MW-6	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-6	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	**367**	
MW-6	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-7	6/2008	<0.002	<0.002	<0.002	<0.006	NA	
MW-7	9/2008	<0.002	<0.002	<0.002	<0.006	**378**	
MW-7	12/2008	<0.002	<0.002	<0.002	<0.006	**348**	
MW-7	3/2009	<0.002	<0.002	<0.002	<0.006	**283**	
MW-7	5/2009	<0.002	<0.002	<0.002	<0.006	**298**	
MW-7	9/2009	<0.002	<0.002	<0.002	<0.006	**273**	
MW-7	12/2009	<0.002	<0.002	<0.002	<0.006	**328**	
MW-7	3/2010	<0.002	<0.002	<0.002	<0.006	**750**	
MW-7	6/2010	0.0005	<0.002	<0.002	<0.006	**385**	
MW-7	9/2010	0.00042	<0.002	<0.002	<0.004	**326**	
MW-7	12/2010	<0.002	<0.002	<0.002	<0.006	**345**	
MW-7	03/30/2011	<0.001	<0.002	<0.002	<0.002	**382**	
MW-7	06/22/2011	<0.001	<0.002	<0.002	<0.004	**390**	
MW-7	09/17/2011	<0.001	<0.002	<0.002	<0.004	**374**	
MW-7	12/08/2011	<0.0005	<0.001	<0.001	<0.001	**376**	
MW-7	03/10/2012	<0.001	<0.002	<0.002	<0.004	**392**	
MW-7	06/05/2012	<0.001	<0.002	<0.002	<0.003	**381**	
MW-7	09/09/2012	<0.001	<0.002	<0.002	<0.003	**362**	
MW-7	12/04/2012	<0.001	<0.002	<0.002	<0.003	**334**	
MW-7	02/22/2013	0.00059	<0.002	<0.002	<0.003	**363**	
MW-7	06/02/2013	<0.001	<0.002	<0.002	<0.003	**361**	
MW-7	09/10/2013	<0.001	<0.002	<0.002	<0.003	**332**	
MW-7	12/03/2013	<0.001	<0.002	<0.002	<0.003	**350**	
MW-7	02/27/2014	<0.001	<0.002	<0.002	<0.003	**358**	
MW-7	06/03/2014	<0.001	<0.002	<0.002	<0.003	**359**	
MW-7	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-7	12/01/2014	<0.001	<0.001	<0.001	<0.003	**332**	
MW-7	02/25/2015	<0.001	<0.001	<0.001	<0.003	**393**	
MW-7	06/01/2015	<0.001	<0.001	<0.001	<0.003	**371**	
MW-7	08/31/2015	<0.001	<0.001	<0.001	<0.003	**359**	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-7	12/14/2015	<0.001	<0.001	<0.001	<0.003	**338**	
MW-7	03/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	**355**	
MW-7	06/20/2016	<0.0010	<0.0010	<0.0010	<0.0030	**379**	
MW-7	09/26/2016	<0.0010	<0.0010	<0.0010	<0.0030	**365**	
MW-7	12/19/2016	<0.0010	<0.0010	<0.0010	<0.0010	**358**	
MW-7	03/06/2017	<0.0010	<0.0010	<0.0010	<0.0010	**368**	
MW-7	06/19/2017	<0.0010	<0.0010	<0.0010	<0.0010	**342**	
MW-7	09/25/2017	<0.00100	<0.00100	<0.00100	<0.00300	**368**	
MW-7	12/19/2017	0.000562 J	<0.00100	<0.00100	<0.00300	**342**	
MW-7	03/13/2018	<0.00100	<0.00100	<0.00100	<0.00300	**346**	
MW-7	06/25/2018	<0.00100	<0.00100	<0.00100	<0.00300	**349**	
MW-7	09/19/2018	<0.00100	<0.00100	<0.00100	<0.00300	**366**	
MW-7	12/11/2018	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-7	03/19/2019	<0.00100	<0.00100	<0.00100	<0.00300	**355**	
MW-7	06/03/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-7	09/23/2019	<0.00100	<0.00100	<0.00100	<0.00300	**410**	
MW-7	12/10/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-7	06/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-7	09/21/2020	<0.00100	<0.00100	<0.00100	<0.00300	**475**	
MW-7	12/14/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-7	03/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	371	
MW-7	06/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-7	09/27/2021	<0.00100	<0.00100	<0.00100	<0.00300	**389**	
MW-7	12/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-7	03/28/2022	<0.00100	<0.00100	<0.00100	<0.00300	10.7	
MW-7	06/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-7	09/20/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-7	12/08/2022	<0.00100	<0.00100	<0.00100	0.000237 J	**372**	Chloride 12/29/2022
MW-7	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	**368**	
MW-7	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-7	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	**408**	
MW-7	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-8	6/2008	**0.0384**	0.00049	0.0255	0.0016	NA	
MW-8	9/2008	**0.0301**	<0.002	0.0161	0.002	**512**	
MW-8	12/2008	0.00233	<0.002	0.011	<0.006	**393**	
MW-8	3/2009	**0.0218**	<0.002	0.0066	<0.006	**472**	
MW-8	5/2009	0.0098	<0.002	0.0049	<0.006	**450**	
MW-8	9/2009	<0.002	<0.002	<0.002	<0.006	**477**	
MW-8	12/2009	<0.002	<0.002	<0.002	<0.006	**472**	
MW-8	3/2010	<0.002	<0.002	<0.002	<0.006	**800**	
MW-8	6/2010	<0.001	<0.002	<0.002	<0.002	**553**	
MW-8	9/2010	<0.001	<0.002	<0.002	<0.004	**486**	
MW-8	12/2010	<0.001	<0.002	<0.002	<0.004	**533**	
MW-8	03/30/2011	<0.001	<0.002	<0.002	<0.002	**529**	
MW-8	06/22/2011	<0.001	<0.002	<0.002	<0.004	**524**	
MW-8	09/17/2011	<0.001	<0.002	<0.002	<0.004	**507**	
MW-8	12/08/2011	<0.0005	<0.001	<0.001	<0.001	**521**	
MW-8	03/10/2012	<0.001	<0.002	<0.002	<0.004	**528**	
MW-8	06/05/2012	<0.001	<0.002	<0.002	<0.003	**527**	
MW-8	09/09/2012	<0.001	<0.002	<0.002	<0.003	**509**	
MW-8	12/04/2012	<0.001	<0.002	<0.002	<0.003	**500**	
MW-8	02/22/2013	0.00048	<0.002	<0.002	<0.003	**530**	
MW-8	06/02/2013	<0.001	<0.002	<0.002	<0.003	**524**	
MW-8	09/10/2013	<0.001	<0.002	<0.002	<0.003	**489**	
MW-8	12/03/2013	<0.001	<0.002	<0.002	<0.003	**508**	
MW-8	02/27/2014	<0.001	<0.002	<0.002	<0.003	**521**	
MW-8	06/03/2014	<0.001	<0.002	<0.002	<0.003	**521**	
MW-8	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-8	12/01/2014	<0.001	<0.001	<0.001	<0.003	**498**	
MW-8	02/25/2015	<0.001	<0.001	<0.001	<0.003	**523**	
MW-8	06/01/2015	<0.001	<0.001	<0.001	<0.003	**539**	
MW-8	08/31/2015	<0.001	<0.001	<0.001	<0.003	**517**	
MW-8	12/14/2015	<0.001	<0.001	<0.001	<0.003	**520**	
MW-8	03/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	**494**	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
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RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-8	06/20/2016	<0.0010	<0.0010	<0.0010	<0.0030	**492**	
MW-8	09/26/2016	<0.0010	<0.0010	<0.0010	<0.0030	**508**	
MW-8	12/19/2016	<0.0010	<0.0010	<0.0010	<0.0010	**519**	
MW-8	03/06/2017	<0.0010	<0.0010	<0.0010	<0.0010	**517**	
MW-8	06/19/2017	<0.0010	<0.0010	<0.0010	<0.0010	**514**	
MW-8	09/25/2017	<0.0010	<0.0010	<0.0010	<0.0030	**499**	
MW-8	12/19/2017	0.000433 J	<0.0010	<0.0010	<0.0030	**540**	
MW-8	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	**493**	
MW-8	06/25/2018	<0.0010	<0.0010	<0.0010	<0.0030	**562**	
MW-8	09/19/2018	<0.0010	<0.0010	<0.0010	<0.0030	**568**	
MW-8	12/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	NA	
MW-8	03/18/2019	<0.0010	<0.0010	<0.0010	<0.0030	**485**	
MW-8	06/03/2019	<0.0010	<0.0010	<0.0010	<0.0030	NA	
MW-8	09/23/2019	<0.0010	<0.0010	<0.0010	<0.0030	**637**	
MW-8	12/10/2019	<0.0010	<0.0010	<0.0010	<0.0030	NA	
MW-8	06/15/2020	<0.0010	<0.0010	<0.0010	<0.0030	NA	
MW-8	09/21/2020	<0.00100	<0.00100	<0.00100	<0.00300	**1090**	
MW-8	12/14/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-8	03/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	843	
MW-8	06/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-8	09/27/2021	<0.00100	<0.00100	<0.00100	<0.00300	**1220**	
MW-8	12/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-8	03/28/2022	<0.00100	<0.00100	<0.00100	<0.00300	**1020**	
MW-8	06/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-8	09/20/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-8	12/08/2022	<0.00100	<0.00100	<0.00100	<0.00300	**702**	Chloride 12/29/2022
MW-8	03/20/2023	0.0000944 J	<0.00100	<0.00100	<0.00300	**628**	
MW-8	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-8	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	**858**	
MW-8	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-9	6/2010	LNAPL	LNAPL	LNAPL	LNAPL	**532**	
MW-9	9/2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	12/2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	03/30/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	06/22/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	09/17/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	12/08/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	03/10/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	06/05/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	09/09/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	12/04/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	02/22/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	06/02/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	09/10/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	12/03/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	02/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	06/03/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-9	12/01/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	02/25/2015	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	06/01/2015	**3.9**	**5.6**	**1.8**	**5.2**	**408**	
MW-9	08/31/2015	**3.5**	**3.1**	0.73	**1.7**	**403**	
MW-9	12/14/2015	**4.6**	**4.6**	**0.77**	**1.8**	**389**	
MW-9	03/21/2016	**3.5**	**4.1**	**1.1**	**2.9**	**418**	
MW-9	06/20/2016	**4.4**	**5.4**	**1.1**	**3.2**	**417**	
MW-9	09/26/2016	**0.22**	0.044	0.094	0.19	**431**	
MW-9	12/19/2016	**0.32**	0.0015	0.051	0.071	**405**	
MW-9	03/06/2017	**0.92**	0.022	0.15	0.15	**378**	
MW-9	06/19/2017	**2.2**	0.29	0.47	0.64	**360**	
MW-9	09/25/2017	**5.03**	0.26	**0.842**	**0.991**	**310**	
MW-9	12/19/2017	**4.01**	0.151	**0.871**	**0.752**	**373**	
MW-9	03/13/2018	**1.79**	<0.050	0.0738	0.249	**370**	
MW-9	06/25/2018	**2.59**	0.0228 J	0.146	0.260	**327**	
MW-9	09/19/2018	**1.56**	0.00981 J	0.157	0.195	**358**	

APPENDIX A
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BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-9	12/11/2018	**1.73**	0.0123	0.108	0.198	NA	
MW-9	03/19/2019	**2.15**	0.0272	0.184	0.235	**347**	
MW-9	06/04/2019	**0.42**	0.0043 J	0.00726 J	0.0301	NA	
MW-9	09/23/2019	**0.211**	0.00206	0.00863	0.0214	**351**	
MW-9	12/11/2019	**0.0453**	0.00306	0.00481	0.0187	NA	
MW-9	06/15/2020	**1.39**	0.340	0.0830	0.211	NA	
MW-9	09/21/2020	**1.54**	0.406	0.0840	0.280	**370**	
MW-9	12/14/2020	**1.31**	0.284	0.0527	0.201	NA	
MW-9	03/29/2021	**0.599**	0.161	0.0285	0.116	394	
MW-9	06/21/2021	**1.19**	0.352	0.0748	0.250	NA	
MW-9	09/27/2021	**0.517**	0.0233	0.0128	0.086	**402**	
MW-9	12/20/2021	**0.425**	0.0704	0.0351	0.0904	NA	
MW-9	03/28/2022	**0.386**	0.0399	0.0455	0.0927	**418**	
MW-9	06/27/2022	**0.696**	0.0200	0.0595	0.118	NA	
MW-9	09/20/2022	**0.175**	<0.00100	0.00580 J	0.0175 J	NA	
MW-9	12/08/2022	**0.197**	<0.00100	0.00810 J	0.0136 J	**419**	Chloride 12/29/2022
MW-9	03/20/2023	**0.0875**	<0.00100	0.000353 J	0.000382 J	**410**	
MW-9	06/26/2023	**0.0166**	<0.00100	<0.00100	0.000381 J	NA	
MW-9	09/21/2023	**0.0586**	<0.00100	0.000228 J	0.00204 J	**399**	Duplicate Sample Collected
MW-9 (Duplicate)	09/21/2023	**0.0317**	<0.00100	<0.00100	0.00102 J	**432**	
MW-9	12/11/2023	0.00968	<0.00100	0.000228 J	0.00204 J	NA	
MW-10	6-2010	LNAPL	LNAPL	LNAPL	LNAPL	**656**	
MW-10	9-2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	12-2010	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	03/30/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	06/22/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	09/17/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	12/08/2011	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	03/10/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	06/05/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	09/09/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	12/04/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	02/22/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	06/02/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	09/10/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	12/03/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	02/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	06/03/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-10	12/01/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	02/25/2015	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	06/01/2015	**0.75**	**1.7**	**1.6**	**3**	**563**	
MW-10	08/31/2015	**0.4**	0.046	0.6	**0.59**	**529**	
MW-10	12/14/2015	**1**	0.57	**0.98**	**2.6**	**521**	
MW-10	03/21/2016	<0.50 J	<0.50	0.51	**1.6**	**531**	
MW-10	06/20/2016	**0.93**	0.024	0.65	**2**	**520**	
MW-10	09/26/2016	**0.25**	0.0015	0.26	0.42	**531**	
MW-10	12/19/2016	**0.11**	0.0033	0.6	**1.5**	**510**	
MW-10	03/06/2017	**0.092**	0.0024	0.16	0.32	**525**	
MW-10	06/19/2017	**0.093**	<0.001	0.15	0.24	**492**	
MW-10	09/25/2017	**0.448**	<0.01	0.272	0.425	**496**	
MW-10	12/19/2017	**0.537**	0.00473 J	0.265	0.435	**547**	
MW-10	03/13/2018	**0.281**	<0.0100	0.104	0.165	**530**	
MW-10	06/25/2018	**0.493**	0.00248 J	0.0490	0.0591	**464**	
MW-10	09/19/2018	**0.563**	0.00485 J	0.0470	0.0761	**486**	
MW-10	12/11/2018	**0.722**	0.0113	0.0566	0.107	NA	
MW-10	03/19/2019	**0.982**	0.0162	0.0784	0.172	**472**	
MW-10	06/04/2019	**0.889**	0.0213	0.0483	0.107	NA	
MW-10	09/23/2019	**1.28**	0.0623	0.0777	0.201	**489**	
MW-10	12/11/2019	**0.606**	<0.050	<0.050	<0.150	NA	
MW-10	06/15/2020	**0.525**	0.00278 J	0.0191	0.0382	NA	
MW-10	09/21/2020	**0.587**	0.00436 J	0.0455	0.109	**500**	
MW-10	12/14/2020	**0.35**	<0.00100	0.022	0.0758	NA	
MW-10	03/29/2021	**0.137**	0.000418 J	0.019	0.0435	487	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-10	06/21/2021	**0.22**	0.000641 J	0.0165	0.0331	NA	
MW-10	09/27/2021	**0.175**	0.000387 J	0.0173	0.023	**499**	
MW-10	12/20/2021	**0.0847**	0.000286 J	0.0155	0.0207	NA	
MW-10	03/28/2022	**0.115**	<0.00100	0.0161	0.0171	**506**	
MW-10	06/27/2022	**0.129**	<0.00100	0.00585	0.00966	NA	
MW-10	09/20/2022	**0.105**	<0.00100	0.000472 J	0.000409 J	NA	
MW-10	12/08/2022	**0.0275**	<0.00100	0.000397 J	0.000459 J	**472**	Chloride 12/29/2022
MW-10	03/20/2023	**0.0136**	<0.00100	0.000373 J	<0.00300	**446**	
MW-10	06/26/2023	0.00123	<0.00100	<0.00100	<0.00300	NA	
MW-10	09/21/2023	0.00136	<0.00100	<0.00100	<0.00300	**412**	
MW-10	12/11/2023	0.000575 J	<0.00100	<0.00100	<0.00300	NA	
MW-11	6-2010	<0.001	<0.002	<0.002	<0.004	**407**	
MW-11	9-2010	<0.001	<0.002	<0.002	<0.004	**365**	
MW-11	12-2010	<0.001	<0.002	<0.002	<0.004	**383**	
MW-11	03/30/2011	<0.001	<0.002	<0.002	<0.002	**406**	
MW-11	06/22/2011	<0.001	<0.002	<0.002	<0.004	**405**	
MW-11	09/17/2011	<0.001	<0.002	<0.002	<0.004	**390**	
MW-11	12/08/2011	<0.0005	<0.001	<0.001	<0.001	**399**	
MW-11	03/10/2012	<0.001	<0.002	<0.002	<0.004	**403**	
MW-11	06/05/2012	<0.001	<0.002	<0.002	<0.003	**417**	
MW-11	09/09/2012	<0.001	<0.002	<0.002	<0.003	**399**	
MW-11	12/04/2012	<0.001	<0.002	<0.002	<0.003	**382**	
MW-11	02/22/2013	0.0004	<0.002	<0.002	<0.003	**419**	
MW-11	06/02/2013	<0.001	<0.002	<0.002	<0.003	**424**	
MW-11	09/10/2013	<0.001	<0.002	<0.002	<0.003	**394**	
MW-11	12/03/2013	<0.001	<0.002	<0.002	<0.003	**416**	
MW-11	02/27/2014	<0.001	<0.002	<0.002	<0.003	**433**	
MW-11	06/03/2014	<0.001	<0.002	<0.002	<0.003	**434**	
MW-11	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-11	12/01/2014	<0.001	<0.001	<0.001	<0.003	**391**	
MW-11	02/25/2015	<0.001	<0.001	<0.001	<0.003	**414**	
MW-11	06/01/2015	<0.001	<0.001	<0.001	<0.003	**468**	
MW-11	08/31/2015	<0.001	<0.001	<0.001	<0.003	**429**	
MW-11	12/14/2015	<0.001	<0.001	<0.001	<0.003	**416**	
MW-11	03/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	**434**	
MW-11	06/20/2016	<0.0010	<0.0010	<0.0010	<0.0030	**471**	
MW-11	09/26/2016	<0.0010	<0.0010	<0.0010	<0.0030	**444**	
MW-11	12/19/2016	<0.0010	<0.0010	<0.0010	<0.0010	**431**	
MW-11	03/06/2017	<0.0010	<0.0010	<0.0010	<0.0010	**444**	
MW-11	06/19/2017	<0.0010	<0.0010	<0.0010	<0.0010	**436**	
MW-11	09/25/2017	<0.00100	<0.00100	<0.00100	<0.00300	**440**	
MW-11	12/19/2017	<0.00100	<0.00100	<0.00100	<0.00300	**444**	
MW-11	03/13/2018	<0.00100	<0.00100	<0.00100	<0.00300	**452**	
MW-11	06/25/2018	<0.00100	<0.00100	<0.00100	<0.00300	**420**	
MW-11	09/19/2018	<0.00100	<0.00100	<0.00100	<0.00300	**433**	
MW-11	12/11/2018	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-11	03/19/2019	<0.00100	<0.00100	<0.00100	<0.00300	**410**	
MW-11	06/03/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-11	09/23/2019	<0.00100	<0.00100	<0.00100	<0.00300	**445**	
MW-11	12/10/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-11	06/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-11	09/21/2020	<0.00100	<0.00100	<0.00100	<0.00300	**471**	
MW-11	12/14/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-11	03/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	451	
MW-11	06/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-11	09/27/2021	<0.00100	<0.00100	<0.00100	<0.00300	**493**	
MW-11	12/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-11	03/28/2022	<0.00100	<0.00100	<0.00100	<0.00300	**477**	
MW-11	06/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-11	09/20/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-11	12/08/2022	<0.00100	<0.00100	<0.00100	<0.00300	**462**	Chloride 12/29/2022
MW-11	03/20/2023	NS - DRY					
MW-11	06/26/2023	NS - DRY					
MW-11	09/21/2023	NS - DRY					

