2024 Groundwater Monitoring Summary Report

PCA Junction Compressor Station
Eddy County, New Mexico
2RP-43
NMOCD Incident Number: nAUTOFAB000443

Prepared for:

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April 4, 2025

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1. Introduction

This report summarizes groundwater monitoring and remediation activities conducted during the 2024 calendar year at the former PCA Junction compressor station in compliance with New Mexico Oil Conservation Division (NMOCD) of the Energy, Minerals, and Natural Resources Department (EMNRD) requirements. This Site has been assigned EMNRD Incident Number nAUTOFAB000443. This Report provides the results of quarterly groundwater sampling events completed at PCA Junction (Site) during all four quarters of 2024. Tasman Geosciences (Tasman) performed these activities on behalf of DCP Operating Company (DCP).

2. Site Location and Background

The Site is located in the SW ¼ of NW ¼ and NW ¼ of SW ¼, Section 11, Township 20 South, Range 30 East in Eddy County, New Mexico approximately 20 miles northeast of Carlsbad, New Mexico. The GPS coordinates are 32.587749° N latitude and 103.948845° W longitude. A Site Location Map is provided as Figure 1 and a site overview is included on Figure 2. The Site occupies approximately 0.8 acres surrounded by undeveloped land and exploration and production infrastructure. Equipment at the Site is inactive except for a pigging station. There are ten groundwater monitoring wells (MW-01, MW-02, MW-03, MW-04, MW-05, MW-06, MWA-01, MWA-02, MW-0R1, and MW-0R2) located on-site.

3. Regulatory Framework

The New Mexico Administrative Code requires groundwater to be analyzed for potential contaminants as defined by the New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103 Section A, which provides Human Health Standards for Groundwater. The constituents of concern (COCs) in affected groundwater at the Site are benzene, toluene, ethylbenzene, and total xylenes (BTEX). The regulation also states that light non-aqueous phase liquids (LNAPL) shall not be present floating atop or immersed within groundwater, as can be reasonably measured.

4. Groundwater Monitoring

This section describes the groundwater field and laboratory activities performed during the 2024 monitoring events occurring on March 21, June 19, September 26, and December 16. Monitoring activities included Site-wide groundwater gauging and groundwater sampling. Figure 2 illustrates the groundwater monitoring well network utilized to perform these activities at the Site.

4.1 Groundwater Elevation

Depth to groundwater, later converted to elevation, were measured to evaluate hydraulic characteristics and provide information regarding seasonal and annual fluctuations in groundwater elevations at the Site. During the 2024 reporting period, groundwater levels were measured at ten monitoring well locations, of which, six are currently dry or presumed destroyed. Wells that are presumed destroyed are the result of pipeline installation activities occurring at the site. LNAPL was not observed throughout 2024.

Groundwater levels (if present) 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 was later converted to elevation (feet above mean sea level [AMSL]). Measured groundwater levels, calculated groundwater elevations, and LNAPL level data are presented in Table 1.

Groundwater elevation maps, included as Figures 3 - 6, indicate that groundwater flow at the Site trends to the northwest. Groundwater elevations ranges, average elevation changes from previous monitoring events, and calculated hydraulic gradients at the Site are summarized in the table below.

Summary of Measured Hydraulic Parameters

Quarter	1st	2nd	3rd	4th
Maximum Elevation (Well ID)	3,187.43 (MW-05)	3,189.30 (MW-0R2)	3,188.79 (MW-0R2)	3,188.48 (MW-0R2)
Minimum Elevation (Well ID)	3,187.25 (MW-06)	3,186.71 (MW-0R1)	3,186.61 (MW-0R1)	3,186.36 (MW-0R1)
Potentiometric Surface Average Change	-0.04	-0.15	0.14	-0.62
Hydraulic Gradient/ (Wells IDs)	0.0005	0.0175	0.0147	0.0143

4.2 Groundwater Quality

Subsequent to recording groundwater level measurements, groundwater samples were collected from five monitoring wells at the Site. A minimum of three well casing volumes of groundwater was purged from each monitoring well prior to collection of groundwater samples. Following well purging activities, groundwater samples were collected using disposable polyethylene bailers, 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 shipped under chain-of-custody procedures to Pace Analytical labs (Pace) in Mt. Juliet, Tennessee for analysis. Water quality samples were submitted for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) by United States Environmental Protection Agency (USEPA) Method 8260B.

Table 2 summarizes BTEX concentrations in groundwater samples collected during the reporting period. Analytical results from the 2024 monitoring events are displayed on Figures 7 - 10. Historical analytical results from March 24, 2021 up to and including the 4Q24 event are included in Appendix A.

Benzene, toluene, ethylbenzene, and total xylenes were not detected above their respective NMWQCC standards at any of the monitor wells sampled during the 2024 reporting period.

4.3 Data Quality Assurance / Quality Control

Data quality assurance / quality control (QA/QC) procedures included the collection and analysis of QA/QC samples, as well as a review of laboratory analytical data for QA/QC compliance. Specifically, the following QA/QC procedures were conducted: a trip blank was collected and submitted for analysis; a field duplicate sample from well MW-05 and MW-0R1 was collected and submitted for analysis; and laboratory data were reviewed for compliance with the analytical method(s) and the associated QA/QC procedures.

An evaluation of the QA/QC procedures conducted during the 2024 groundwater monitoring events indicated the following:

- Target analytes were not detected in the trip blank.
- Calculated RPDs of parent samples and their duplicates are shown in the table below:

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
MW-05	0.00%	57.18%	---	---
MW-0R1	---	---	49.27%	12.12%

- Submitted samples were analyzed using the correct analytical methods and within the correct holding times.
- Chain of custody forms were in order and properly executed.
- Data was reported using the correct method number and reporting units.

The overall QA/QC assessment of the 2024 data indicates that overall data precision and accuracy are acceptable.

5. Monitor Well Installation

On February 8, 2024, DCP/P66 provided notice via email to the New Mexico Office of State Engineer (NMOSE) of the planned monitoring well installation activities. Acknowledgement was received April 15, 2024, and copies of NMOSE notifications are provided in Appendix B.

Between April 24 and 25, 2024, 2 monitoring wells (MW-01R and MW-02R) were installed using mud rotary drilling methods. Locations of the monitoring wells are illustrated on Figure 2. Drilling and monitoring well installation were performed in accordance with the NMED GWQB-MWCAG. Since wells were installed using mud rotary, vadose zone soil samples were unable to be collected during drilling activities.

6. Conclusions and Closure Request

The monitoring data collected during 2024 provides the following general observations:

- All on-site monitoring wells have consistently shown concentrations of BTEX that are below their respective NMWQCC standards. Since 2017, there have been no recorded instances of COC concentrations exceeding regulatory thresholds.

Based on evaluation of data provided herein, DCP respectfully requests that the site be granted closure.