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-11	12/11/2023	NS - DRY					
MW-12	6-2010	<0.001	<0.002	<0.002	<0.004	**514**	
MW-12	9-2010	<0.001	<0.002	<0.002	<0.004	**464**	
MW-12	12-2010	<0.001	<0.002	<0.002	<0.004	**501**	
MW-12	03/30/2011	<0.001	<0.002	<0.002	<0.002	**498**	
MW-12	06/22/2011	<0.001	<0.002	<0.002	<0.004	**497**	
MW-12	09/17/2011	<0.001	<0.002	<0.002	<0.004	**493**	
MW-12	12/08/2011	<0.0005	<0.001	<0.001	<0.001	**493**	
MW-12	03/10/2012	<0.001	<0.002	<0.002	<0.004	**513**	
MW-12	06/05/2012	<0.001	<0.002	<0.002	<0.003	**507**	
MW-12	09/09/2012	<0.001	<0.002	<0.002	<0.003	**487**	
MW-12	12/04/2012	<0.001	<0.002	<0.002	<0.003	**469**	
MW-12	02/22/2013	0.00041	<0.002	<0.002	<0.003	**484**	
MW-12	06/02/2013	<0.001	<0.002	<0.002	<0.003	**461**	
MW-12	09/10/2013	<0.001	<0.002	<0.002	<0.003	**428**	
MW-12	12/03/2013	<0.001	<0.002	<0.002	0.0031	**412**	
MW-12	02/27/2014	<0.001	<0.002	<0.002	0.0024 J	**414**	
MW-12	06/03/2014	<0.001	<0.002	<0.002	<0.003	**377**	
MW-12	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-12	12/01/2014	<0.001	<0.001	<0.001	<0.003	**300**	
MW-12	02/25/2015	<0.001	<0.001	<0.001	<0.003	**322**	
MW-12	06/01/2015	<0.001	<0.001	<0.001	<0.003	**351**	
MW-12	08/31/2015	<0.001	<0.001	<0.001	<0.003	**310**	
MW-12	12/14/2015	<0.001	<0.001	<0.001	<0.003	**295**	
MW-12	03/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	**301**	
MW-12	06/20/2016	<0.0010	<0.0010	<0.0010	<0.0030	**309**	
MW-12	09/26/2016	<0.0010	<0.0010	<0.0010	<0.0030	**316**	
MW-12	12/19/2016	<0.0010	<0.0010	<0.0010	<0.0010	**309**	
MW-12	03/06/2017	<0.0010	<0.0010	<0.0010	<0.0010	**310**	
MW-12	06/19/2017	<0.0010	<0.0010	<0.0010	<0.0010	**314**	
MW-12	09/25/2017	<0.0010	<0.0010	<0.0010	<0.0030	**323**	
MW-12	12/19/2017	<0.0010	<0.0010	<0.0010	<0.0030	**387**	
MW-12	03/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	**354**	
MW-12	06/25/2018	<0.0010	<0.0010	<0.0010	<0.0030	**338**	
MW-12	09/19/2018	<0.0010	<0.0010	<0.0010	<0.0030	**358**	
MW-12	12/11/2018	<0.0010	<0.0010	<0.0010	<0.0030	NA	
MW-12	03/19/2019	<0.0010	<0.0010	<0.0010	<0.0030	**378**	
MW-12	06/03/2019	<0.0010	<0.0010	<0.0010	<0.0030	NA	
MW-12	09/23/2019	<0.0010	<0.0010	<0.0010	<0.0030	**401**	
MW-12	12/10/2019	<0.0010	<0.0010	<0.0010	<0.0030	NA	
MW-12	06/15/2020	<0.0010	<0.0010	<0.0010	<0.0030	NA	
MW-12	09/21/2020	<0.00100	<0.00100	<0.00100	<0.00300	**413**	
MW-12	12/14/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-12	03/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	412	
MW-12	06/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-12	09/27/2021	<0.00100	<0.00100	<0.00100	<0.00300	**428**	
MW-12	12/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-12	03/28/2022	<0.00100	<0.00100	<0.00100	<0.00300	**496**	
MW-12	06/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-12	09/20/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-12	12/08/2022	<0.00100	<0.00100	<0.00100	<0.00300	**430**	Chloride 12/29/2022
MW-12	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	**414**	
MW-12	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-12	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	**442**	
MW-12	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-13	03/30/2011	<0.001	<0.002	<0.002	<0.002	**326**	
MW-13	06/22/2011	<0.001	<0.002	<0.002	<0.004	**340**	
MW-13	09/17/2011	<0.001	<0.002	<0.002	<0.004	**317**	
MW-13	12/08/2011	<0.0005	<0.001	<0.001	<0.001	**328**	
MW-13	03/10/2012	<0.001	<0.002	<0.002	<0.004	**331**	
MW-13	06/05/2012	<0.001	<0.002	<0.002	<0.003	**335**	
MW-13	09/09/2012	<0.001	<0.002	<0.002	<0.003	**321**	
MW-13	12/04/2012	<0.001	<0.002	<0.002	<0.003	**317**	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-13	02/22/2013	0.00073	<0.002	<0.002	<0.003	**337**	
MW-13	06/02/2013	<0.001	<0.002	<0.002	<0.003	**333**	
MW-13	09/10/2013	<0.001	<0.002	<0.002	<0.003	**311**	
MW-13	12/03/2013	<0.001	<0.002	<0.002	<0.003	**330**	
MW-13	02/27/2014	<0.001	<0.002	<0.002	<0.003	**344**	
MW-13	06/03/2014	<0.001	<0.002	<0.002	<0.003	**354**	MS/MSD Sample Collected
MW-13	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-13	12/01/2014	<0.001	<0.001	<0.001	<0.003	**310**	
MW-13	02/25/2015	<0.001	<0.001	<0.001	<0.003	**326**	
MW-13	06/01/2015	<0.001	<0.001	<0.001	<0.003	**362**	
MW-13	08/31/2015	<0.001	<0.001	<0.001	<0.003	**332**	
MW-13	12/14/2015	<0.001	<0.001	<0.001	<0.003	**315**	
MW-13	03/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	**330**	
MW-13	06/20/2016	<0.0010	<0.0010	<0.0010	<0.0030	**328**	
MW-13	09/26/2016	<0.0010	<0.0010	<0.0010	<0.0030	**339**	
MW-13	12/19/2016	<0.0010	<0.0010	<0.0010	<0.0010	**333**	
MW-13	03/06/2017	<0.0010	<0.0010	<0.0010	<0.0010	**340**	
MW-13	06/19/2017	<0.0010	<0.0010	<0.0010	<0.0010	**313**	
MW-13	09/25/2017	<0.00100	<0.00100	<0.00100	<0.00300	**327**	
MW-13	12/19/2017	<0.00100	<0.00100	<0.00100	<0.00300	**318**	
MW-13	03/13/2018	<0.00100	<0.00100	<0.00100	<0.00300	**339**	
MW-13	06/25/2018	<0.00100	<0.00100	<0.00100	<0.00300	**313**	
MW-13	09/19/2018	<0.00100	<0.00100	<0.00100	<0.00300	**338**	
MW-13	12/11/2018	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-13	03/18/2019	<0.00100	<0.00100	<0.00100	<0.00300	**330**	
MW-13	06/03/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-13	09/23/2019	<0.00100	<0.00100	<0.00100	<0.00300	**346**	
MW-13	12/10/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-13	06/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-13	09/21/2020	<0.00100	<0.00100	<0.00100	<0.00300	**385**	
MW-13	12/14/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-13	03/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	389	
MW-13	06/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-13	09/27/2021	<0.00100	<0.00100	<0.00100	<0.00300	**409**	
MW-13	12/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-13	03/28/2022	<0.00100	<0.00100	<0.00100	<0.00300	**445**	
MW-13	06/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-13	09/20/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-13	12/08/2022	<0.00100	<0.00100	<0.00100	<0.00300	**425**	Chloride 12/29/2022
MW-13	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	**403**	
MW-13	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-13	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	**418**	
MW-13	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-14	03/30/2011	<0.001	<0.002	<0.002	<0.002	**520**	
MW-14	06/22/2011	<0.001	<0.002	<0.002	<0.004	**494**	
MW-14	09/17/2011	<0.001	<0.002	<0.002	<0.004	**478**	
MW-14	12/08/2011	<0.0005	<0.001	<0.001	<0.001	**521**	
MW-14	03/10/2012	<0.001	<0.002	<0.002	<0.004	**528**	
MW-14	06/05/2012	<0.001	<0.002	<0.002	<0.003	**513**	
MW-14	09/09/2012	<0.001	<0.002	<0.002	<0.003	**536**	
MW-14	12/04/2012	<0.001	<0.002	<0.002	<0.003	**544**	
MW-14	02/22/2013	0.00034	<0.002	<0.002	<0.003	**553**	
MW-14	06/02/2013	<0.001	<0.002	<0.002	<0.003	**538**	
MW-14	09/10/2013	<0.001	<0.002	<0.002	<0.003	**486**	
MW-14	12/03/2013	<0.001	<0.002	<0.002	<0.003	**519**	
MW-14	02/27/2014	<0.001	<0.002	<0.002	<0.003	**516**	
MW-14	06/03/2014	<0.001	<0.002	<0.002	<0.003	**547**	
MW-14	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-14	12/01/2014	<0.001	<0.001	<0.001	<0.003	**482**	
MW-14	02/25/2015	<0.001	<0.001	<0.001	<0.003	**477**	
MW-14	06/01/2015	<0.001	<0.001	<0.001	<0.003	**502**	
MW-14	08/31/2015	<0.001	<0.001	<0.001	<0.003	**472**	
MW-14	12/14/2015	<0.001	<0.001	<0.001	<0.003	**430**	
MW-14	03/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	**445**	

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-14	06/20/2016	<0.0010	<0.0010	<0.0010	<0.0030	**451**	
MW-14	09/26/2016	<0.0010	0.0011	<0.0010	<0.0030	**455**	
MW-14	12/19/2016	<0.0010	0.0011	<0.0010	<0.0010	**432**	
MW-14	03/06/2017	<0.0010	<0.0010	<0.0010	<0.0010	**422**	
MW-14	06/19/2017	<0.0010	<0.0010	<0.0010	<0.0010	**398**	
MW-14	09/25/2017	<0.00100	<0.00100	<0.00100	<0.00300	**397**	
MW-14	12/19/2017	<0.00100	<0.00100	<0.00100	<0.00300	**431**	
MW-14	03/13/2018	<0.00100	<0.00100	<0.00100	<0.00300	**398**	
MW-14	06/25/2018	<0.00100	<0.00100	<0.00100	<0.00300	**369**	
MW-14	09/18/2018	<0.00100	<0.00100	<0.00100	<0.00300	**389**	
MW-14	12/11/2018	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-14	03/18/2019	<0.00100	<0.00100	<0.00100	<0.00300	**370**	
MW-14	06/03/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-14	09/23/2019	<0.00100	<0.00100	<0.00100	<0.00300	**375**	
MW-14	12/10/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-14	06/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-14	09/21/2020	<0.00100	<0.00100	<0.00100	<0.00300	**399**	
MW-14	12/14/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-14	03/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	408	
MW-14	06/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-14	09/27/2021	<0.00100	<0.00100	<0.00100	<0.00300	**420**	
MW-14	12/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-14	03/28/2022	<0.00100	<0.00100	<0.00100	<0.00300	**446**	
MW-14	06/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-14	09/20/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-14	12/08/2022	<0.00100	<0.00100	<0.00100	<0.00300	**417**	Chloride 12/29/2022
MW-14	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	**394**	
MW-14	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-14	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	**377**	
MW-14	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-15	03/30/2011	<0.001	<0.002	<0.002	<0.002	**303**	
MW-15	06/22/2011	<0.001	<0.002	<0.002	<0.004	**297**	
MW-15	09/17/2011	<0.001	<0.002	<0.002	<0.004	**294**	
MW-15	12/08/2011	<0.0005	<0.001	<0.001	<0.001	**288**	
MW-15	03/10/2012	<0.001	<0.002	<0.002	<0.004	**308**	
MW-15	06/05/2012	<0.001	<0.002	<0.002	<0.003	**276**	
MW-15	09/09/2012	<0.001	<0.002	<0.002	<0.003	**318**	
MW-15	12/04/2012	<0.001	<0.002	<0.002	<0.003	**313**	
MW-15	02/22/2013	0.00034	<0.002	<0.002	<0.003	**333**	
MW-15	06/02/2013	<0.001	<0.002	<0.002	<0.003	**324**	
MW-15	09/10/2013	<0.001	<0.002	<0.002	<0.003	**331**	
MW-15	12/03/2013	<0.001	<0.002	<0.002	<0.003	**365**	
MW-15	02/27/2014	<0.001	<0.002	<0.002	<0.003	**378**	
MW-15	06/03/2014	<0.001	<0.002	<0.002	<0.003	**374**	
MW-15	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-15	12/01/2014	<0.001	<0.001	<0.001	<0.003	**334**	
MW-15	02/25/2015	<0.001	<0.001	<0.001	<0.003	**362**	
MW-15	06/01/2015	<0.001	<0.001	<0.001	<0.003	**407**	
MW-15	08/31/2015	<0.001	<0.001	<0.001	<0.003	**405**	
MW-15	12/14/2015	<0.001	<0.001	<0.001	<0.003	**390**	
MW-15	03/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	**409**	
MW-15	06/20/2016	<0.0010	<0.0010	<0.0010	<0.0030	**405**	
MW-15	09/26/2016	<0.0010	<0.0010	<0.0010	<0.0030	**430**	
MW-15	12/19/2016	<0.0010	<0.0010	<0.0010	<0.0010	**418**	
MW-15	03/06/2017	<0.0010	<0.0010	<0.0010	<0.0010	**438**	
MW-15	06/19/2017	<0.0010	<0.0010	<0.0010	<0.0010	**401**	
MW-15	09/25/2017	<0.00100	<0.00100	<0.00100	<0.00300	**422**	
MW-15	12/19/2017	<0.00100	<0.00100	<0.00100	<0.00300	**398**	
MW-15	03/13/2018	<0.00100	<0.00100	<0.00100	<0.00300	**424**	
MW-15	06/25/2018	<0.00100	<0.00100	<0.00100	<0.00300	**391**	
MW-15	09/18/2018	<0.00100	<0.00100	<0.00100	<0.00300	**417**	
MW-15	12/11/2018	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-15	03/18/2019	<0.00100	<0.00100	<0.00100	<0.00300	**427**	
MW-15	06/03/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	

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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)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-15	09/23/2019	<0.00100	<0.00100	<0.00100	<0.00300	**417**	
MW-15	12/10/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-15	06/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-15	09/21/2020	<0.00100	<0.00100	<0.00100	<0.00300	**451**	
MW-15	12/14/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-15	03/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	454	
MW-15	06/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-15	09/27/2021	<0.00100	<0.00100	<0.00100	<0.00300	**470**	
MW-15	12/20/2021	<0.00100	<0.00100	<0.00100	0.000187 J	NA	
MW-15	03/28/2022	<0.00100	<0.00100	<0.00100	<0.00300	**472**	
MW-15	06/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-15	09/20/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-15	12/08/2022	<0.00100	<0.00100	<0.00100	<0.00300	**439**	Chloride 12/29/2022
MW-15	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	**422**	
MW-15	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-15	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	**469**	
MW-15	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-16	03/30/2011	<0.001	<0.002	<0.002	<0.002	**295**	
MW-16	06/22/2011	<0.001	<0.002	<0.002	<0.004	**292**	
MW-16	09/17/2011	<0.001	<0.002	<0.002	<0.004	**295**	
MW-16	12/08/2011	<0.0005	<0.001	<0.001	<0.001	**313**	
MW-16	03/10/2012	<0.001	<0.002	<0.002	<0.004	**322**	
MW-16	06/05/2012	<0.001	<0.002	<0.002	<0.003	**334**	
MW-16	09/09/2012	<0.001	<0.002	<0.002	<0.003	**334**	
MW-16	12/04/2012	<0.001	<0.002	<0.002	<0.003	**339**	
MW-16	02/22/2013	<0.001	<0.002	<0.002	<0.003	**358**	
MW-16	06/02/2013	<0.001	<0.002	<0.002	<0.003	**364**	
MW-16	09/10/2013	<0.001	<0.002	<0.002	<0.003	**359**	
MW-16	12/03/2013	<0.001	<0.002	<0.002	<0.003	**394**	
MW-16	02/27/2014	<0.001	<0.002	<0.002	<0.003	**424**	
MW-16	06/03/2014	<0.001	<0.002	<0.002	<0.003	**333**	
MW-16	Third Quarter 2014 Sampling Suspended Due to Site Inaccessibility						
MW-16	12/01/2014	<0.001	<0.001	<0.001	<0.003	**418**	
MW-16	02/25/2015	<0.001	<0.001	<0.001	<0.003	**435**	
MW-16	06/01/2015	<0.001	<0.001	<0.001	<0.003	**458**	
MW-16	08/31/2015	<0.001	<0.001	<0.001	<0.003	**425**	
MW-16	12/14/2015	<0.001	<0.001	<0.001	<0.003	**469**	
MW-16	03/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	**437**	
MW-16	06/20/2016	<0.0010	<0.0010	<0.0010	<0.0030	**423**	
MW-16	09/26/2016	<0.0010	<0.0010	<0.0010	<0.0030	**463**	
MW-16	12/19/2016	<0.0010	<0.0010	<0.0010	<0.0010	**445**	
MW-16	03/06/2017	<0.0010	<0.0010	<0.0010	<0.0010	**433**	
MW-16	06/19/2017	<0.0010	<0.0010	<0.0010	<0.0010	**435**	
MW-16	09/25/2017	<0.00100	<0.00100	<0.00100	<0.00300	**437**	
MW-16	12/19/2017	<0.00100	<0.00100	<0.00100	<0.00300	**488**	
MW-16	03/13/2018	<0.00100	<0.00100	<0.00100	<0.00300	**454**	
MW-16	06/25/2018	<0.00100	<0.00100	<0.00100	<0.00300	**437**	
MW-16	09/19/2018	<0.00100	<0.00100	<0.00100	<0.00300	**471**	
MW-16	12/11/2018	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-16	03/18/2019	<0.00100	<0.00100	<0.00100	<0.00300	**481**	
MW-16	06/03/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-16	09/23/2019	<0.00100	<0.00100	<0.00100	<0.00300	**489**	
MW-16	12/10/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-16	06/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-16	09/21/2020	<0.00100	<0.00100	<0.00100	<0.00300	**551**	
MW-16	12/14/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-16	03/29/2021	<0.00100	<0.00100	<0.00100	<0.00300	583	
MW-16	06/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-16	09/27/2021	<0.00100	<0.00100	<0.00100	<0.00300	**574**	
MW-16	12/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-16	03/28/2022	<0.00100	<0.00100	<0.00100	<0.00300	**630**	
MW-16	06/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-16	09/20/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
MW-16	12/08/2022	<0.00100	<0.00100	<0.00100	<0.00300	**577**	Chloride 12/29/2022