Tables

TABLE 1
2024 ANNUAL
SUMMARY OF GROUNDWATER ELEVATION DATA
PCA JUNCTION COMPRESSOR STATION
EDDY COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (LNAPL) (feet)	Total Depth (feet)	TOC Elevation (feet amsl) (2)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event [1] (feet)
MW-01	3/21/2024	DRY			28.34	3,219.46	NM	NC
MW-01	6/19/2024	DRY			28.34	3,219.46	NM	NC
MW-01	9/26/2024	DRY			28.34	3,219.46	NM	NC
MW-01	12/16/2024	DRY			28.34	3,219.46	NM	NC
MW-02	3/21/2024	DRY			28.40	3,218.32	NM	NC
MW-02	6/19/2024	DRY			28.40	3,218.32	NM	NC
MW-02	9/26/2024	PRESUMED DESTROYED				3,218.32	NM	NC
MW-02	12/16/2024	PRESUMED DESTROYED				3,218.32	NM	NC
MW-03	3/21/2024	DRY			28.59	3,217.80	NM	NC
MW-03	6/19/2024	DRY			28.59	3,217.80	NM	NC
MW-03	9/26/2024	DRY			28.59	3,217.80	NM	NC
MW-03	12/16/2024	DRY			28.59	3,217.80	NM	NC
MW-04	3/21/2024	33.87			34.26	3,221.26	3,187.39	-0.06
MW-04	6/19/2024	33.93			34.26	3,221.26	3,187.33	-0.06
MW-04	9/26/2024	DRY			34.26	3,221.26	NM	NC
MW-04	12/16/2024	DRY			34.26	3,221.26	NM	NC
MW-05	3/21/2024	36.12			37.95	3,223.55	3,187.43	0.03
MW-05	6/19/2024	36.33			37.95	3,223.55	3,187.22	-0.21
MW-05	9/26/2024	34.88			37.95	3,223.55	3,188.67	1.45
MW-05	12/16/2024	36.63			37.95	3,223.55	3,186.92	-1.75
MW-06	3/21/2024	34.31			37.15	3,221.56	3,187.25	-0.08
MW-06	6/19/2024	34.50			37.15	3,221.56	3,187.06	-0.19
MW-06	9/26/2024	34.75			37.15	3,221.56	3,186.81	-0.25
MW-06	12/16/2024	34.90			37.15	3,221.56	3,186.66	-0.15
MWA-01	3/21/2024	DESTROYED			NA	3,218.72	NM	NC
MWA-01	6/19/2024	DESTROYED			NA	3,218.72	NM	NC
MWA-01	9/26/2024	DESTROYED			NA	3,218.72	NM	NC
MWA-01	12/16/2024	DESTROYED			NA	3,218.72	NM	NC
MWA-02	3/21/2024	DRY			28.14	3,220.02	NM	NC
MWA-02	6/19/2024	DRY			28.14	3,220.02	NM	NC
MWA-02	9/26/2024	DRY			28.14	3,220.02	NM	NC
MWA-02	12/16/2024	DRY			28.14	3,220.02	NM	NC
MW-0R1	6/19/2024	32.01			46.30	3,218.72	3,186.71	NC
MW-0R1	9/26/2024	32.11			46.30	3,218.72	3,186.61	-0.10
MW-0R1	12/16/2024	32.36			46.30	3,218.72	3,186.36	-0.25
MW-0R2	6/19/2024	30.72			48.07	3,220.02	3,189.30	NC
MW-0R2	9/26/2024	31.23			48.07	3,220.02	3,188.79	-0.51
MW-0R2	12/16/2024	31.54			48.07	3,220.02	3,188.48	-0.31
							Average change in groundwater elevation (9/26/2024 to 12/16/2024)	-0.62

Notes:

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

amsl = feet above mean sea level

TOC = top of casing

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

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

LNAPL relative density is assumed to be approximately 0.75

NM = Not Measured NC = Not Calculated

TABLE 2
2024 ANNUAL
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
PCA JUNCTION COMPRESSOR STATION
EDDY COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.010**	**1.00**	**0.70**	**0.62**	
MW-01	3/21/24	NS - DRY				DRY
MW-01	6/19/24	NS - DRY				DRY
MW-01	9/26/24	NS - DRY				DRY
MW-01	12/16/24	NS - DRY				DRY
MW-02	3/21/24	NS - DRY				DRY
MW-02	6/19/24	NS - DRY				DRY
MW-02	9/26/24	NS - Well Presumed Destroyed				DRY
MW-02	12/16/24	NS - Well Presumed Destroyed				DRY
MW-03	3/21/24	NS - DRY				DRY
MW-03	6/19/24	NS - DRY				DRY
MW-03	9/26/24	NS - DRY				DRY
MW-03	12/16/24	NS - DRY				DRY
MW-04	3/21/24	NS - DRY				DRY
MW-04	6/19/24	NS - DRY				DRY
MW-04	9/26/24	NS - DRY				DRY
MW-04	12/16/24	NS - DRY				DRY
MW-05	3/21/24	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-05 (Duplicate)	3/21/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-05	6/19/24	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-05 (Duplicate)	6/19/24	0.0018	<0.00100	0.00191	0.00959	
MW-05	9/26/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-05	12/16/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-06	3/21/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-06	6/19/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-06	9/26/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-06	12/16/24	<0.00100	<0.00100	<0.00100	<0.00300	
MWA-01	3/21/24	NS - Well Presumed Destroyed				
MWA-01	6/19/24	NS - Well Presumed Destroyed				
MWA-01	9/26/24	NS - Well Presumed Destroyed				
MWA-01	12/16/24	NS - Well Presumed Destroyed				
MWA-02	3/21/24	NS - DRY				DRY
MWA-02	6/19/24	NS - DRY				DRY
MWA-02	9/26/24	NS - DRY				DRY
MWA-02	12/16/24	NS - DRY				DRY
MW-0R1	6/19/24	0.00119	<0.00100	0.000809 J	0.00511	
MW-0R1	9/26/24	0.00108	<0.00100	0.00543	0.00757	Duplicate Sample Collected
MW-0R1 (Duplicate)	9/26/24	0.000653 J	<0.00100	0.00317	0.00458	
MW-0R1	12/16/24	0.000691 J	<0.00100	0.00364	0.000565 J	Duplicate Sample Collected
MW-0R1 (Duplicate)	12/16/24	0.000612 J	<0.00100	0.0031	0.000428 J	
MW-0R2	6/19/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-0R2	9/26/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-0R2	12/16/24	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	3/21/24	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	6/19/24	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	9/26/24	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	12/16/24	<0.00100	<0.00100	<0.00100	<0.00300	

Notes:

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

NMWQCC = New Mexico Water Quality Control Commission

LNAPL = Light Non-Aqueous Phase Liquid

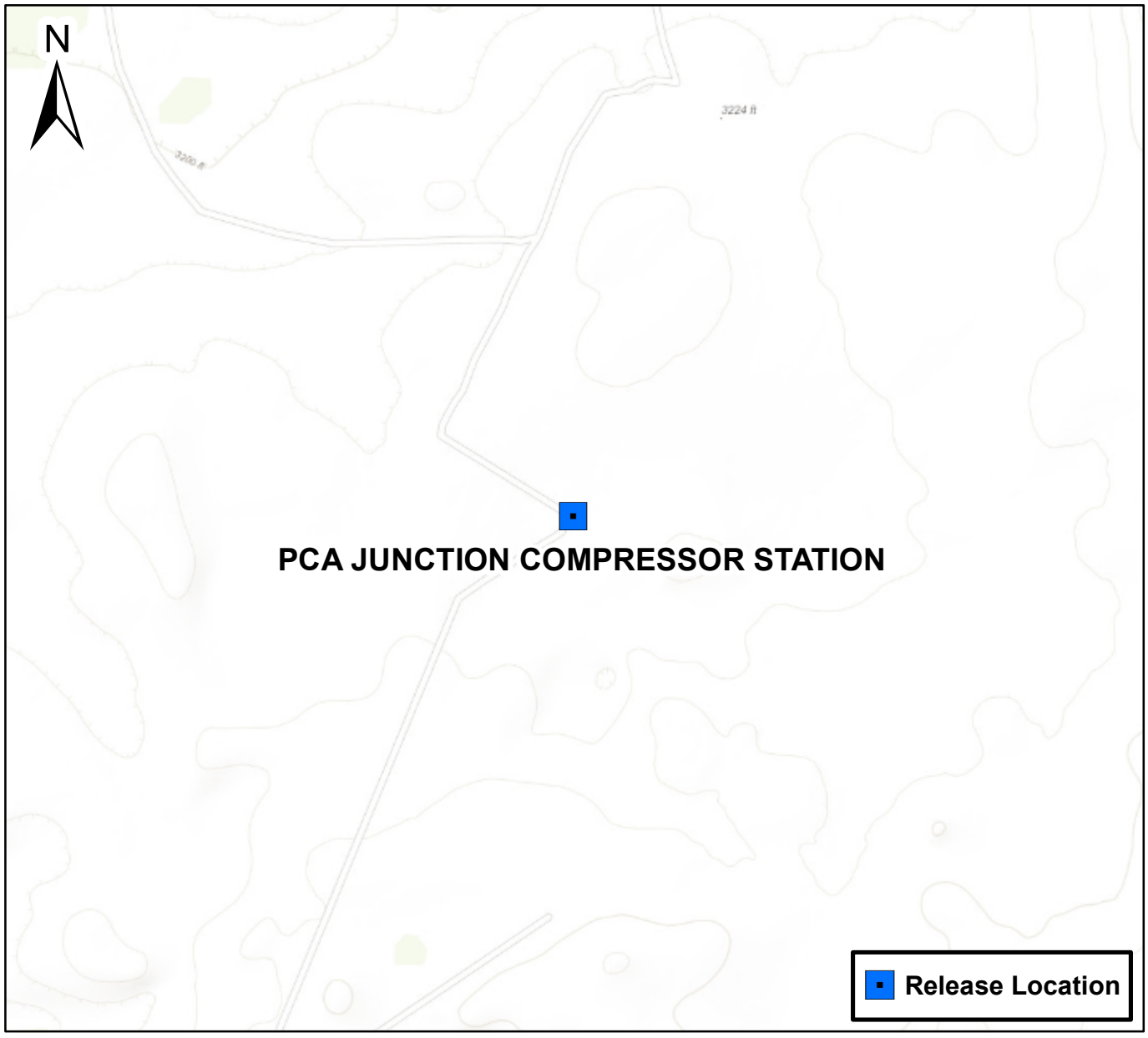
J = A qualifier indicating the identification of the analyte is acceptable; the reported value is an estimate.