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	**250**	
MW-16	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	**547**	
MW-16	06/26/2023	0.000109 J	<0.00100	<0.00100	<0.00300	NA	
MW-16	09/21/2023	0.000109 J	<0.00100	<0.00100	<0.00300	**536**	
MW-16	12/11/2023	0.00012 J	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	06/03/2014	<0.001	<0.001	<0.001	<0.003	NA	
Trip Blank	12/01/2014	<0.001	<0.001	<0.001	<0.003	NA	
Trip Blank	02/25/2015	<0.001	<0.001	<0.001	<0.003	NA	
Trip Blank	06/01/2015	<0.001	<0.001	<0.001	<0.003	NA	
Trip Blank	08/31/2015	<0.001	<0.001	<0.001	<0.003	NA	
Trip Blank	12/14/2015	<0.001	<0.001	<0.001	<0.003	NA	
Trip Blank	03/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	NA	
Trip Blank	06/20/2016	<0.0010	<0.0010	<0.0010	<0.0030	NA	
Trip Blank	09/26/2016	<0.0010	<0.0010	<0.0010	<0.0030	NA	
Trip Blank	12/19/2016	<0.0010	<0.0010	<0.0010	<0.0010	NA	
Trip Blank	03/06/2017	<0.0010	<0.0010	<0.0010	<0.0010	NA	
Trip Blank	06/19/2017	<0.0010	<0.0010	<0.0010	<0.0010	NA	
Trip Blank	09/25/2017	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	12/19/2017	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	03/13/2018	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	06/25/2018	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	09/19/2018	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	12/11/2018	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	03/19/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	06/04/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	09/23/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	12/11/2019	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	06/15/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	09/21/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	12/14/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	03/29/2021	<0.0010	<0.0010	<0.0010	<0.0030	NA	
Trip Blank	06/21/2021	<0.0010	<0.0010	<0.0010	<0.0030	NA	
Trip Blank	09/27/2021	<0.00100	0.000279 J	<0.00100	0.000231 J	NA	
Trip Blank	12/20/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	03/28/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	06/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	09/20/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	12/08/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	Chloride 12/29/2022
Trip Blank	03/20/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	09/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	06/26/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	12/11/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	

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
B = A qualifier indicating an analyte was detected in both the sample and the associated Method Blank (MB)
J = A qualifier indicating the identification of the analyte is acceptable; the reported value is an estimate.
NS = Not Sampled
NA = Not Analyzed
mg/L = milligrams per liter

Appendix B

Laboratory Analytical Report

- Pace Analytical Job #: L1596004
- Pace Analytical Job #: L1630641
- Pace Analytical Job #: L1661192
- Pace Analytical Job #: L1688211

ANALYTICAL REPORT

March 28, 2023

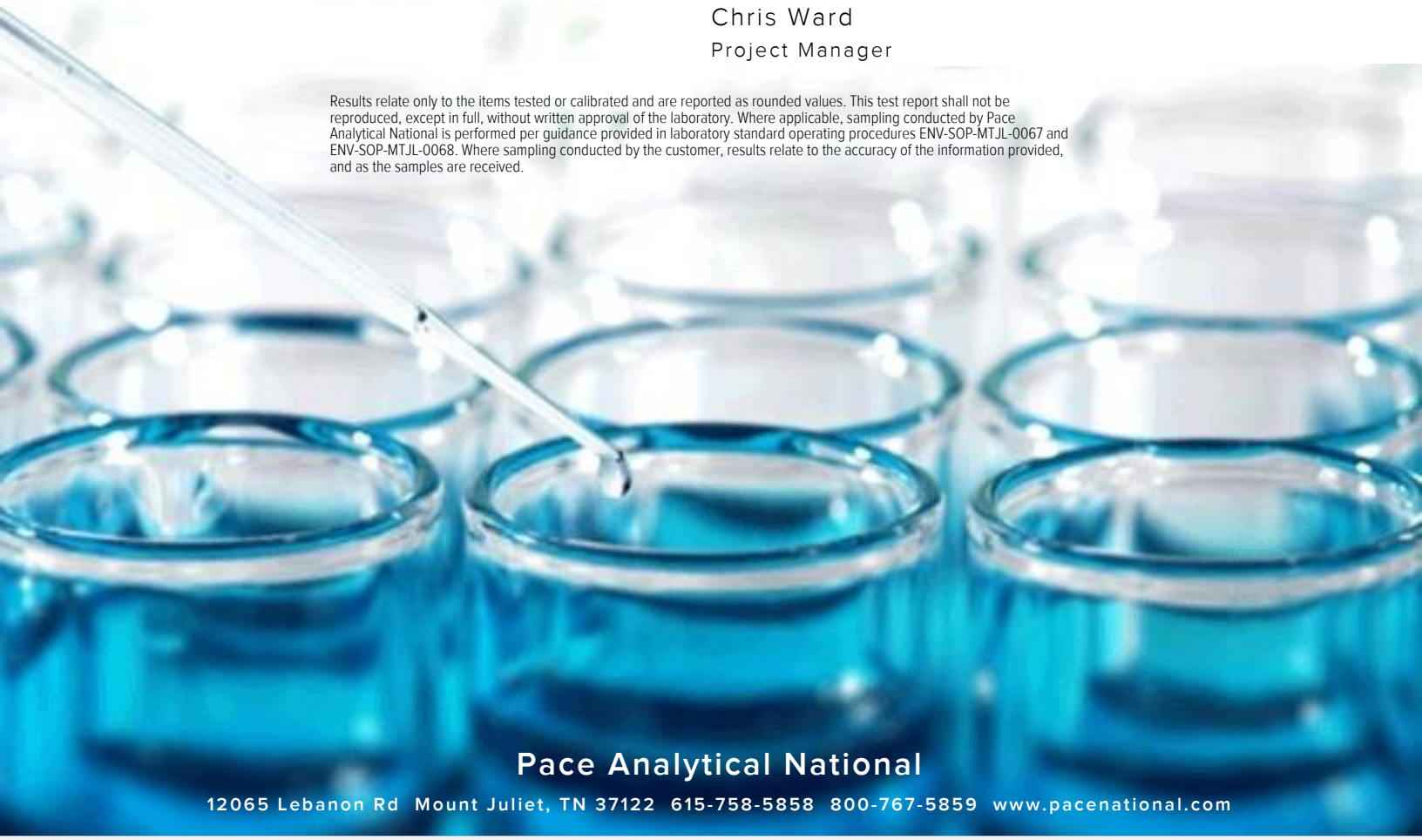
DCP Midstream - Tasman

Sample Delivery Group:	L1596947
Samples Received:	03/22/2023
Project Number:	390761103
Description:	RR - Extension Pipeline Release

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

Entire Report Reviewed By: Chris Ward

Chris Ward
Project Manager



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

TABLE OF CONTENTS

MW-1 L1596947-01 GW

Collected by: Chris Flores | Collected date/time: 03/20/23 09:12 | Received date/time: 03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 02:12	03/28/23 02:12	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2028398	1	03/24/23 18:40	03/24/23 18:40	JHH	Mt. Juliet, TN

MW-2 L1596947-02 GW

Collected by: Chris Flores | Collected date/time: 03/20/23 14:07 | Received date/time: 03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 02:25	03/28/23 02:25	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2028398	1	03/24/23 19:02	03/24/23 19:02	JHH	Mt. Juliet, TN

MW-4 L1596947-03 GW

Collected by: Chris Flores | Collected date/time: 03/20/23 13:18 | Received date/time: 03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 02:38	03/28/23 02:38	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2029087	1	03/25/23 06:18	03/25/23 06:18	JAH	Mt. Juliet, TN

MW-5 L1596947-04 GW

Collected by: Chris Flores | Collected date/time: 03/20/23 11:06 | Received date/time: 03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 02:52	03/28/23 02:52	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2029087	1	03/25/23 06:37	03/25/23 06:37	JAH	Mt. Juliet, TN

MW-6 L1596947-05 GW

Collected by: Chris Flores | Collected date/time: 03/20/23 11:18 | Received date/time: 03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 03:05	03/28/23 03:05	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2029087	1	03/25/23 06:57	03/25/23 06:57	JAH	Mt. Juliet, TN

MW-7 L1596947-06 GW

Collected by: Chris Flores | Collected date/time: 03/20/23 10:20 | Received date/time: 03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 03:19	03/28/23 03:19	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2029087	1	03/25/23 07:16	03/25/23 07:16	JAH	Mt. Juliet, TN

MW-8 L1596947-07 GW

Collected by: Chris Flores | Collected date/time: 03/20/23 09:24 | Received date/time: 03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 03:59	03/28/23 03:59	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2029890	1	03/25/23 14:29	03/25/23 14:29	JAH	Mt. Juliet, TN

MW-9 L1596947-08 GW

Collected by	Collected date/time	Received date/time
Chris Flores	03/20/23 13:52	03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 04:12	03/28/23 04:12	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2030431	1	03/27/23 01:27	03/27/23 01:27	DWR	Mt. Juliet, TN

MW-10 L1596947-09 GW

Collected by	Collected date/time	Received date/time
Chris Flores	03/20/23 13:08	03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 04:26	03/28/23 04:26	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2029986	1	03/25/23 11:51	03/25/23 11:51	JAH	Mt. Juliet, TN

MW-12 L1596947-10 GW

Collected by	Collected date/time	Received date/time
Chris Flores	03/20/23 11:59	03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 04:39	03/28/23 04:39	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2029986	1	03/25/23 12:11	03/25/23 12:11	JAH	Mt. Juliet, TN

MW-13 L1596947-11 GW

Collected by	Collected date/time	Received date/time
Chris Flores	03/20/23 09:58	03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 04:52	03/28/23 04:52	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2029986	1	03/25/23 12:33	03/25/23 12:33	JAH	Mt. Juliet, TN

MW-14 L1596947-12 GW

Collected by	Collected date/time	Received date/time
Chris Flores	03/20/23 12:48	03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 05:06	03/28/23 05:06	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2029986	1	03/25/23 12:55	03/25/23 12:55	JAH	Mt. Juliet, TN

MW-15 L1596947-13 GW

Collected by	Collected date/time	Received date/time
Chris Flores	03/20/23 12:06	03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 05:19	03/28/23 05:19	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2029986	1	03/25/23 13:17	03/25/23 13:17	JAH	Mt. Juliet, TN

MW-16 L1596947-14 GW

Collected by	Collected date/time	Received date/time
Chris Flores	03/20/23 12:24	03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 05:33	03/28/23 05:33	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2029986	1	03/25/23 13:38	03/25/23 13:38	JAH	Mt. Juliet, TN

DUPLICATE L1596947-15 GW

Collected by: Chris Flores
Collected date/time: 03/20/23 11:06
Received date/time: 03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2030993	10	03/28/23 05:46	03/28/23 05:46	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2029986	5	03/25/23 18:19	03/25/23 18:19	JAH	Mt. Juliet, TN

TRIP BLANK L1596947-16 GW

Collected by: Chris Flores
Collected date/time: 03/20/23 00:00
Received date/time: 03/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2029986	1	03/25/23 11:30	03/25/23 11:30	JAH	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

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	560		3.79	10.0	10	03/28/2023 02:12	WG2030993

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	0.000201	J	0.0000941	0.00100	1	03/24/2023 18:40	WG2028398
Toluene	U		0.000278	0.00100	1	03/24/2023 18:40	WG2028398
Ethylbenzene	0.000353	J	0.000137	0.00100	1	03/24/2023 18:40	WG2028398
Total Xylenes	0.000539	J	0.000174	0.00300	1	03/24/2023 18:40	WG2028398
(S) Toluene-d8	*99.4*			*80.0-120*		*03/24/2023 18:40*	WG2028398
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*03/24/2023 18:40*	WG2028398
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*03/24/2023 18:40*	WG2028398

MW-2
Collected date/time: 03/20/23 14:07
L1596947

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	368		3.79	10.0	10	03/28/2023 02:25	WG2030993

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	0.0588		0.0000941	0.00100	1	03/24/2023 19:02	WG2028398
Toluene	U		0.000278	0.00100	1	03/24/2023 19:02	WG2028398
Ethylbenzene	0.00421		0.000137	0.00100	1	03/24/2023 19:02	WG2028398
Total Xylenes	0.00389		0.000174	0.00300	1	03/24/2023 19:02	WG2028398
(S) Toluene-d8	*101*			*80.0-120*		*03/24/2023 19:02*	WG2028398
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*03/24/2023 19:02*	WG2028398
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*		*03/24/2023 19:02*	WG2028398

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	180		3.79	10.0	10	03/28/2023 02:38	WG2030993

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	0.0158		0.0000941	0.00100	1	03/25/2023 06:18	WG2029087
Toluene	U		0.000278	0.00100	1	03/25/2023 06:18	WG2029087
Ethylbenzene	0.0336		0.000137	0.00100	1	03/25/2023 06:18	WG2029087
Total Xylenes	0.0435		0.000174	0.00300	1	03/25/2023 06:18	WG2029087
(S) Toluene-d8	*96.4*			*80.0-120*		*03/25/2023 06:18*	WG2029087
(S) 4-Bromofluorobenzene	*90.9*			*77.0-126*		*03/25/2023 06:18*	WG2029087
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*03/25/2023 06:18*	WG2029087

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	424		3.79	10.0	10	03/28/2023 02:52	WG2030993

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	0.00304		0.0000941	0.00100	1	03/25/2023 06:37	WG2029087
Toluene	U		0.000278	0.00100	1	03/25/2023 06:37	WG2029087
Ethylbenzene	0.0140		0.000137	0.00100	1	03/25/2023 06:37	WG2029087
Total Xylenes	0.00682		0.000174	0.00300	1	03/25/2023 06:37	WG2029087
(S) Toluene-d8	*86.5*			*80.0-120*		*03/25/2023 06:37*	WG2029087
(S) 4-Bromofluorobenzene	*80.9*			*77.0-126*		*03/25/2023 06:37*	WG2029087
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*03/25/2023 06:37*	WG2029087

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	356		3.79	10.0	10	03/28/2023 03:05	WG2030993

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/25/2023 06:57	WG2029087
Toluene	U		0.000278	0.00100	1	03/25/2023 06:57	WG2029087
Ethylbenzene	U		0.000137	0.00100	1	03/25/2023 06:57	WG2029087
Total Xylenes	U		0.000174	0.00300	1	03/25/2023 06:57	WG2029087
(S) Toluene-d8	*105*			*80.0-120*		*03/25/2023 06:57*	WG2029087
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*		*03/25/2023 06:57*	WG2029087
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*03/25/2023 06:57*	WG2029087

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	368		3.79	10.0	10	03/28/2023 03:19	WG2030993

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/25/2023 07:16	WG2029087
Toluene	U		0.000278	0.00100	1	03/25/2023 07:16	WG2029087
Ethylbenzene	U		0.000137	0.00100	1	03/25/2023 07:16	WG2029087
Total Xylenes	U		0.000174	0.00300	1	03/25/2023 07:16	WG2029087
(S) Toluene-d8	*105*			*80.0-120*		*03/25/2023 07:16*	WG2029087
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*		*03/25/2023 07:16*	WG2029087
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*03/25/2023 07:16*	WG2029087

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	628		3.79	10.0	10	03/28/2023 03:59	WG2030993

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	0.0000944	J	0.0000941	0.00100	1	03/25/2023 14:29	WG2029890
Toluene	U		0.000278	0.00100	1	03/25/2023 14:29	WG2029890
Ethylbenzene	U		0.000137	0.00100	1	03/25/2023 14:29	WG2029890
Total Xylenes	U		0.000174	0.00300	1	03/25/2023 14:29	WG2029890
(S) Toluene-d8	*98.4*			*80.0-120*		*03/25/2023 14:29*	WG2029890
(S) 4-Bromofluorobenzene	*99.9*			*77.0-126*		*03/25/2023 14:29*	WG2029890
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*03/25/2023 14:29*	WG2029890

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	410		3.79	10.0	10	03/28/2023 04:12	WG2030993

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	0.0875		0.0000941	0.00100	1	03/27/2023 01:27	WG2030431
Toluene	U		0.000278	0.00100	1	03/27/2023 01:27	WG2030431
Ethylbenzene	0.000353	J	0.000137	0.00100	1	03/27/2023 01:27	WG2030431
Total Xylenes	0.000382	J	0.000174	0.00300	1	03/27/2023 01:27	WG2030431
(S) Toluene-d8	*126*	J1		*80.0-120*		*03/27/2023 01:27*	WG2030431
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*03/27/2023 01:27*	WG2030431
(S) 1,2-Dichloroethane-d4	*94.4*			*70.0-130*		*03/27/2023 01:27*	WG2030431

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	446		3.79	10.0	10	03/28/2023 04:26	WG2030993

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	0.0136		0.0000941	0.00100	1	03/25/2023 11:51	WG2029986
Toluene	U		0.000278	0.00100	1	03/25/2023 11:51	WG2029986
Ethylbenzene	0.000373	J	0.000137	0.00100	1	03/25/2023 11:51	WG2029986
Total Xylenes	U		0.000174	0.00300	1	03/25/2023 11:51	WG2029986
(S) Toluene-d8	*106*			*80.0-120*		*03/25/2023 11:51*	WG2029986
(S) 4-Bromofluorobenzene	*92.4*			*77.0-126*		*03/25/2023 11:51*	WG2029986
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*03/25/2023 11:51*	WG2029986

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	414		3.79	10.0	10	03/28/2023 04:39	WG2030993

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/25/2023 12:11	WG2029986
Toluene	U		0.000278	0.00100	1	03/25/2023 12:11	WG2029986
Ethylbenzene	U		0.000137	0.00100	1	03/25/2023 12:11	WG2029986
Total Xylenes	U		0.000174	0.00300	1	03/25/2023 12:11	WG2029986
(S) Toluene-d8	*106*			*80.0-120*		*03/25/2023 12:11*	WG2029986
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*		*03/25/2023 12:11*	WG2029986
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*03/25/2023 12:11*	WG2029986

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	403		3.79	10.0	10	03/28/2023 04:52	WG2030993

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/25/2023 12:33	WG2029986
Toluene	U		0.000278	0.00100	1	03/25/2023 12:33	WG2029986
Ethylbenzene	U		0.000137	0.00100	1	03/25/2023 12:33	WG2029986
Total Xylenes	U		0.000174	0.00300	1	03/25/2023 12:33	WG2029986
(S) Toluene-d8	*106*			*80.0-120*		*03/25/2023 12:33*	WG2029986
(S) 4-Bromofluorobenzene	*90.6*			*77.0-126*		*03/25/2023 12:33*	WG2029986
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*03/25/2023 12:33*	WG2029986

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	394		3.79	10.0	10	03/28/2023 05:06	WG2030993

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/25/2023 12:55	WG2029986
Toluene	U		0.000278	0.00100	1	03/25/2023 12:55	WG2029986
Ethylbenzene	U		0.000137	0.00100	1	03/25/2023 12:55	WG2029986
Total Xylenes	U		0.000174	0.00300	1	03/25/2023 12:55	WG2029986
(S) Toluene-d8	*107*			*80.0-120*		*03/25/2023 12:55*	WG2029986
(S) 4-Bromofluorobenzene	*96.0*			*77.0-126*		*03/25/2023 12:55*	WG2029986
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*03/25/2023 12:55*	WG2029986

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	422		3.79	10.0	10	03/28/2023 05:19	WG2030993

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/25/2023 13:17	WG2029986
Toluene	U		0.000278	0.00100	1	03/25/2023 13:17	WG2029986
Ethylbenzene	U		0.000137	0.00100	1	03/25/2023 13:17	WG2029986
Total Xylenes	U		0.000174	0.00300	1	03/25/2023 13:17	WG2029986
(S) Toluene-d8	*108*			*80.0-120*		*03/25/2023 13:17*	WG2029986
(S) 4-Bromofluorobenzene	*95.0*			*77.0-126*		*03/25/2023 13:17*	WG2029986
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*03/25/2023 13:17*	WG2029986

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	547		3.79	10.0	10	03/28/2023 05:33	WG2030993

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/25/2023 13:38	WG2029986
Toluene	U		0.000278	0.00100	1	03/25/2023 13:38	WG2029986
Ethylbenzene	U		0.000137	0.00100	1	03/25/2023 13:38	WG2029986
Total Xylenes	U		0.000174	0.00300	1	03/25/2023 13:38	WG2029986
(S) Toluene-d8	*110*			*80.0-120*		*03/25/2023 13:38*	WG2029986
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*		*03/25/2023 13:38*	WG2029986
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*03/25/2023 13:38*	WG2029986

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	428		3.79	10.0	10	03/28/2023 05:46	WG2030993

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	0.00289	J	0.000471	0.00500	5	03/25/2023 18:19	WG2029986
Toluene	U		0.00139	0.00500	5	03/25/2023 18:19	WG2029986
Ethylbenzene	0.0133		0.000685	0.00500	5	03/25/2023 18:19	WG2029986
Total Xylenes	0.00578	J	0.000870	0.0150	5	03/25/2023 18:19	WG2029986
(S) Toluene-d8	*112*			*80.0-120*		*03/25/2023 18:19*	WG2029986
(S) 4-Bromofluorobenzene	*98.8*			*77.0-126*		*03/25/2023 18:19*	WG2029986
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*03/25/2023 18:19*	WG2029986

Sample Narrative:

L1596947-15 WG2029986: Non-target compounds too high to run at a lower dilution.

TRIP BLANK
Collected date/time: 03/20/23 00:00
L1596947

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/25/2023 11:30	WG2029986
Toluene	U		0.000278	0.00100	1	03/25/2023 11:30	WG2029986
Ethylbenzene	U		0.000137	0.00100	1	03/25/2023 11:30	WG2029986
Total Xylenes	U		0.000174	0.00300	1	03/25/2023 11:30	WG2029986
(S) Toluene-d8	*108*			*80.0-120*		*03/25/2023 11:30*	WG2029986
(S) 4-Bromofluorobenzene	*98.4*			*77.0-126*		*03/25/2023 11:30*	WG2029986
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*03/25/2023 11:30*	WG2029986

Method Blank (MB)

(MB) R3906211-1 03/27/23 13:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.449	J	0.379	1.00

L1597291-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1597291-03 03/28/23 01:18 • (DUP) R3906211-3 03/28/23 01:31

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	85.8	87.3	1	1.69		15

L1597291-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1597291-04 03/28/23 07:06 • (DUP) R3906211-6 03/28/23 07:20

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	118	118	1	0.156		15

Laboratory Control Sample (LCS)

(LCS) R3906211-2 03/27/23 13:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.5	98.7	80.0-120	

L1597291-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1597291-03 03/28/23 01:18 • (MS) R3906211-4 03/28/23 01:45 • (MSD) R3906211-5 03/28/23 01:58

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	85.8	129	130	87.1	88.3	1	80.0-120			0.458	15

L1597291-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1597291-04 03/28/23 07:06 • (MS) R3906211-7 03/28/23 07:33

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	118	162	88.4	1	80.0-120	

Method Blank (MB)

(MB) R3905214-3 03/24/23 11:35

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*108*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*98.8*			*70.0-130*

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

(LCS) R3905214-1 03/24/23 09:47 • (LCSD) R3905214-2 03/24/23 10:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00443	0.00437	88.6	87.4	70.0-123			1.36	20
Toluene	0.00500	0.00438	0.00425	87.6	85.0	79.0-120			3.01	20
Ethylbenzene	0.00500	0.00534	0.00530	107	106	79.0-123			0.752	20
Xylenes, Total	0.0150	0.0159	0.0153	106	102	79.0-123			3.85	20
(S) Toluene-d8				*98.9*	*98.8*	*80.0-120*				
(S) 4-Bromofluorobenzene				*109*	*104*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*98.8*	*97.9*	*70.0-130*				

L1596463-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1596463-16 03/24/23 15:24 • (MS) R3905214-4 03/24/23 15:46 • (MSD) R3905214-5 03/24/23 16:08

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0500	0.567	0.402	0.398	0.000	0.000	10	17.0-158	V	V	1.00	27
Toluene	0.0500	U	0.0441	0.0466	88.2	93.2	10	26.0-154			5.51	28
Ethylbenzene	0.0500	0.126	0.126	0.132	0.000	12.0	10	30.0-155	J6	J6	4.65	27
Xylenes, Total	0.150	0.00579	0.156	0.174	100	112	10	29.0-154			10.9	28
(S) Toluene-d8					*97.6*	*99.5*		*80.0-120*				
(S) 4-Bromofluorobenzene					*104*	*105*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*104*	*102*		*70.0-130*				

Method Blank (MB)

(MB) R3905476-2 03/25/23 00:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*93.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

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

(LCS) R3905476-1 03/24/23 23:14 • (LCSD) R3905476-3 03/25/23 00:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00530	0.00524	106	105	70.0-123			1.14	20
Toluene	0.00500	0.00571	0.00535	114	107	79.0-120			6.51	20
Ethylbenzene	0.00500	0.00557	0.00550	111	110	79.0-123			1.26	20
Xylenes, Total	0.0150	0.0167	0.0163	111	109	79.0-123			2.42	20
(S) Toluene-d8				*105*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.0*	*94.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*105*	*105*	*70.0-130*				

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

Method Blank (MB)

(MB) R3905557-2 03/25/23 09:11

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*99.2*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*99.7*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3905557-1 03/25/23 07:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00401	80.2	70.0-123	
Toluene	0.00500	0.00449	89.8	79.0-120	
Ethylbenzene	0.00500	0.00545	109	79.0-123	
Xylenes, Total	0.0150	0.0152	101	79.0-123	
(S) Toluene-d8			*103*	*80.0-120*	
(S) 4-Bromofluorobenzene			*107*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*98.3*	*70.0-130*	

Method Blank (MB)

(MB) R3906306-3 03/25/23 09:38

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*106*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

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

(LCS) R3906306-1 03/25/23 08:13 • (LCSD) R3906306-2 03/25/23 08:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00490	0.00498	98.0	99.6	70.0-123			1.62	20
Toluene	0.00500	0.00473	0.00474	94.6	94.8	79.0-120			0.211	20
Ethylbenzene	0.00500	0.00447	0.00438	89.4	87.6	79.0-123			2.03	20
Xylenes, Total	0.0150	0.0131	0.0134	87.3	89.3	79.0-123			2.26	20
(S) Toluene-d8				*105*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.8*	*95.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*105*	*106*	*70.0-130*				

Method Blank (MB)

(MB) R3905634-2 03/26/23 23:27

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*124*	J1		*80.0-120*
(S) 4-Bromofluorobenzene	*99.3*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3905634-1 03/26/23 22:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00410	82.0	70.0-123	
Toluene	0.00500	0.00485	97.0	79.0-120	
Ethylbenzene	0.00500	0.00493	98.6	79.0-123	
Xylenes, Total	0.0150	0.0152	101	79.0-123	
(S) Toluene-d8			*119*	*80.0-120*	
(S) 4-Bromofluorobenzene			*98.8*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*97.6*	*70.0-130*	

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

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

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

Pres Chk

Report to: **Kyle Norman**

Email To: **swweathers@dcpmidstream.com;knorman@tas**

Project Description: **RR - Extension Pipeline Release**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **720-218-4003**

Client Project #

Lab Project # **DCPTASMAN-RR EXT**

Collected by (print): **Chris Flores**

Site/Facility ID #

P.O. # **0000661916**

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Date Results Needed

Quote #

No. of Cntrs

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

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

SDG # L[illegible]6947

Table G183

Acctnum: **DCPTASMAN**

Template: **T220631**

Prelogin: **P984841**

PM: **824 - Chris Ward**

PB:

Shipped Via: **FedEx Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 250mlHDPE-NoPres	CHLORIDE-BLK 250mlHDPE-NoPres	V8260BTEX 40mlAmb-HCl	V8260BTEX-BLK 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-1		GW		3/20/23	0912	4	X		X			-01
MW-2		GW		"	1407	4	X		X			-02
MW-3		GW										
MW-4		GW		3/20/23	1318	4	X		X			-03
MW-5		GW			1106	4	X		X			-04
MW-6		GW			1118	4	X		X			-05
MW-7		GW			1020	4	X		X			-06
MW-8		GW			0924	4	X		X			-07
MW-9		GW			1352	4	X		X			-08
MW-10		GW			1308	4	X		X			-09

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS V FedEx __ Courier _____

Tracking # 6094 5470 9917

Sample Receipt Checklist

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	3/20/23	14:50			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.3+0=1.3 °C Bottles Received: 40	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Tina Martinez	Date: 3.21.23 Time: 0700	Hold: Condition: NCF / OK

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

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

Pres Chk

Report to: **Kyle Norman**

Email To: **swweathers@dcpmidstream.com;knorman@tas**

Project Description: **RR - Extension Pipeline Release**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **720-218-4003**

Client Project #

Lab Project # **DCPTASMAN-RR EXT**

Collected by (print): Chris Flores

Site/Facility ID #

P.O. # **0000661916**

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # U596947

Table #

Acctnum: **DCPTASMAN**

Template: **T220631**

Prelogin: **P984841**

PM: **824 - Chris Ward**

PB:

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 250mlHDPE-NoPres	CHLORIDE-BLK 250mlHDPE-NoPres	V8260BTEX 40mlAmb-HCl	V8260BTEX-BLK 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-11		GW										
MW-12		GW		3/20/23	1159	4	X		X			-10
MW-13		GW			0958	4	X		X			-11
MW-14		GW			1248	4	X		X			-12
MW-15		GW			1206	4	X		X			-13
MW-16		GW			1224	4	X		X			-14
DUPLICATE		GW			1106	4	X		X			-15
		GW										
TRIP BLANK		GW										-16

* 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 # 6094 5470 9917

Sample Receipt Checklist

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
	3/20/23	1450			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.3+0=1.3 °C Bottles Received:	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) HANNA MURCHINSON	Date: 3-21-23 Time: 0900	Hold: Condition: NCF / OK

Pace Analytical®

ANALYTICAL REPORT

July 07, 2023

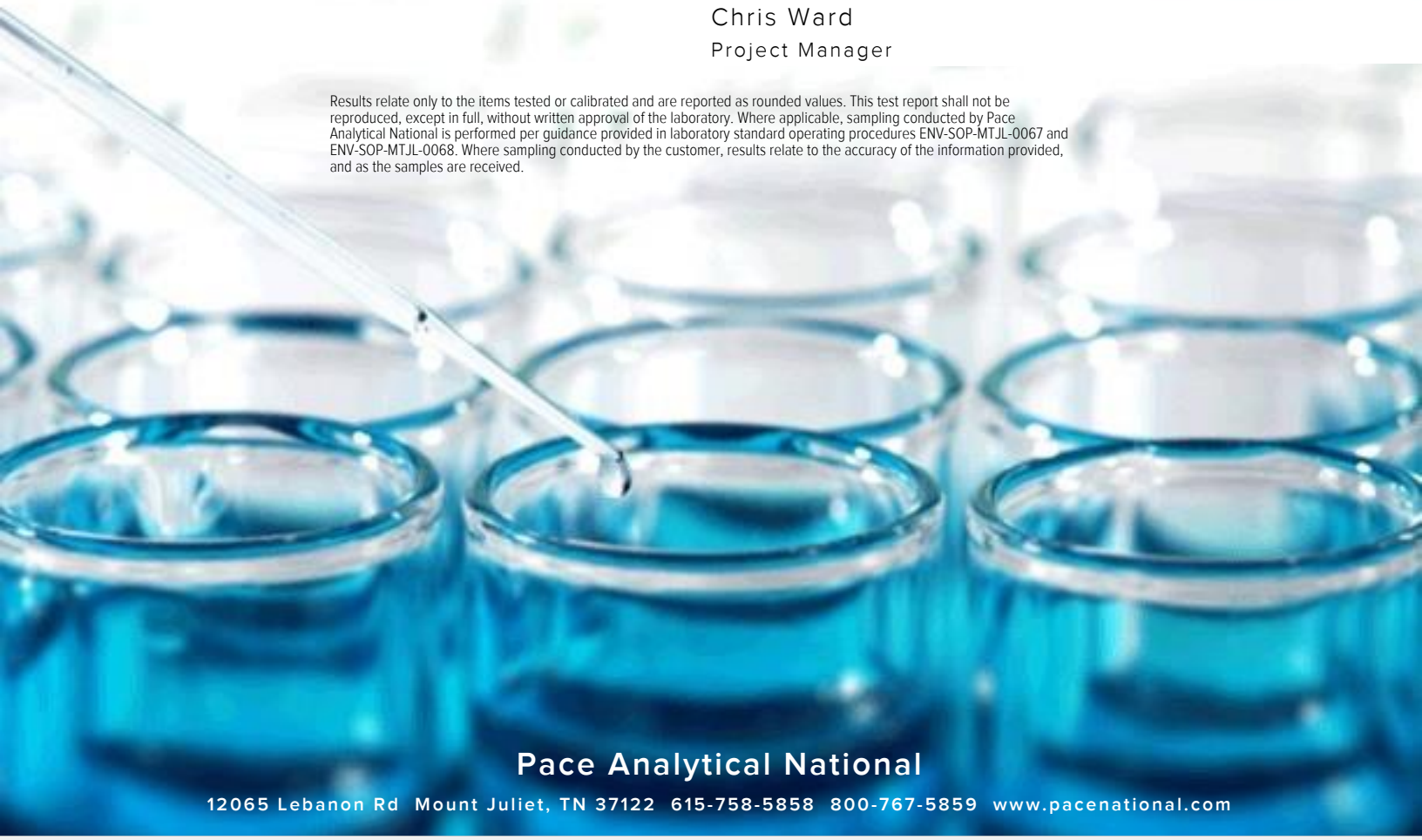
DCP Midstream - Tasman

Sample Delivery Group:	L1630039
Samples Received:	06/27/2023
Project Number:	390761103
Description:	RR - Extension Pipeline Release

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

Entire Report Reviewed By: Chris Ward

Chris Ward
Project Manager



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

TABLE OF CONTENTS

MW-1 L1630039-01 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 09:32 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088998	1	07/04/23 13:06	07/04/23 13:06	TJJ	Mt. Juliet, TN

MW-2 L1630039-02 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 10:36 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088998	1	07/04/23 13:27	07/04/23 13:27	TJJ	Mt. Juliet, TN

MW-3 L1630039-03 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 10:20 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088998	10	07/04/23 14:49	07/04/23 14:49	TJJ	Mt. Juliet, TN

MW-4 L1630039-04 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 12:00 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088998	1	07/04/23 13:47	07/04/23 13:47	TJJ	Mt. Juliet, TN

MW-5 L1630039-05 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 11:34 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088998	1	07/04/23 14:08	07/04/23 14:08	TJJ	Mt. Juliet, TN

MW-6 L1630039-06 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 11:19 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088999	1	07/04/23 12:00	07/04/23 12:00	JBE	Mt. Juliet, TN

MW-7 L1630039-07 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 10:53 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088999	1	07/04/23 12:19	07/04/23 12:19	JBE	Mt. Juliet, TN

MW-8 L1630039-08 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 09:46 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2089003	1	07/04/23 13:31	07/04/23 13:31	DYW	Mt. Juliet, TN

MW-9 L1630039-09 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 13:17 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2089003	1	07/04/23 13:52	07/04/23 13:52	DYW	Mt. Juliet, TN

MW-10 L1630039-10 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 13:48 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2089003	1	07/04/23 14:14	07/04/23 14:14	DYW	Mt. Juliet, TN

MW-12 L1630039-11 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 12:15 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2089003	1	07/04/23 14:35	07/04/23 14:35	DYW	Mt. Juliet, TN

MW-13 L1630039-12 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 10:00 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2089003	1	07/04/23 14:56	07/04/23 14:56	DYW	Mt. Juliet, TN

MW-14 L1630039-13 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 13:33 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2089003	1	07/04/23 15:17	07/04/23 15:17	DYW	Mt. Juliet, TN

MW-15 L1630039-14 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 12:38 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2089003	1	07/04/23 15:38	07/04/23 15:38	DYW	Mt. Juliet, TN

MW-16 L1630039-15 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 12:54 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2089003	1	07/04/23 15:59	07/04/23 15:59	DYW	Mt. Juliet, TN

DUPLICATE 1 L1630039-16 GW

Collected by: Chris Flores | Collected date/time: 06/26/23 00:00 | Received date/time: 06/27/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2090099	1	07/06/23 14:02	07/06/23 14:02	KSD	Mt. Juliet, TN

SAMPLE SUMMARY

TRIP BLANK L1630039-17 GW

			Collected by	Collected date/time	Received date/time	
			Chris Flores	06/26/23 00:00	06/27/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2089003	1	07/04/23 10:11	07/04/23 10:11	DYW	Mt. Juliet, TN