NS = Not Sampled

NA = Not Analyzed

mg/L = milligrams per liter

Figures



0 1,000 2,000 Feet

Figure 1

Site Location Map
PCA Junction Compressor Station
NWSW S11 T20S R30E
Eddy County, New Mexico

TASMAN

Drawn By: JKC
Date: 8/30/2022

DATE: July 2024 DESIGNED BY: B. Dennis DRAWN BY: B. Dennis	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Operating Company, LP** **PCA Junction Compressor Station** NWSW S11 T20S R30E Eddy County, New Mexico	Site Overview	Figure 2

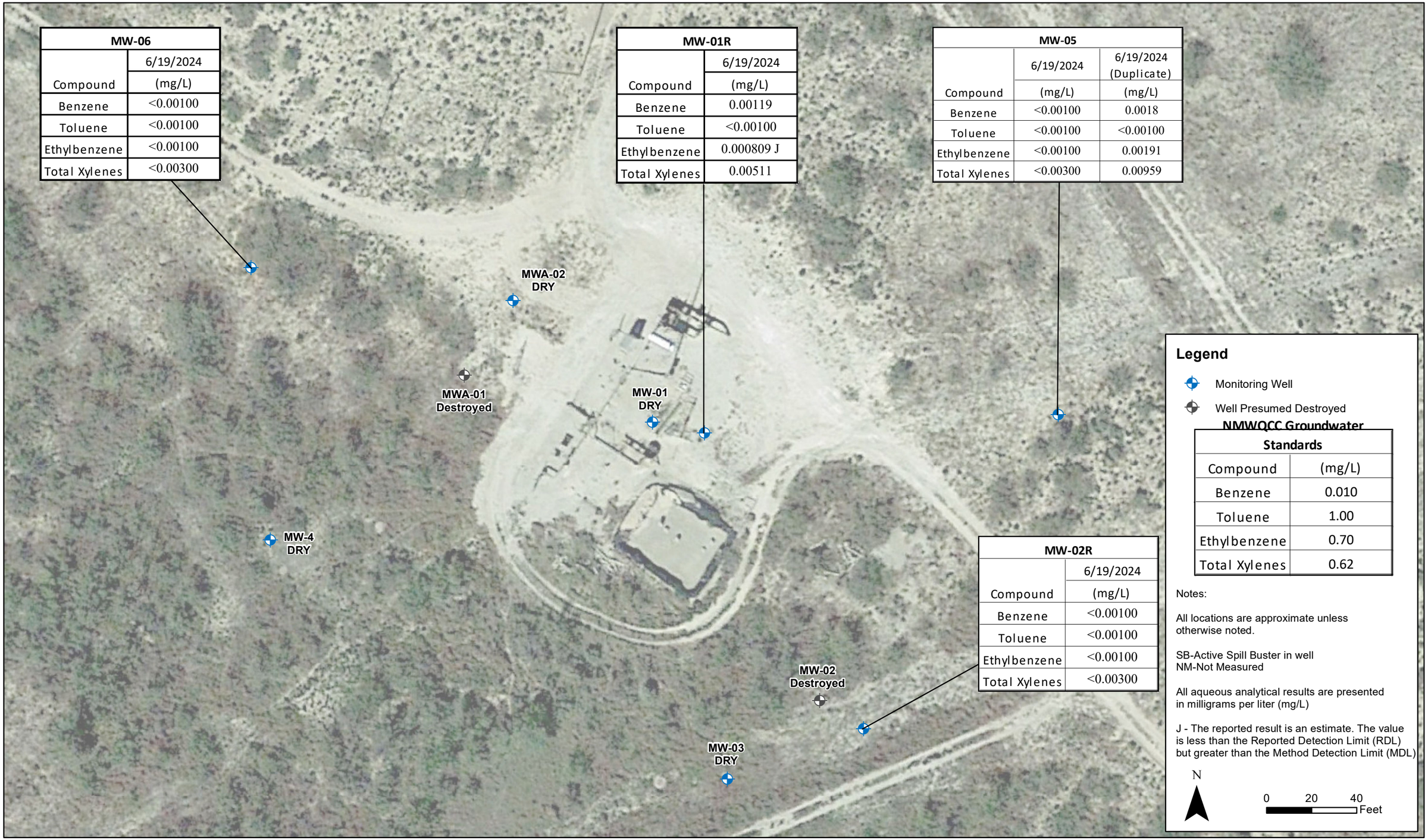
DATE: March 2024 DESIGNED BY: B. Dennis DRAWN BY: B. Dennis	TASMAN	Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Operating Company, LP** **PCA Junction Compressor Station** NWSW S11 T20S R30E Eddy County, New Mexico	Groundwater Elevation Contour Map (03/21/2024)	Figure 3