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

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

Chris Ward
Project Manager

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000360	J	0.0000941	0.00100	1	07/04/2023 13:06	WG2088998
Toluene	U		0.000278	0.00100	1	07/04/2023 13:06	WG2088998
Ethylbenzene	0.000407	J	0.000137	0.00100	1	07/04/2023 13:06	WG2088998
Total Xylenes	0.000343	J	0.000174	0.00300	1	07/04/2023 13:06	WG2088998
(S) Toluene-d8	*112*			*80.0-120*		*07/04/2023 13:06*	WG2088998
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*		*07/04/2023 13:06*	WG2088998
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*07/04/2023 13:06*	WG2088998

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	0.000191	J	0.0000941	0.00100	1	07/04/2023 13:27	WG2088998
Toluene	U		0.000278	0.00100	1	07/04/2023 13:27	WG2088998
Ethylbenzene	U		0.000137	0.00100	1	07/04/2023 13:27	WG2088998
Total Xylenes	U		0.000174	0.00300	1	07/04/2023 13:27	WG2088998
(S) Toluene-d8	*110*			*80.0-120*		*07/04/2023 13:27*	WG2088998
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*		*07/04/2023 13:27*	WG2088998
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*07/04/2023 13:27*	WG2088998

MW-3
Collected date/time: 06/26/23 10:20

L1630039

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	0.0834		0.000941	0.0100	10	07/04/2023 14:49	WG2088998
Toluene	U		0.00278	0.0100	10	07/04/2023 14:49	WG2088998
Ethylbenzene	0.0217		0.00137	0.0100	10	07/04/2023 14:49	WG2088998
Total Xylenes	0.0987		0.00174	0.0300	10	07/04/2023 14:49	WG2088998
(S) Toluene-d8	*113*			*80.0-120*		*07/04/2023 14:49*	WG2088998
(S) 4-Bromofluorobenzene	*99.8*			*77.0-126*		*07/04/2023 14:49*	WG2088998
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*07/04/2023 14:49*	WG2088998

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	0.00111		0.0000941	0.00100	1	07/04/2023 13:47	WG2088998
Toluene	U		0.000278	0.00100	1	07/04/2023 13:47	WG2088998
Ethylbenzene	0.00178		0.000137	0.00100	1	07/04/2023 13:47	WG2088998
Total Xylenes	0.00219	J	0.000174	0.00300	1	07/04/2023 13:47	WG2088998
(S) Toluene-d8	*109*			*80.0-120*		*07/04/2023 13:47*	WG2088998
(S) 4-Bromofluorobenzene	*98.0*			*77.0-126*		*07/04/2023 13:47*	WG2088998
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*07/04/2023 13:47*	WG2088998

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	07/04/2023 14:08	WG2088998
Toluene	U		0.000278	0.00100	1	07/04/2023 14:08	WG2088998
Ethylbenzene	0.000401	J	0.000137	0.00100	1	07/04/2023 14:08	WG2088998
Total Xylenes	0.000187	J	0.000174	0.00300	1	07/04/2023 14:08	WG2088998
(S) Toluene-d8	*116*			*80.0-120*		*07/04/2023 14:08*	WG2088998
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*07/04/2023 14:08*	WG2088998
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*07/04/2023 14:08*	WG2088998

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	07/04/2023 12:00	WG2088999
Toluene	U		0.000278	0.00100	1	07/04/2023 12:00	WG2088999
Ethylbenzene	U		0.000137	0.00100	1	07/04/2023 12:00	WG2088999
Total Xylenes	U		0.000174	0.00300	1	07/04/2023 12:00	WG2088999
(S) Toluene-d8	*117*			*80.0-120*		*07/04/2023 12:00*	WG2088999
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*07/04/2023 12:00*	WG2088999
(S) 1,2-Dichloroethane-d4	*95.9*			*70.0-130*		*07/04/2023 12:00*	WG2088999

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	07/04/2023 12:19	WG2088999
Toluene	U		0.000278	0.00100	1	07/04/2023 12:19	WG2088999
Ethylbenzene	U		0.000137	0.00100	1	07/04/2023 12:19	WG2088999
Total Xylenes	U		0.000174	0.00300	1	07/04/2023 12:19	WG2088999
(S) Toluene-d8	*110*			*80.0-120*		*07/04/2023 12:19*	WG2088999
(S) 4-Bromofluorobenzene	*98.1*			*77.0-126*		*07/04/2023 12:19*	WG2088999
(S) 1,2-Dichloroethane-d4	*91.9*			*70.0-130*		*07/04/2023 12:19*	WG2088999

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	07/04/2023 13:31	WG2089003
Toluene	U		0.000278	0.00100	1	07/04/2023 13:31	WG2089003
Ethylbenzene	U		0.000137	0.00100	1	07/04/2023 13:31	WG2089003
Total Xylenes	U		0.000174	0.00300	1	07/04/2023 13:31	WG2089003
(S) Toluene-d8	*107*			*80.0-120*		*07/04/2023 13:31*	WG2089003
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*07/04/2023 13:31*	WG2089003
(S) 1,2-Dichloroethane-d4	*98.1*			*70.0-130*		*07/04/2023 13:31*	WG2089003

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	0.0166		0.0000941	0.00100	1	07/04/2023 13:52	WG2089003
Toluene	U		0.000278	0.00100	1	07/04/2023 13:52	WG2089003
Ethylbenzene	U		0.000137	0.00100	1	07/04/2023 13:52	WG2089003
Total Xylenes	0.000381	J	0.000174	0.00300	1	07/04/2023 13:52	WG2089003
(S) Toluene-d8	*107*			*80.0-120*		*07/04/2023 13:52*	WG2089003
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*07/04/2023 13:52*	WG2089003
(S) 1,2-Dichloroethane-d4	*96.4*			*70.0-130*		*07/04/2023 13:52*	WG2089003

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	0.00123		0.0000941	0.00100	1	07/04/2023 14:14	WG2089003
Toluene	U		0.000278	0.00100	1	07/04/2023 14:14	WG2089003
Ethylbenzene	U		0.000137	0.00100	1	07/04/2023 14:14	WG2089003
Total Xylenes	U		0.000174	0.00300	1	07/04/2023 14:14	WG2089003
(S) Toluene-d8	*105*			*80.0-120*		*07/04/2023 14:14*	WG2089003
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*07/04/2023 14:14*	WG2089003
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*07/04/2023 14:14*	WG2089003

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	07/04/2023 14:35	WG2089003
Toluene	U		0.000278	0.00100	1	07/04/2023 14:35	WG2089003
Ethylbenzene	U		0.000137	0.00100	1	07/04/2023 14:35	WG2089003
Total Xylenes	U		0.000174	0.00300	1	07/04/2023 14:35	WG2089003
(S) Toluene-d8	*105*			*80.0-120*		*07/04/2023 14:35*	WG2089003
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*07/04/2023 14:35*	WG2089003
(S) 1,2-Dichloroethane-d4	*96.9*			*70.0-130*		*07/04/2023 14:35*	WG2089003

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	07/04/2023 14:56	WG2089003
Toluene	U		0.000278	0.00100	1	07/04/2023 14:56	WG2089003
Ethylbenzene	U		0.000137	0.00100	1	07/04/2023 14:56	WG2089003
Total Xylenes	U		0.000174	0.00300	1	07/04/2023 14:56	WG2089003
(S) Toluene-d8	*108*			*80.0-120*		*07/04/2023 14:56*	WG2089003
(S) 4-Bromofluorobenzene	*114*			*77.0-126*		*07/04/2023 14:56*	WG2089003
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*07/04/2023 14:56*	WG2089003

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

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	07/04/2023 15:17	WG2089003
Toluene	U		0.000278	0.00100	1	07/04/2023 15:17	WG2089003
Ethylbenzene	U		0.000137	0.00100	1	07/04/2023 15:17	WG2089003
Total Xylenes	U		0.000174	0.00300	1	07/04/2023 15:17	WG2089003
(S) Toluene-d8	*110*			*80.0-120*		*07/04/2023 15:17*	WG2089003
(S) 4-Bromofluorobenzene	*113*			*77.0-126*		*07/04/2023 15:17*	WG2089003
(S) 1,2-Dichloroethane-d4	*97.2*			*70.0-130*		*07/04/2023 15:17*	WG2089003

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	07/04/2023 15:38	WG2089003
Toluene	U		0.000278	0.00100	1	07/04/2023 15:38	WG2089003
Ethylbenzene	U		0.000137	0.00100	1	07/04/2023 15:38	WG2089003
Total Xylenes	U		0.000174	0.00300	1	07/04/2023 15:38	WG2089003
(S) Toluene-d8	*108*			*80.0-120*		*07/04/2023 15:38*	WG2089003
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*07/04/2023 15:38*	WG2089003
(S) 1,2-Dichloroethane-d4	*99.0*			*70.0-130*		*07/04/2023 15:38*	WG2089003

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	0.000109	J	0.0000941	0.00100	1	07/04/2023 15:59	WG2089003
Toluene	U		0.000278	0.00100	1	07/04/2023 15:59	WG2089003
Ethylbenzene	U		0.000137	0.00100	1	07/04/2023 15:59	WG2089003
Total Xylenes	U		0.000174	0.00300	1	07/04/2023 15:59	WG2089003
(S) Toluene-d8	*108*			*80.0-120*		*07/04/2023 15:59*	WG2089003
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*07/04/2023 15:59*	WG2089003
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*07/04/2023 15:59*	WG2089003

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	0.000272	J	0.0000941	0.00100	1	07/06/2023 14:02	WG2090099
Toluene	U		0.000278	0.00100	1	07/06/2023 14:02	WG2090099
Ethylbenzene	0.00373		0.000137	0.00100	1	07/06/2023 14:02	WG2090099
Total Xylenes	0.00175	J	0.000174	0.00300	1	07/06/2023 14:02	WG2090099
(S) Toluene-d8	*109*			*80.0-120*		*07/06/2023 14:02*	WG2090099
(S) 4-Bromofluorobenzene	*78.0*			*77.0-126*		*07/06/2023 14:02*	WG2090099
(S) 1,2-Dichloroethane-d4	*97.5*			*70.0-130*		*07/06/2023 14:02*	WG2090099

TRIP BLANK
Collected date/time: 06/26/23 00:00
L1630039

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	07/04/2023 10:11	WG2089003
Toluene	U		0.000278	0.00100	1	07/04/2023 10:11	WG2089003
Ethylbenzene	U		0.000137	0.00100	1	07/04/2023 10:11	WG2089003
Total Xylenes	U		0.000174	0.00300	1	07/04/2023 10:11	WG2089003
(S) Toluene-d8	*108*			*80.0-120*		*07/04/2023 10:11*	WG2089003
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*07/04/2023 10:11*	WG2089003
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*07/04/2023 10:11*	WG2089003

Method Blank (MB)

(MB) R3945051-3 07/04/23 07:56

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	*113*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*

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

(LCS) R3945051-1 07/04/23 06:13 • (LCSD) R3945051-2 07/04/23 06:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00484	0.00492	96.8	98.4	70.0-123			1.64	20
Toluene	0.00500	0.00485	0.00500	97.0	100	79.0-120			3.05	20
Ethylbenzene	0.00500	0.00440	0.00473	88.0	94.6	79.0-123			7.23	20
Total Xylenes	0.0150	0.0136	0.0139	90.7	92.7	79.0-123			2.18	20
(S) Toluene-d8				*112*	*111*	*80.0-120*				
(S) 4-Bromofluorobenzene				*98.1*	*97.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*110*	*117*	*70.0-130*				

Method Blank (MB)

(MB) R3945545-3 07/04/23 08:52

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	*112*			*80.0-120*
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*93.8*			*70.0-130*

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

(LCS) R3945545-1 07/04/23 07:56 • (LCSD) R3945545-2 07/04/23 08:14

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00509	0.00459	102	91.8	70.0-123			10.3	20
Toluene	0.00500	0.00523	0.00486	105	97.2	79.0-120			7.33	20
Ethylbenzene	0.00500	0.00528	0.00468	106	93.6	79.0-123			12.0	20
Total Xylenes	0.0150	0.0156	0.0142	104	94.7	79.0-123			9.40	20
(S) Toluene-d8				*111*	*111*	*80.0-120*				
(S) 4-Bromofluorobenzene				*101*	*100*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*97.5*	*92.9*	*70.0-130*				

Method Blank (MB)

(MB) R3945223-3 07/04/23 09:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	*108*			*80.0-120*
(S) 4-Bromofluorobenzene	*110*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*

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

(LCS) R3945223-1 07/04/23 08:47 • (LCSD) R3945223-2 07/04/23 09:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00510	0.00552	102	110	70.0-123			7.91	20
Toluene	0.00500	0.00454	0.00498	90.8	99.6	79.0-120			9.24	20
Ethylbenzene	0.00500	0.00473	0.00509	94.6	102	79.0-123			7.33	20
Total Xylenes	0.0150	0.0139	0.0154	92.7	103	79.0-123			10.2	20
(S) Toluene-d8				*106*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*110*	*110*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*97.4*	*96.1*	*70.0-130*				

Method Blank (MB)

(MB) R3945709-4 07/06/23 12:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*101*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

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

(LCS) R3945709-1 07/06/23 11:00 • (LCSD) R3945709-2 07/06/23 11:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00492	0.00459	98.4	91.8	70.0-123			6.94	20
Toluene	0.00500	0.00477	0.00521	95.4	104	79.0-120			8.82	20
Ethylbenzene	0.00500	0.00489	0.00508	97.8	102	79.0-123			3.81	20
Total Xylenes	0.0150	0.0146	0.0159	97.3	106	79.0-123			8.52	20
(S) Toluene-d8				*102*	*110*	*80.0-120*				
(S) 4-Bromofluorobenzene				*110*	*110*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*108*	*104*	*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

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

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

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

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

Pres Chk

Report to: **Kyle Norman**

Email To: **swweathers@dcpmidstream.com;knorman@tas**

Project Description: **RR - Extension Pipeline Release**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **720-218-4003**

Client Project #

Lab Project # **DCPTASMAN-RR EXT**

Collected by (print): Chris Flores

Site/Facility ID #

P.O. # **0000661916**

Collected by (signature):

Immediately Packed on Ice N ____ Y X

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

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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

L16300.39

SDG # ~~L1683~~ M6/27

F211

Acctnum: **DCPTASMAN**
Template: **T220631**
Prelogin: **P1004407**
PM: **824 - Chris Ward**
PB:

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 250mlHDPE-NoPres	CHLORIDE-BLK 250mlHDPE-NoPres	V8260BTEX 40mlAmb-HCl	V8260BTEX-BLK 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-1		GW		6.26.23	09:32	3	X	X	X	X		-01
MW-2		GW			10:36	3	X	X	X	X		-02
MW-3		GW			10:20	3	X	X	X	X		-03
MW-4		GW			12:00	3	X C.F.		X	X		-04
MW-5		GW			11:34	3			X	X		-05
MW-6		GW			11:19	3			X	X		-06
MW-7		GW			10:53	3			X	X		-07
MW-8		GW			09:46	3			X	X		-08
MW-9		GW			13:17	3			X	X		-09
MW-10		GW			13:48	3			X	X		-10

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 6295 0857 4726

Sample Receipt Checklist

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
	6.26.23	14:41		3	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.4 °C 5.7	Bottles Received: 48
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 06/27/23	Time: 0900

Hold: | Condition: NCF / (OK)

Company Name/Address:
DCP Midstream - Tasman

2620 W. Marland Blvd
Hobbs, NM 88240

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

Pres Chk

Report to:
Kyle Norman

Email To:
swweathers@dcpmidstream.com;knorman@tas

Project Description:
RR - Extension Pipeline Release

City/State Collected:

Please Circle: PT MT CT ET

Phone: **720-218-4003**

Client Project #

Lab Project #
DCPTASMAN-RR EXT

Collected by (print):

Site/Facility ID #

P.O. #
0000661916

Collected by (signature):

Immediately
Packed on Ice N ____ Y ____

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 250mlHDPE-NoPres	CHLORIDE-BLK 250mlHDPE-NoPres	V8260BTEX 40mlAmb-HCl	V8260BTEX-BLK 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-11		GW		CF 6.26.23								
MW-12		GW		6.26.23	12:15				X	X		-11
MW-13		GW			10:00				X	X		-12
MW-14		GW			13:33				X	X		-13
MW-15		GW			12:38				X	X		-14
MW-16		GW			12:54				X	X		-15
DUPLICATE 1		GW							X	X		-16
		GW										
TRIP BLANK		GW										-17

Chain of Custody Page ___ of ___

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

SDG # L1630039

Table #

Acctnum: **DCPTASMAN**
Template: **T220631**
Prelogin: **P1004407**
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 #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	6.26.23	14:41	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: GBAGC 5.2 Bottles Received: 48

Date: 062723 Time: 0980

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

October 02, 2023

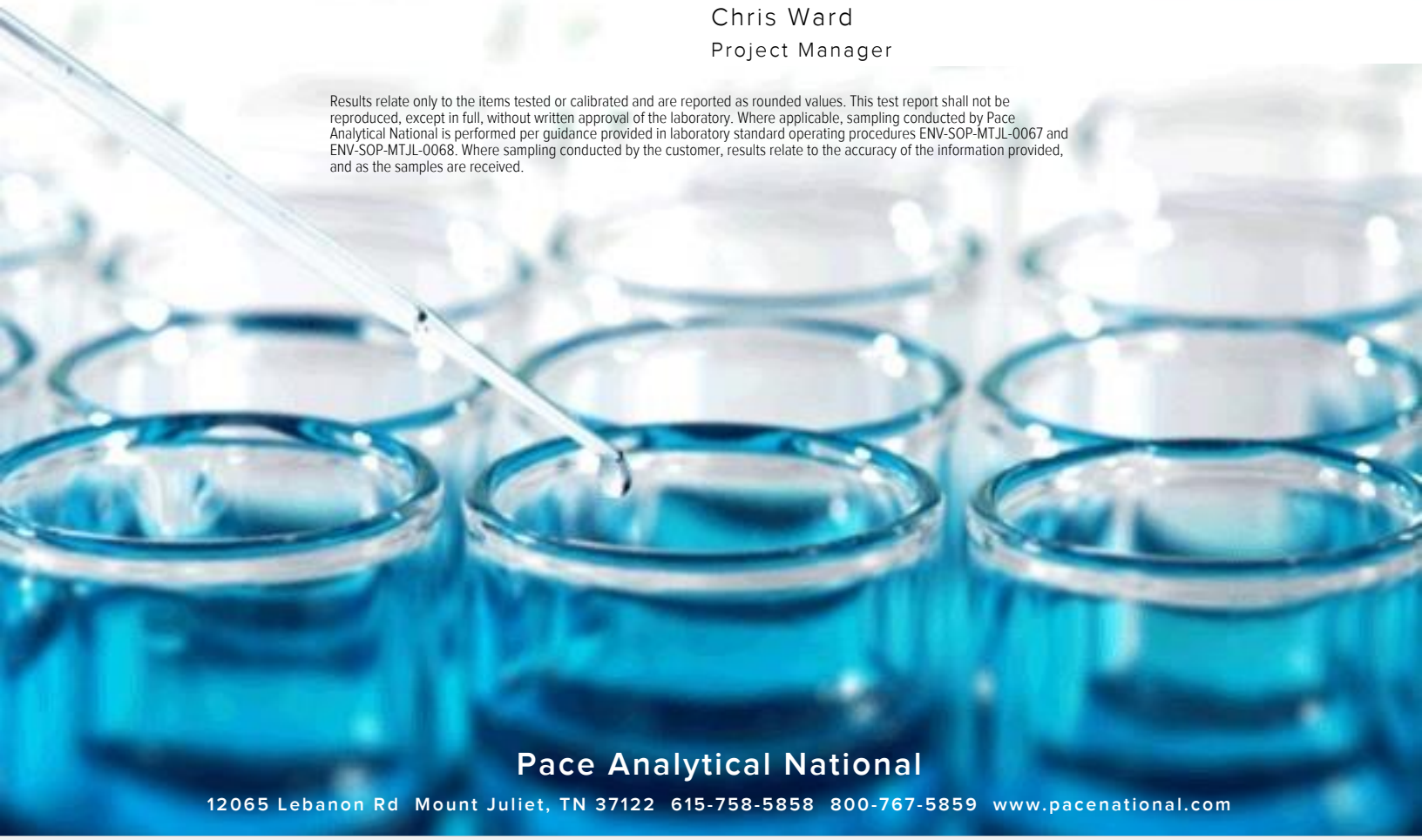
DCP Midstream - Tasman

Sample Delivery Group:	L1658899
Samples Received:	09/22/2023
Project Number:	390761103
Description:	RR - Extension Pipeline Release

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

Entire Report Reviewed By: Chris Ward

Chris Ward
Project Manager



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

TABLE OF CONTENTS

MW-1 L1658899-01 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 08:32 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140929	10	09/29/23 09:30	09/29/23 09:30	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141631	1	09/29/23 11:25	09/29/23 11:25	DYW	Mt. Juliet, TN

MW-2 L1658899-02 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 12:20 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	5	09/28/23 17:12	09/28/23 17:12	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141631	1	09/29/23 11:46	09/29/23 11:46	DYW	Mt. Juliet, TN

MW-3 L1658899-03 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 12:48 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	5	09/28/23 18:19	09/28/23 18:19	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141631	1	09/29/23 12:07	09/29/23 12:07	DYW	Mt. Juliet, TN

MW-4 L1658899-04 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 11:50 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	5	09/28/23 18:36	09/28/23 18:36	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141631	1	09/29/23 12:29	09/29/23 12:29	DYW	Mt. Juliet, TN

MW-5 L1658899-05 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 11:39 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	5	09/28/23 18:53	09/28/23 18:53	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141631	1	09/29/23 12:50	09/29/23 12:50	DYW	Mt. Juliet, TN

MW-6 L1658899-06 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 10:19 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	5	09/28/23 19:44	09/28/23 19:44	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141631	1	09/29/23 13:12	09/29/23 13:12	DYW	Mt. Juliet, TN

MW-7 L1658899-07 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 10:03 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	5	09/28/23 20:01	09/28/23 20:01	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141631	1	09/29/23 13:33	09/29/23 13:33	DYW	Mt. Juliet, TN

MW-8 L1658899-08 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 08:47 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	10	09/28/23 20:17	09/28/23 20:17	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141644	1	09/29/23 07:19	09/29/23 07:19	DYW	Mt. Juliet, TN

MW-9 L1658899-09 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 12:36 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	5	09/28/23 20:34	09/28/23 20:34	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141644	1	09/29/23 07:41	09/29/23 07:41	DYW	Mt. Juliet, TN

MW-10 L1658899-10 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 12:07 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	5	09/28/23 20:51	09/28/23 20:51	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141644	1	09/29/23 08:02	09/29/23 08:02	DYW	Mt. Juliet, TN

MW-12 L1658899-11 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 10:33 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	5	09/28/23 21:08	09/28/23 21:08	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141644	1	09/29/23 08:23	09/29/23 08:23	DYW	Mt. Juliet, TN

MW-13 L1658899-12 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 09:51 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	5	09/28/23 21:25	09/28/23 21:25	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141644	1	09/29/23 08:45	09/29/23 08:45	DYW	Mt. Juliet, TN

MW-14 L1658899-13 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 11:20 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	5	09/28/23 21:42	09/28/23 21:42	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141644	1	09/29/23 09:07	09/29/23 09:07	DYW	Mt. Juliet, TN

MW-15 L1658899-14 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 11:06 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	5	09/28/23 21:59	09/28/23 21:59	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141644	1	09/29/23 09:29	09/29/23 09:29	DYW	Mt. Juliet, TN

SAMPLE SUMMARY

MW-16 L1658899-15 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 10:55 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	5	09/28/23 22:16	09/28/23 22:16	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141644	1	09/29/23 09:50	09/29/23 09:50	DYW	Mt. Juliet, TN

DUPLICATE L1658899-16 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 00:00 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2140940	5	09/28/23 23:07	09/28/23 23:07	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141644	1	09/29/23 10:12	09/29/23 10:12	DYW	Mt. Juliet, TN

TRIP BLANK L1658899-17 GW

Collected by: Kendon Stark | Collected date/time: 09/21/23 00:00 | Received date/time: 09/22/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2141644	1	09/29/23 06:15	09/29/23 06:15	DYW	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

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	625		3.79	10.0	10	09/29/2023 09:30	WG2140929

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	0.000345	J	0.0000941	0.00100	1	09/29/2023 11:25	WG2141631
Toluene	U		0.000278	0.00100	1	09/29/2023 11:25	WG2141631
Ethylbenzene	0.000507	J	0.000137	0.00100	1	09/29/2023 11:25	WG2141631
Total Xylenes	0.000590	J	0.000174	0.00300	1	09/29/2023 11:25	WG2141631
(S) Toluene-d8	*111*			*80.0-120*		*09/29/2023 11:25*	WG2141631
(S) 4-Bromofluorobenzene	*116*			*77.0-126*		*09/29/2023 11:25*	WG2141631
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*09/29/2023 11:25*	WG2141631

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	458	V	1.90	5.00	5	09/28/2023 17:12	WG2140940

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	09/29/2023 11:46	WG2141631
Toluene	U		0.000278	0.00100	1	09/29/2023 11:46	WG2141631
Ethylbenzene	U		0.000137	0.00100	1	09/29/2023 11:46	WG2141631
Total Xylenes	U		0.000174	0.00300	1	09/29/2023 11:46	WG2141631
(S) Toluene-d8	*111*			*80.0-120*		*09/29/2023 11:46*	WG2141631
(S) 4-Bromofluorobenzene	*117*			*77.0-126*		*09/29/2023 11:46*	WG2141631
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*09/29/2023 11:46*	WG2141631

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	437		1.90	5.00	5	09/28/2023 18:19	WG2140940

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	0.0180		0.0000941	0.00100	1	09/29/2023 12:07	WG2141631
Toluene	U		0.000278	0.00100	1	09/29/2023 12:07	WG2141631
Ethylbenzene	0.00480		0.000137	0.00100	1	09/29/2023 12:07	WG2141631
Total Xylenes	0.0366		0.000174	0.00300	1	09/29/2023 12:07	WG2141631
(S) Toluene-d8	*107*			*80.0-120*		*09/29/2023 12:07*	WG2141631
(S) 4-Bromofluorobenzene	*112*			*77.0-126*		*09/29/2023 12:07*	WG2141631
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*09/29/2023 12:07*	WG2141631

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	211		1.90	5.00	5	09/28/2023 18:36	WG2140940

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	09/29/2023 12:29	WG2141631
Toluene	U		0.000278	0.00100	1	09/29/2023 12:29	WG2141631
Ethylbenzene	U		0.000137	0.00100	1	09/29/2023 12:29	WG2141631
Total Xylenes	U		0.000174	0.00300	1	09/29/2023 12:29	WG2141631
(S) Toluene-d8	*109*			*80.0-120*		*09/29/2023 12:29*	WG2141631
(S) 4-Bromofluorobenzene	*113*			*77.0-126*		*09/29/2023 12:29*	WG2141631
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*09/29/2023 12:29*	WG2141631

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	427		1.90	5.00	5	09/28/2023 18:53	WG2140940

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	0.000175	J	0.0000941	0.00100	1	09/29/2023 12:50	WG2141631
Toluene	U		0.000278	0.00100	1	09/29/2023 12:50	WG2141631
Ethylbenzene	0.00226		0.000137	0.00100	1	09/29/2023 12:50	WG2141631
Total Xylenes	0.000947	J	0.000174	0.00300	1	09/29/2023 12:50	WG2141631
(S) Toluene-d8	*110*			*80.0-120*		*09/29/2023 12:50*	WG2141631
(S) 4-Bromofluorobenzene	*114*			*77.0-126*		*09/29/2023 12:50*	WG2141631
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*09/29/2023 12:50*	WG2141631

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	367		1.90	5.00	5	09/28/2023 19:44	WG2140940

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	09/29/2023 13:12	WG2141631
Toluene	U		0.000278	0.00100	1	09/29/2023 13:12	WG2141631
Ethylbenzene	U		0.000137	0.00100	1	09/29/2023 13:12	WG2141631
Total Xylenes	U		0.000174	0.00300	1	09/29/2023 13:12	WG2141631
(S) Toluene-d8	*109*			*80.0-120*		*09/29/2023 13:12*	WG2141631
(S) 4-Bromofluorobenzene	*114*			*77.0-126*		*09/29/2023 13:12*	WG2141631
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*09/29/2023 13:12*	WG2141631

MW - 7
Collected date/time: 09/21/23 10:03
L1658899

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	408		1.90	5.00	5	09/28/2023 20:01	WG2140940

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	09/29/2023 13:33	WG2141631
Toluene	U		0.000278	0.00100	1	09/29/2023 13:33	WG2141631
Ethylbenzene	U		0.000137	0.00100	1	09/29/2023 13:33	WG2141631
Total Xylenes	U		0.000174	0.00300	1	09/29/2023 13:33	WG2141631
(S) Toluene-d8	*110*			*80.0-120*		*09/29/2023 13:33*	WG2141631
(S) 4-Bromofluorobenzene	*115*			*77.0-126*		*09/29/2023 13:33*	WG2141631
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*09/29/2023 13:33*	WG2141631

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	858		3.79	10.0	10	09/28/2023 20:17	WG2140940

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	09/29/2023 07:19	WG2141644
Toluene	U		0.000278	0.00100	1	09/29/2023 07:19	WG2141644
Ethylbenzene	U		0.000137	0.00100	1	09/29/2023 07:19	WG2141644
Total Xylenes	U		0.000174	0.00300	1	09/29/2023 07:19	WG2141644
(S) Toluene-d8	*106*			*80.0-120*		*09/29/2023 07:19*	WG2141644
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*		*09/29/2023 07:19*	WG2141644
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*09/29/2023 07:19*	WG2141644

MW-9
Collected date/time: 09/21/23 12:36
L1658899

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	399		1.90	5.00	5	09/28/2023 20:34	WG2140940

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	0.0586		0.0000941	0.00100	1	09/29/2023 07:41	WG2141644
Toluene	U		0.000278	0.00100	1	09/29/2023 07:41	WG2141644
Ethylbenzene	0.000228	J	0.000137	0.00100	1	09/29/2023 07:41	WG2141644
Total Xylenes	0.00204	J	0.000174	0.00300	1	09/29/2023 07:41	WG2141644
(S) Toluene-d8	*101*			*80.0-120*		*09/29/2023 07:41*	WG2141644
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*		*09/29/2023 07:41*	WG2141644
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*09/29/2023 07:41*	WG2141644

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	412		1.90	5.00	5	09/28/2023 20:51	WG2140940

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	0.00136		0.0000941	0.00100	1	09/29/2023 08:02	WG2141644
Toluene	U		0.000278	0.00100	1	09/29/2023 08:02	WG2141644
Ethylbenzene	U		0.000137	0.00100	1	09/29/2023 08:02	WG2141644
Total Xylenes	U		0.000174	0.00300	1	09/29/2023 08:02	WG2141644
(S) Toluene-d8	*92.1*			*80.0-120*		*09/29/2023 08:02*	WG2141644
(S) 4-Bromofluorobenzene	*90.8*			*77.0-126*		*09/29/2023 08:02*	WG2141644
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*09/29/2023 08:02*	WG2141644

MW-12
Collected date/time: 09/21/23 10:33
L1658899

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	442		1.90	5.00	5	09/28/2023 21:08	WG2140940

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	09/29/2023 08:23	WG2141644
Toluene	U		0.000278	0.00100	1	09/29/2023 08:23	WG2141644
Ethylbenzene	U		0.000137	0.00100	1	09/29/2023 08:23	WG2141644
Total Xylenes	U		0.000174	0.00300	1	09/29/2023 08:23	WG2141644
(S) Toluene-d8	*98.2*			*80.0-120*		*09/29/2023 08:23*	WG2141644
(S) 4-Bromofluorobenzene	*94.2*			*77.0-126*		*09/29/2023 08:23*	WG2141644
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*09/29/2023 08:23*	WG2141644

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	418		1.90	5.00	5	09/28/2023 21:25	WG2140940

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	09/29/2023 08:45	WG2141644
Toluene	U		0.000278	0.00100	1	09/29/2023 08:45	WG2141644
Ethylbenzene	U		0.000137	0.00100	1	09/29/2023 08:45	WG2141644
Total Xylenes	U		0.000174	0.00300	1	09/29/2023 08:45	WG2141644
(S) Toluene-d8	*107*			*80.0-120*		*09/29/2023 08:45*	WG2141644
(S) 4-Bromofluorobenzene	*98.4*			*77.0-126*		*09/29/2023 08:45*	WG2141644
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*09/29/2023 08:45*	WG2141644

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	377		1.90	5.00	5	09/28/2023 21:42	WG2140940

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	09/29/2023 09:07	WG2141644
Toluene	U		0.000278	0.00100	1	09/29/2023 09:07	WG2141644
Ethylbenzene	U		0.000137	0.00100	1	09/29/2023 09:07	WG2141644
Total Xylenes	U		0.000174	0.00300	1	09/29/2023 09:07	WG2141644
(S) Toluene-d8	*103*			*80.0-120*		*09/29/2023 09:07*	WG2141644
(S) 4-Bromofluorobenzene	*93.9*			*77.0-126*		*09/29/2023 09:07*	WG2141644
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*09/29/2023 09:07*	WG2141644

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	469		1.90	5.00	5	09/28/2023 21:59	WG2140940

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	09/29/2023 09:29	WG2141644
Toluene	U		0.000278	0.00100	1	09/29/2023 09:29	WG2141644
Ethylbenzene	U		0.000137	0.00100	1	09/29/2023 09:29	WG2141644
Total Xylenes	U		0.000174	0.00300	1	09/29/2023 09:29	WG2141644
(S) Toluene-d8	*103*			*80.0-120*		*09/29/2023 09:29*	WG2141644
(S) 4-Bromofluorobenzene	*95.2*			*77.0-126*		*09/29/2023 09:29*	WG2141644
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*09/29/2023 09:29*	WG2141644

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	536		1.90	5.00	5	09/28/2023 22:16	WG2140940

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	09/29/2023 09:50	WG2141644
Toluene	U		0.000278	0.00100	1	09/29/2023 09:50	WG2141644
Ethylbenzene	U		0.000137	0.00100	1	09/29/2023 09:50	WG2141644
Total Xylenes	U		0.000174	0.00300	1	09/29/2023 09:50	WG2141644
(S) Toluene-d8	*103*			*80.0-120*		*09/29/2023 09:50*	WG2141644
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*		*09/29/2023 09:50*	WG2141644
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*09/29/2023 09:50*	WG2141644

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	432		1.90	5.00	5	09/28/2023 23:07	WG2140940

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	0.0317		0.0000941	0.00100	1	09/29/2023 10:12	WG2141644
Toluene	U		0.000278	0.00100	1	09/29/2023 10:12	WG2141644
Ethylbenzene	U		0.000137	0.00100	1	09/29/2023 10:12	WG2141644
Total Xylenes	0.00102	J	0.000174	0.00300	1	09/29/2023 10:12	WG2141644
(S) Toluene-d8	*102*			*80.0-120*		*09/29/2023 10:12*	WG2141644
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*		*09/29/2023 10:12*	WG2141644
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*09/29/2023 10:12*	WG2141644

TRIP BLANK
Collected date/time: 09/21/23 00:00
L1658899

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	09/29/2023 06:15	WG2141644
Toluene	U		0.000278	0.00100	1	09/29/2023 06:15	WG2141644
Ethylbenzene	U		0.000137	0.00100	1	09/29/2023 06:15	WG2141644
Total Xylenes	U		0.000174	0.00300	1	09/29/2023 06:15	WG2141644
(S) Toluene-d8	*105*			*80.0-120*		*09/29/2023 06:15*	WG2141644
(S) 4-Bromofluorobenzene	*96.7*			*77.0-126*		*09/29/2023 06:15*	WG2141644
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*09/29/2023 06:15*	WG2141644

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

Method Blank (MB)

(MB) R3979666-1 09/29/23 02:31

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00

L1658771-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1658771-07 09/29/23 04:12 • (DUP) R3979666-3 09/29/23 04:27

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	0.871	0.871	1	0.0230	J	15

L1658819-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1658819-02 09/29/23 07:54 • (DUP) R3979666-6 09/29/23 08:10

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	5.40	5.40	1	0.0944		15

Laboratory Control Sample (LCS)

(LCS) R3979666-2 09/29/23 02:47

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	40.0	99.9	80.0-120	

L1658771-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1658771-07 09/29/23 04:12 • (MS) R3979666-4 09/29/23 04:43 • (MSD) R3979666-5 09/29/23 04:59

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	0.871	39.6	40.1	96.9	98.1	1	80.0-120			1.12	15

L1658819-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1658819-03 09/29/23 08:58 • (MS) R3979666-7 09/29/23 09:14

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	14.4	49.3	87.4	1	80.0-120	

Method Blank (MB)

(MB) R3979428-1 09/28/23 13:26

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00

L1658899-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1658899-02 09/28/23 17:12 • (DUP) R3979428-3 09/28/23 17:28

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	458	441	5	3.89		15

L1658909-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1658909-01 09/28/23 23:23 • (DUP) R3979428-6 09/28/23 23:40

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	49.3	49.4	1	0.198		15

Laboratory Control Sample (LCS)

(LCS) R3979428-2 09/28/23 13:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	40.0	100	80.0-120	

L1658899-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1658899-02 09/28/23 17:12 • (MS) R3979428-4 09/28/23 17:45 • (MSD) R3979428-5 09/28/23 18:02

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	458	410	409	0.000	0.000	5	80.0-120	V	V	0.189	15

L1658909-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1658909-01 09/28/23 23:23 • (MS) R3979428-7 09/28/23 23:57

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	49.3	85.4	90.1	1	80.0-120	

Method Blank (MB)

(MB) R3979769-3 09/29/23 06:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	*113*			*80.0-120*
(S) 4-Bromofluorobenzene	*117*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

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

(LCS) R3979769-1 09/29/23 05:21 • (LCSD) R3979769-2 09/29/23 05:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00528	0.00533	106	107	70.0-123			0.943	20
Toluene	0.00500	0.00528	0.00534	106	107	79.0-120			1.13	20
Ethylbenzene	0.00500	0.00540	0.00540	108	108	79.0-123			0.000	20
Total Xylenes	0.0150	0.0165	0.0164	110	109	79.0-123			0.608	20
(S) Toluene-d8				*107*	*107*	*80.0-120*				
(S) 4-Bromofluorobenzene				*113*	*113*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*108*	*109*	*70.0-130*				

Method Blank (MB)

(MB) R3979778-2 09/29/23 05:53

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	*104*			*80.0-120*
(S) 4-Bromofluorobenzene	*95.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3979778-1 09/29/23 05:10

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00541	108	70.0-123	
Toluene	0.00500	0.00530	106	79.0-120	
Ethylbenzene	0.00500	0.00512	102	79.0-123	
Total Xylenes	0.0150	0.0152	101	79.0-123	
(S) Toluene-d8			*104*	*80.0-120*	
(S) 4-Bromofluorobenzene			*101*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*112*	*70.0-130*	

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

Company Name/Address:
DCP Midstream - Tasman

2620 W. Marland Blvd
Hobbs, NM 88240

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

Pres Chk

Report to:
Brett Dennis

Email To:
swweathers@dcpmidstream.com;knorman@tas

Project Description:
RR - Extension Pipeline Release

City/State Collected:

Please Circle: PT MT CT ET

Phone: **720-218-4003**

Client Project #

Lab Project #
DCPTASMAN-RR EXT

Collected by (print):
Kendon Stark

Site/Facility ID #

P.O. #
0000661916

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

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

Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # L1658899

C014

Acctnum: **DCPTASMAN**
Template: **T237551**
Prelogin: **P1023518**
PM: **824 - Chris Ward**
PB: NG 917123
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	V8260BTEX 40mlAmb-HCl	V8260BTEX 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-1	Grab	GW	NA	9.21.23	~~08:32~~ ~~09:32~~ KS	4	X	X			-01
MW-2	Grab	GW	NA	9.21.23	~~12:20~~ ~~10:36~~ KS	4	X	X			-02
MW-3	Grab	GW	NA	9.21.23	~~12:48~~ ~~10:30~~ KS	4	X	X			-03
MW-4	Grab	GW	NA	9.21.23	11:50	4	X	X			-04
MW-5	Grab	GW	NA	9.21.23	11:39	4	X	X			-05
MW-6	Grab	GW	NA	9.21.23	10:19	4	X	X			-06
MW-7	Grab	GW	NA	9.21.23	10:03	4	X	X			-07
MW-8	Grab	GW	NA	9.21.23	08:47	4	X	X			-08
MW-9	Grab	GW	NA	9.21.23	12:36	4	X	X			-09
MW-10	Grab	GW	NA	9.21.23	12:07	4	X	X			-10

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 6337 2250 8030

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
Kendon Stark	9.21.23	13:30		3	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.4 °C Bottles Received: 5.0 +0 = 50 64	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9.22.23 Time: 0900	Hold: Condition: NCF / OK

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

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

Pres Chk

Report to: **Brett Dennis**

Email To: **swweathers@dcpmidstream.com;knorman@tas**

Project Description: **RR - Extension Pipeline Release**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **720-218-4003**

Client Project #

Lab Project # **DCPTASMAN-RR EXT**

Collected by (print): Kendon Stark

Site/Facility ID #

P.O. # **0000661916**

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

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

SDG # L1658899

Table #

Acctnum: **DCPTASMAN**
Template: **T237551**
Prelogin: **P1023518**
PM: **824 - Chris Ward**
PB: 9/7/23

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	V8260BTEX 40mlAmb-HCl	V8260BTEX 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-11		GW				4	X	X			
MW-12	Grab	GW	NA	9.21.23	10:33	4	X	X			-11
MW-13	Grab	GW	NA	9.21.23	09:51	4	X	X			-12
MW-14	Grab	GW	NA	9.21.23	11:20	4	X	X			-13
MW-15	Grab	GW	NA	9.21.23	11:06	4	X	X			-14
MW-16	Grab	GW	NA	9.21.23	10:55	4	X	X			-15
Duplicate 1	Grab	GW	NA	9.21.23		4	X	X			-16
		GW				4	X	X			
TRIP BLANK		GW				3			X		-17

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 6337 2250 8030

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Kendon Stark	9.21.23	13:30		3	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.2+0=5.0 °C Bottles Received: 64	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9.22.23 Time: 0900	Hold: Condition: NCF / OK

Pace Analytical®

ANALYTICAL REPORT

December 19, 2023

DCP Midstream - Tasman

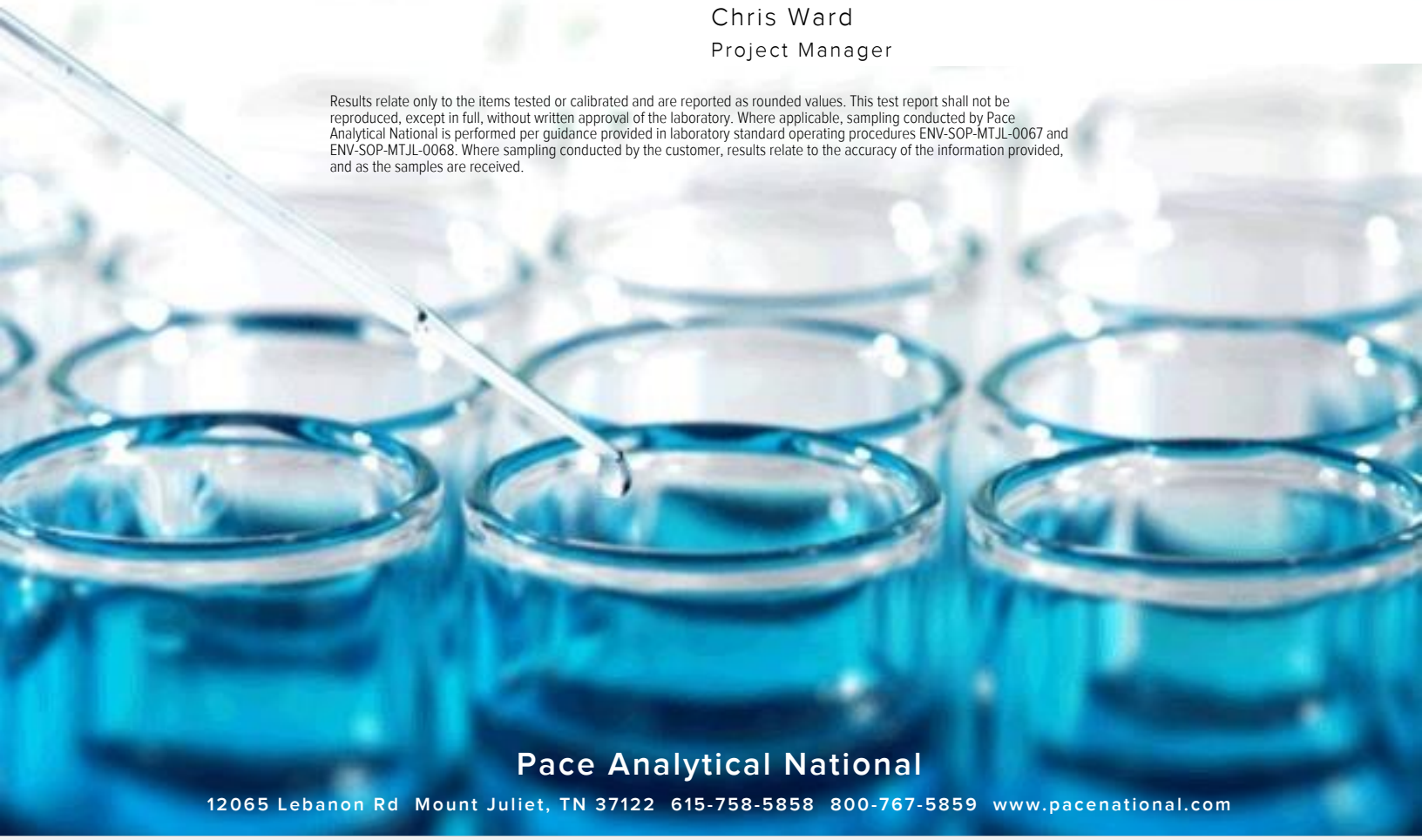
Sample Delivery Group:	L1687054
Samples Received:	12/12/2023
Project Number:	390761103
Description:	RR - Extension Pipeline Release

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

Entire Report Reviewed By: Chris Ward

Chris Ward
Project Manager

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



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

TABLE OF CONTENTS

MW-1 L1687054-01 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 10:15 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190362	1	12/15/23 19:37	12/15/23 19:37	JCP	Mt. Juliet, TN

MW-2 L1687054-02 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 12:50 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190362	1	12/15/23 19:58	12/15/23 19:58	JCP	Mt. Juliet, TN

MW-3 L1687054-03 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 13:03 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190362	1	12/15/23 20:18	12/15/23 20:18	JCP	Mt. Juliet, TN

MW-4 L1687054-04 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 13:29 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190362	1	12/15/23 20:39	12/15/23 20:39	JCP	Mt. Juliet, TN

MW-5 L1687054-05 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 13:19 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190362	1	12/15/23 20:59	12/15/23 20:59	JCP	Mt. Juliet, TN

MW-6 L1687054-06 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 11:16 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190362	1	12/15/23 21:20	12/15/23 21:20	JCP	Mt. Juliet, TN

MW-7 L1687054-07 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 11:03 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190412	1	12/15/23 16:35	12/15/23 16:35	TJJ	Mt. Juliet, TN

MW-8 L1687054-08 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 10:33 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190412	1	12/15/23 16:57	12/15/23 16:57	TJJ	Mt. Juliet, TN

MW-9 L1687054-09 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 13:46 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190412	1	12/15/23 17:20	12/15/23 17:20	TJJ	Mt. Juliet, TN

MW-10 L1687054-10 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 12:36 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190412	1	12/15/23 17:42	12/15/23 17:42	TJJ	Mt. Juliet, TN

MW-12 L1687054-11 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 11:34 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190412	1	12/15/23 18:05	12/15/23 18:05	TJJ	Mt. Juliet, TN

MW-13 L1687054-12 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 10:47 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190412	1	12/15/23 18:28	12/15/23 18:28	TJJ	Mt. Juliet, TN

MW-14 L1687054-13 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 12:22 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190412	1	12/15/23 18:50	12/15/23 18:50	TJJ	Mt. Juliet, TN

MW-15 L1687054-14 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 12:06 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190412	1	12/15/23 19:13	12/15/23 19:13	TJJ	Mt. Juliet, TN

MW-16 L1687054-15 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 11:53 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190412	1	12/15/23 19:35	12/15/23 19:35	TJJ	Mt. Juliet, TN

DUPLICATE L1687054-16 GW

Collected by: Kendon Stark | Collected date/time: 12/11/23 00:00 | Received date/time: 12/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190412	1	12/15/23 19:58	12/15/23 19:58	TJJ	Mt. Juliet, TN

SAMPLE SUMMARY

TRIP BLANK L1687054-17 GW

			Collected by	Collected date/time	Received date/time	
			Kendon Stark	12/11/23 00:00	12/12/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2190412	1	12/15/23 15:27	12/15/23 15:27	TJJ	Mt. Juliet, TN

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

Chris Ward
Project Manager

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000273	J	0.0000941	0.00100	1	12/15/2023 19:37	WG2190362
Toluene	U		0.000278	0.00100	1	12/15/2023 19:37	WG2190362
Ethylbenzene	0.000508	J	0.000137	0.00100	1	12/15/2023 19:37	WG2190362
Total Xylenes	0.000457	J	0.000174	0.00300	1	12/15/2023 19:37	WG2190362
(S) Toluene-d8	*88.2*			*80.0-120*		*12/15/2023 19:37*	WG2190362
(S) 4-Bromofluorobenzene	*98.4*			*77.0-126*		*12/15/2023 19:37*	WG2190362
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*12/15/2023 19:37*	WG2190362

MW-2
Collected date/time: 12/11/23 12:50

SAMPLE RESULTS - 02

L1687054

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	12/15/2023 19:58	WG2190362
Toluene	U		0.000278	0.00100	1	12/15/2023 19:58	WG2190362
Ethylbenzene	U		0.000137	0.00100	1	12/15/2023 19:58	WG2190362
Total Xylenes	U		0.000174	0.00300	1	12/15/2023 19:58	WG2190362
(S) Toluene-d8	*86.6*			*80.0-120*		*12/15/2023 19:58*	WG2190362
(S) 4-Bromofluorobenzene	*99.1*			*77.0-126*		*12/15/2023 19:58*	WG2190362
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*12/15/2023 19:58*	WG2190362

MW-3
Collected date/time: 12/11/23 13:03
L1687054

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	0.00310		0.0000941	0.00100	1	12/15/2023 20:18	WG2190362
Toluene	0.000919	J	0.000278	0.00100	1	12/15/2023 20:18	WG2190362
Ethylbenzene	0.00159		0.000137	0.00100	1	12/15/2023 20:18	WG2190362
Total Xylenes	0.00465		0.000174	0.00300	1	12/15/2023 20:18	WG2190362
(S) Toluene-d8	*84.6*			*80.0-120*		*12/15/2023 20:18*	WG2190362
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*		*12/15/2023 20:18*	WG2190362
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*12/15/2023 20:18*	WG2190362

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	0.000238	J	0.0000941	0.00100	1	12/15/2023 20:39	WG2190362
Toluene	U		0.000278	0.00100	1	12/15/2023 20:39	WG2190362
Ethylbenzene	0.000527	J	0.000137	0.00100	1	12/15/2023 20:39	WG2190362
Total Xylenes	0.000616	J	0.000174	0.00300	1	12/15/2023 20:39	WG2190362
(S) Toluene-d8	*87.6*			*80.0-120*		*12/15/2023 20:39*	WG2190362
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*12/15/2023 20:39*	WG2190362
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*12/15/2023 20:39*	WG2190362

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	0.0000981	J	0.0000941	0.00100	1	12/15/2023 20:59	WG2190362
Toluene	U		0.000278	0.00100	1	12/15/2023 20:59	WG2190362
Ethylbenzene	0.000871	J	0.000137	0.00100	1	12/15/2023 20:59	WG2190362
Total Xylenes	0.000238	J	0.000174	0.00300	1	12/15/2023 20:59	WG2190362
(S) Toluene-d8	*89.3*			*80.0-120*		*12/15/2023 20:59*	WG2190362
(S) 4-Bromofluorobenzene	*99.4*			*77.0-126*		*12/15/2023 20:59*	WG2190362
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*		*12/15/2023 20:59*	WG2190362

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	12/15/2023 21:20	WG2190362
Toluene	U		0.000278	0.00100	1	12/15/2023 21:20	WG2190362
Ethylbenzene	U		0.000137	0.00100	1	12/15/2023 21:20	WG2190362
Total Xylenes	U		0.000174	0.00300	1	12/15/2023 21:20	WG2190362
(S) Toluene-d8	*86.9*			*80.0-120*		*12/15/2023 21:20*	WG2190362
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*12/15/2023 21:20*	WG2190362
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*		*12/15/2023 21:20*	WG2190362

MW-7
Collected date/time: 12/11/23 11:03

SAMPLE RESULTS - 07

L1687054

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	12/15/2023 16:35	WG2190412
Toluene	U		0.000278	0.00100	1	12/15/2023 16:35	WG2190412
Ethylbenzene	U		0.000137	0.00100	1	12/15/2023 16:35	WG2190412
Total Xylenes	U		0.000174	0.00300	1	12/15/2023 16:35	WG2190412
(S) Toluene-d8	*108*			*80.0-120*		*12/15/2023 16:35*	WG2190412
(S) 4-Bromofluorobenzene	*85.6*			*77.0-126*		*12/15/2023 16:35*	WG2190412
(S) 1,2-Dichloroethane-d4	*73.1*			*70.0-130*		*12/15/2023 16:35*	WG2190412

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	12/15/2023 16:57	WG2190412
Toluene	U		0.000278	0.00100	1	12/15/2023 16:57	WG2190412
Ethylbenzene	U		0.000137	0.00100	1	12/15/2023 16:57	WG2190412
Total Xylenes	U		0.000174	0.00300	1	12/15/2023 16:57	WG2190412
(S) Toluene-d8	*109*			*80.0-120*		*12/15/2023 16:57*	WG2190412
(S) 4-Bromofluorobenzene	*87.1*			*77.0-126*		*12/15/2023 16:57*	WG2190412
(S) 1,2-Dichloroethane-d4	*76.5*			*70.0-130*		*12/15/2023 16:57*	WG2190412

MW-9
Collected date/time: 12/11/23 13:46

SAMPLE RESULTS - 09

L1687054

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	0.00968		0.0000941	0.00100	1	12/15/2023 17:20	WG2190412
Toluene	U		0.000278	0.00100	1	12/15/2023 17:20	WG2190412
Ethylbenzene	U		0.000137	0.00100	1	12/15/2023 17:20	WG2190412
Total Xylenes	U		0.000174	0.00300	1	12/15/2023 17:20	WG2190412
(S) Toluene-d8	*106*			*80.0-120*		*12/15/2023 17:20*	WG2190412
(S) 4-Bromofluorobenzene	*86.8*			*77.0-126*		*12/15/2023 17:20*	WG2190412
(S) 1,2-Dichloroethane-d4	*73.8*			*70.0-130*		*12/15/2023 17:20*	WG2190412

MW-10
Collected date/time: 12/11/23 12:36
L1687054

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	0.000575	J	0.0000941	0.00100	1	12/15/2023 17:42	WG2190412
Toluene	U		0.000278	0.00100	1	12/15/2023 17:42	WG2190412
Ethylbenzene	U		0.000137	0.00100	1	12/15/2023 17:42	WG2190412
Total Xylenes	U		0.000174	0.00300	1	12/15/2023 17:42	WG2190412
(S) Toluene-d8	*102*			*80.0-120*		*12/15/2023 17:42*	WG2190412
(S) 4-Bromofluorobenzene	*79.9*			*77.0-126*		*12/15/2023 17:42*	WG2190412
(S) 1,2-Dichloroethane-d4	*71.7*			*70.0-130*		*12/15/2023 17:42*	WG2190412

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	12/15/2023 18:05	WG2190412
Toluene	U		0.000278	0.00100	1	12/15/2023 18:05	WG2190412
Ethylbenzene	U		0.000137	0.00100	1	12/15/2023 18:05	WG2190412
Total Xylenes	U		0.000174	0.00300	1	12/15/2023 18:05	WG2190412
(S) Toluene-d8	*106*			*80.0-120*		*12/15/2023 18:05*	WG2190412
(S) 4-Bromofluorobenzene	*83.5*			*77.0-126*		*12/15/2023 18:05*	WG2190412
(S) 1,2-Dichloroethane-d4	*71.1*			*70.0-130*		*12/15/2023 18:05*	WG2190412

MW-13
Collected date/time: 12/11/23 10:47
L1687054

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	12/15/2023 18:28	WG2190412
Toluene	U		0.000278	0.00100	1	12/15/2023 18:28	WG2190412
Ethylbenzene	U		0.000137	0.00100	1	12/15/2023 18:28	WG2190412
Total Xylenes	U		0.000174	0.00300	1	12/15/2023 18:28	WG2190412
(S) Toluene-d8	*109*			*80.0-120*		*12/15/2023 18:28*	WG2190412
(S) 4-Bromofluorobenzene	*88.6*			*77.0-126*		*12/15/2023 18:28*	WG2190412
(S) 1,2-Dichloroethane-d4	*73.3*			*70.0-130*		*12/15/2023 18:28*	WG2190412

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	12/15/2023 18:50	WG2190412
Toluene	U		0.000278	0.00100	1	12/15/2023 18:50	WG2190412
Ethylbenzene	U		0.000137	0.00100	1	12/15/2023 18:50	WG2190412
Total Xylenes	U		0.000174	0.00300	1	12/15/2023 18:50	WG2190412
(S) Toluene-d8	*107*			*80.0-120*		*12/15/2023 18:50*	WG2190412
(S) 4-Bromofluorobenzene	*85.5*			*77.0-126*		*12/15/2023 18:50*	WG2190412
(S) 1,2-Dichloroethane-d4	*72.3*			*70.0-130*		*12/15/2023 18:50*	WG2190412

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	12/15/2023 19:13	WG2190412
Toluene	U		0.000278	0.00100	1	12/15/2023 19:13	WG2190412
Ethylbenzene	U		0.000137	0.00100	1	12/15/2023 19:13	WG2190412
Total Xylenes	U		0.000174	0.00300	1	12/15/2023 19:13	WG2190412
(S) Toluene-d8	*109*			*80.0-120*		*12/15/2023 19:13*	WG2190412
(S) 4-Bromofluorobenzene	*86.6*			*77.0-126*		*12/15/2023 19:13*	WG2190412
(S) 1,2-Dichloroethane-d4	*72.6*			*70.0-130*		*12/15/2023 19:13*	WG2190412

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	0.000120	J	0.0000941	0.00100	1	12/15/2023 19:35	WG2190412
Toluene	U		0.000278	0.00100	1	12/15/2023 19:35	WG2190412
Ethylbenzene	U		0.000137	0.00100	1	12/15/2023 19:35	WG2190412
Total Xylenes	U		0.000174	0.00300	1	12/15/2023 19:35	WG2190412
(S) Toluene-d8	*106*			*80.0-120*		*12/15/2023 19:35*	WG2190412
(S) 4-Bromofluorobenzene	*83.3*			*77.0-126*		*12/15/2023 19:35*	WG2190412
(S) 1,2-Dichloroethane-d4	*70.6*			*70.0-130*		*12/15/2023 19:35*	WG2190412

DUPLICATE
Collected date/time: 12/11/23 00:00

SAMPLE RESULTS - 16

L1687054

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	0.000234	J	0.0000941	0.00100	1	12/15/2023 19:58	WG2190412
Toluene	U		0.000278	0.00100	1	12/15/2023 19:58	WG2190412
Ethylbenzene	0.00201		0.000137	0.00100	1	12/15/2023 19:58	WG2190412
Total Xylenes	0.000473	J	0.000174	0.00300	1	12/15/2023 19:58	WG2190412
(S) Toluene-d8	*111*			*80.0-120*		*12/15/2023 19:58*	WG2190412
(S) 4-Bromofluorobenzene	*90.8*			*77.0-126*		*12/15/2023 19:58*	WG2190412
(S) 1,2-Dichloroethane-d4	*73.8*			*70.0-130*		*12/15/2023 19:58*	WG2190412

TRIP BLANK
Collected date/time: 12/11/23 00:00

SAMPLE RESULTS - 17

L1687054

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	12/15/2023 15:27	WG2190412
Toluene	U		0.000278	0.00100	1	12/15/2023 15:27	WG2190412
Ethylbenzene	U		0.000137	0.00100	1	12/15/2023 15:27	WG2190412
Total Xylenes	U		0.000174	0.00300	1	12/15/2023 15:27	WG2190412
(S) Toluene-d8	*110*			*80.0-120*		*12/15/2023 15:27*	WG2190412
(S) 4-Bromofluorobenzene	*87.7*			*77.0-126*		*12/15/2023 15:27*	WG2190412
(S) 1,2-Dichloroethane-d4	*73.6*			*70.0-130*		*12/15/2023 15:27*	WG2190412

Method Blank (MB)

(MB) R4013177-4 12/15/23 11:42

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	*89.4*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.0*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

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

(LCS) R4013177-1 12/15/23 10:19 • (LCSD) R4013177-2 12/15/23 10:40

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00522	0.00507	104	101	70.0-123			2.92	20
Toluene	0.00500	0.00461	0.00460	92.2	92.0	79.0-120			0.217	20
Ethylbenzene	0.00500	0.00499	0.00495	99.8	99.0	79.0-123			0.805	20
Total Xylenes	0.0150	0.0152	0.0157	101	105	79.0-123			3.24	20
(S) Toluene-d8				*87.4*	*85.6*	*80.0-120*				
(S) 4-Bromofluorobenzene				*98.3*	*96.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*113*	*111*	*70.0-130*				

Method Blank (MB)

(MB) R4013568-3 12/15/23 11:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	*108*			*80.0-120*
(S) 4-Bromofluorobenzene	*87.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*75.3*			*70.0-130*

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

(LCS) R4013568-1 12/15/23 10:42 • (LCSD) R4013568-2 12/15/23 11:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00499	0.00504	99.8	101	70.0-123			0.997	20
Toluene	0.00500	0.00499	0.00516	99.8	103	79.0-120			3.35	20
Ethylbenzene	0.00500	0.00497	0.00515	99.4	103	79.0-123			3.56	20
Total Xylenes	0.0150	0.0149	0.0153	99.3	102	79.0-123			2.65	20
(S) Toluene-d8				*105*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*88.1*	*88.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*75.6*	*75.1*	*70.0-130*				

L1687082-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1687082-01 12/15/23 20:20 • (MS) R4013568-4 12/15/23 22:35 • (MSD) R4013568-5 12/15/23 22:58

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	U	0.00546	0.00462	109	92.4	1	17.0-158			16.7	27
Toluene	0.00500	U	0.00537	0.00477	107	95.4	1	26.0-154			11.8	28
Ethylbenzene	0.00500	U	0.00554	0.00483	111	96.6	1	30.0-155			13.7	27
Total Xylenes	0.0150	U	0.0165	0.0144	110	96.0	1	29.0-154			13.6	28
(S) Toluene-d8					*104*	*107*		*80.0-120*				
(S) 4-Bromofluorobenzene					*87.2*	*88.4*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*75.8*	*73.7*		*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

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

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

Company Name/Address:
DCP Midstream - Tasman

2620 W. Marland Blvd
Hobbs, NM 88240

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

Pres Chk

Report to:
Brett Dennis

Email To:
Stephen.Weathers@p66.com;knorman@tasma

Project Description:
RR - Extension Pipeline Release

City/State Collected:

Please Circle: PT MT CT ET

Phone: **720-218-4003**

Client Project #

Lab Project #
DCPTASMAN-RR EXT

Collected by (print):
Kendon Stark

Site/Facility ID #

P.O. #
0000661916

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

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	V8260BTEX 40mlAmb-HCl-Blk								Remarks	Sample # (lab only)
MW-1	Grab	GW	NA	12/11/23	1045	3	X										-01
MW-2		GW			12:50	3	X										-02
MW-3		GW			13:03	3	X										-03
MW-4		GW			13:29	3	X										-04
MW-5		GW			13:19	3	X										-05
MW-6		GW			11:16	3	X										-06
MW-7		GW			11:03	3	X										-07
MW-8		GW			10:33	3	X										-08
MW-9		GW			13:46	3	X										-09
MW-10		GW			12:36	3	X										-10

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 7074 8795 3244

Chain of Custody Page ___ of ___

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MT JULIET, TN

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

SDG # L1687054

A096

Acctnum: **DCPTASMAN**
Template:**T237551**
Prelogin: **P1038875**
PM: **824 - Chris Ward**
PB: CP 11.22.23

Shipped Via: **FedEX Ground**

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Kendon Stark	12/11/23	14:36		3
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 48
				MSA8 2.4 0:2.4
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
			Kate Wolf	12.12.23 9:00

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Company Name/Address:
DCP Midstream - Tasman

2620 W. Marland Blvd
Hobbs, NM 88240

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

Pres Chk

Report to:
Brett Dennis

Email To:
Stephen.Weathers@p66.com;knorman@tasma

Project Description:
RR - Extension Pipeline Release

City/State Collected:

Please Circle: PT MT CT ET

Phone: **720-218-4003**

Client Project #

Lab Project #
DCPTASMAN-RR EXT

Collected by (print):
Kenton Stark

Site/Facility ID #

P.O. #
0000661916

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

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	V8260BTEX 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-11		GW				3	X			
MW-12	Grab	GW	NA	12/11/23	11:34	3	X			-11
MW-13		GW			10:47	3	X			-12
MW-14		GW			12:22	3	X			-13
MW-15		GW			12:06	3	X			-14
MW-16		GW			11:53	3	X			-15
Duplicate 1		GW			—	3	X			-16
		GW				3	X			
TRIP BLANK		GW				3		X		-17

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

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

SDG # L1687054

Table #

Acctnum: **DCPTASMAN**

Template: **T237551**

Prelogin: **P1038875**

PM: **824 - Chris Ward**

PB: LP 11.22.23

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 # 7074 8795 3244

Sample Receipt Checklist

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Kenton Stark	12/11/23	14:36	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Jade Hoff

Trip Blank Received: Yes / No
3
HCl / MeoH
TBR

Temp: °C Bottles Received: 48
MSAB 2.4+0=2.4

Date: 12.12.23 Time: 9:00

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Appendix C

Sampling Notifications

From: Weathers, Stephen W
To: "Velez, Nelson, EMNRD"; mike.bratcher@state.nm.us
Subject: Notification of DCP 1st Quarter 2023 Groundwater Monitoring for SENM Remediation Projects

Nelson/Mike
This email is to serve as notification that Tasman will be conducting the 1st Quarter 2023 groundwater sampling event during March at several DCP Midstream remediation sites.
Below is the estimated sampling schedule

1st Quarter 2023								
Date	Time (Approximate)	Location	County	Unit Letter	Section	Township	Range	Comments/NMOCD Case Number
Tuesday, March 14-15, 2023	8:00 AM	Hobbs Booster Station	Lea	C and D	4	19S	38E	AP-114/Sampling
Thursday, March 16, 2023	8:00 AM	Burton Flats	Eddy	D	1	21S	27E	2RP-799/Sampling
Thursday, March 16, 2023	12:00 PM	PCA Junction	Eddy	E and L	11	20S	30E	2RP-43/Sampling
Friday, March 17, 2023	8:00 AM	Hobbs Gas Plant	Lea	G	36	18S	36E	AP-122/Sampling
Monday, March 20 - 21, 2023	8:00 AM	RR Extension	Lea	C and F	19	20S	37E	AP-55/Sampling
Wednesday, March 22, 2023	8:00 AM	Linam Ranch	Lea	B	6	19S	37E	GW-015/Sampling

Let me know if you have any questions or concerns with the schedule.
Thanks
Steve Weathers, P.G.
Environmental Specialist
DCP Midstream, LP
6900 E. Layton Avenue - Suite 900
Denver, CO 80237
Cell 303.619.3042

From: Weathers, Stephen
To: "Velez, Nelson, EMNRD"; mike.bratcher@state.nm.us
Subject: Notification of DCP 2nd Quarter 2023 Groundwater Monitoring for SENM Remediation Projects
Attachments: image001.png
image002.jpg
image004.png
image003.jpg

Nelson/Mike
This email is to serve as notification that Tasman will be conducting the 2nd Quarter 2023 groundwater sampling event during June at several DCP Midstream remediation sites.
Below is the estimated sampling schedule

2nd Quarter 2023								
Date	Time (Approximate)	Location	County	Unit Letter	Section	Township	Range	Field Activities
Monday, June 19-20, 2023	8:00 AM	Hobbs Booster Station	Lea	C and D	4	19S	38E	Sampling/O&M
Wednesday, June 21-22, 2023	8:00 AM	Lee Gas Plant	Lea	O	30	17S	35E	Sampling/O&M
Friday, June 23, 2023	8:00 AM	Hobbs Gas Plant	Lea	G	36	18S	36E	Sampling
Monday, June 26, 2023	8:00 AM	RR Extension	Lea	C and F	19	20S	37E	Sampling
Tuesday, June 27, 2023	8:00 AM	Monument Booster	Lea	B	33	19S	37E	Sampling
Wednesday, June 28, 2023	8:00 AM	Burton Flats	Eddy	D	1	21S	27E	Sampling/EFR
Wednesday, June 28, 2023	12:00 PM	PCA Junction	Eddy	E and L	11	20S	30E	Sampling

Let me know if you have any questions or concerns with the schedule.
Thanks
Steve
PLEASE NOTE: My email has changed to Stephen.Weathers@P66.com effective April 29, 2023. Please update my email in your contacts and address list.

Steve Weathers, P.G.
Program Manager, Remediation Management

Phillips 66 | 6900 E. Layton Ave.| Suite 900
Denver, CO 80237-3658 | M: 303-619-3042
stephen.weathers@p66.com

From: Weathers, Stephen
To: Kyle Norman; Brett Dennis
Subject: FW: [EXTERNAL] Notification of DCP 3rd Quarter 2023 Groundwater Monitoring for SENM Remediation Projects
Date: Wednesday, September 6, 2023 3:21:51 PM
Attachments: image002.png
image005.png
image001.jpg
Outlook-lmfq0qgu.png
image003.jpg
image004.jpg

See Nelson's comments below. We just need to let them know of any changes to the schedule. I would strictly adhere to your schedule if at all possible.

Steve Weathers, P.G.
Program Manager, Remediation Management

Phillips 66 | 6900 E. Layton Ave.| Suite 900
Denver, CO 80237-3658 | M: 303-619-3042
stephen.weathers@p66.com

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Wednesday, September 6, 2023 2:19 PM
To: Weathers, Stephen <Stephen.Weathers@p66.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: Re: [EXTERNAL] Notification of DCP 3rd Quarter 2023 Groundwater Monitoring for SENM Remediation Projects

Stephen,

Thank you for the notice. If an OCD representative is not on-site on the date &/or time given, please proceed with your sampling. For whatever reason, the sample collection timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of the rescheduling may result in the sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

Thanks again

Regards,

Nelson Velez ● Environmental Specialist - Adv

Environmental Bureau | EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

(505) 469-6146 | nelson.velez@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

From: Weathers, Stephen <Stephen.Weathers@p66.com>
Sent: Wednesday, September 6, 2023 1:50 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: [EXTERNAL] Notification of DCP 3rd Quarter 2023 Groundwater Monitoring for SENM Remediation Projects

Nelson/Mike
This email is to serve as notification that Tasman will be conducting the 3rd Quarter 2023 groundwater sampling event during September at several DCP remediation sites.
Below is the estimated sampling schedule.

3nd Quarter 2023								
Date	Time (Approximate)	Location	County	Unit Letter	Section	Township	Range	Comments/NMOCD Case Number
Monday, September 18-19, 2023	8:00 AM	Hobbs Booster Station	Lea	C and D	4	19S	38E	AP-114/Sampling

Wednesday, September 20, 2023	8:00 AM	Hobbs Gas Plant	Lea	G	36	18S	36E	AP-122/Sampling
Thursday, September 21, 2023	8:00 AM	RR Extension	Lea	C and F	19	20S	37E	AP-55/Sampling
Friday, September 22, 2023	8:00 AM	Linam Ranch	Lea	B	6	19S	37E	GW-015/Sampling
Monday, September 25-27 2023	8:00 AM	Eldridge Ranch	Lea	P	21	19S	37E	AP-33/Sampling
Thursday, September 28, 2023	8:00 AM	Burton Flats	Eddy	D	1	21S	27E	2RP-799/Sampling

Let me know if you have any questions or concerns with the schedule.

Thanks

Steve

Steve Weathers, P.G.
Program Manager, Remediation Management

Phillips 66 | 6900 E. Layton Ave.| Suite 900
Denver, CO 80237-3658 | M: 303-619-3042
stephen.weathers@p66.com

From: Weathers, Stephen
To: Velez, Nelson, EMNRD; Bratcher, Michael, EMNRD
Cc: Kyle Norman; Brett Dennis
Subject: Notification of DCP 4th Quarter 2023 Groundwater Monitoring for SENM Remediation Projects
Date: Monday, November 27, 2023 8:21:23 AM
Attachments: image002.png
image004.png
image005.gif
image006.jpg
image001.jpg

Nelson/Mike
This email is to serve as notification that Tasman will be conducting the 4th Quarter 2023 groundwater sampling event during December at several DCP remediation sites.
Below is the estimated sampling schedule.

4th Quarter 2023								
Date	Time (Approximate)	Location	County	Unit Letter	Section	Township	Range	Comments/NMOCD Case Number
Monday, December 4 – 5, 2023	8:00 AM	Hobbs Booster Station	Lea	C and D	4	19S	38E	AP-114/Sampling
Wednesday, December 6-7, 2023	8:00 AM	Lee Gas Plant	Lea	O	30	17S	35E	GW-002/Sampling
Friday, December 8, 2023	8:00 AM	Hobbs Gas Plant	Lea	G	36	18S	36E	AP-122/Sampling
Monday, December 11, 2023	8:00 AM	RR Extension	Lea	C and F	19	20S	37E	AP-55/Sampling
Tuesday, December 12, 2023	8:00 AM	Monument Booster	Lea	B	33	19S	37E	1RP-156-0/Sampling
Wednesday, December 13, 2023	8:00 AM	Burton Flats	Eddy	D	1	21S	27E	2RP-799/Sampling
Wednesday, December 13, 2023	12:00 PM	PCA Junction	Eddy	E and L	11	20S	30E	2RP-43/Sampling

Let me know if you have any questions.

Thanks
Steve

Steve Weathers, P.G.
Program Manager, Remediation Management

Phillips 66 | 6900 E. Layton Ave.| Suite 900
Denver, CO 80237-3658 | M: 303-619-3042
stephen.weathers@p66.com

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 325366

CONDITIONS

Operator:	OGRID:
DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	36785
	Action Number: 325366
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Groundwater Monitoring Summar Report for RR Extension Pipeline Release: content satisfactory 1. Continue to conduct quarterly groundwater monitoring at the site for BTEX. 2. Continue to sample groundwater for chlorides on a semi-annual basis until all wells demonstrate below the WQCC standard, then transition back to quarterly until eight (8) consecutive quarters is achieved below the standard for chloride. 3. Sampling analysis for chloride may not be suspended as there are no past incidents close enough to the vicinity of this pipeline release to have contributed to chlorides and there have not been background monitoring wells established for the release. 4. Please continue to conduct quarterly EFR/AS events at the site as accumulation permits for collection and removal. 5. Please submit the 2024 groundwater monitoring summary report by April 1, 2025.	7/8/2024