DATE: July 2024 DESIGNED BY: B. Dennis DRAWN BY: B. Dennis	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Operating Company, LP** **PCA Junction Compressor Station** NWSW S11 T20S R30E Eddy County, New Mexico	Groundwater Elevation Contour Map (06/19/2024)	Figure 4

DATE: September 2024 DESIGNED BY: B. Dennis DRAWN BY: B. Dennis	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Operating Company, LP** **PCA Junction Compressor Station** NWSW S11 T20S R30E Eddy County, New Mexico	Groundwater Elevation Contour Map (09/26/2024)	Figure 5

DATE: December 2024 DESIGNED BY: B. Dennis DRAWN BY: K. Stark	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Operating Company, LP** **PCA Junction Compressor Station** NWSW S11 T20S R30E Eddy County, New Mexico	Groundwater Elevation Contour Map (12/16/2024)	Figure 6

DATE: March 2024 DESIGNED BY: J. Watts DRAWN BY: K. Stark	TASMAN	Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Operating Company, LP** **PCA Junction Compressor Station** NWSW S11 T20S R30E Eddy County, New Mexico	Groundwater Analytical Map (3/21/2024)	Figure 7



DATE: July 2024 DESIGNED BY: J. Watts DRAWN BY: K. Stark	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Operating Company, LP** **PCA Junction Compressor Station** NWSW S11 T20S R30E Eddy County, New Mexico	Groundwater Analytical Map (6/19/2024)	Figure 8

MW-06	
Compound	9/26/2024 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-01R		
Compound	9/26/2024 (mg/L)	9/26/2024 Duplicate
Benzene	0.00108	0.000653 J
Toluene	<0.00100	<0.00100
Ethylbenzene	0.00543	0.00317
Total Xylenes	0.00757	0.00458

MW-05	
Compound	9/26/2024 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-02R	
Compound	9/26/2024 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MWA-02
DRY

MWA-01
Destroyed

MW-01
DRY

MW-4
DRY

MW-02
Destroyed

MW-03
DRY

Legend

- Monitoring Well
- Well Presumed Destroyed

NMWQCC Groundwater Standards

Compound	(mg/L)
Benzene	0.010
Toluene	1.00
Ethylbenzene	0.70
Total Xylenes	0.62

Notes:

All locations are approximate unless otherwise noted.

SB-Active Spill Buster in well
NM-Not Measured

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

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

N

0 20 40 Feet

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

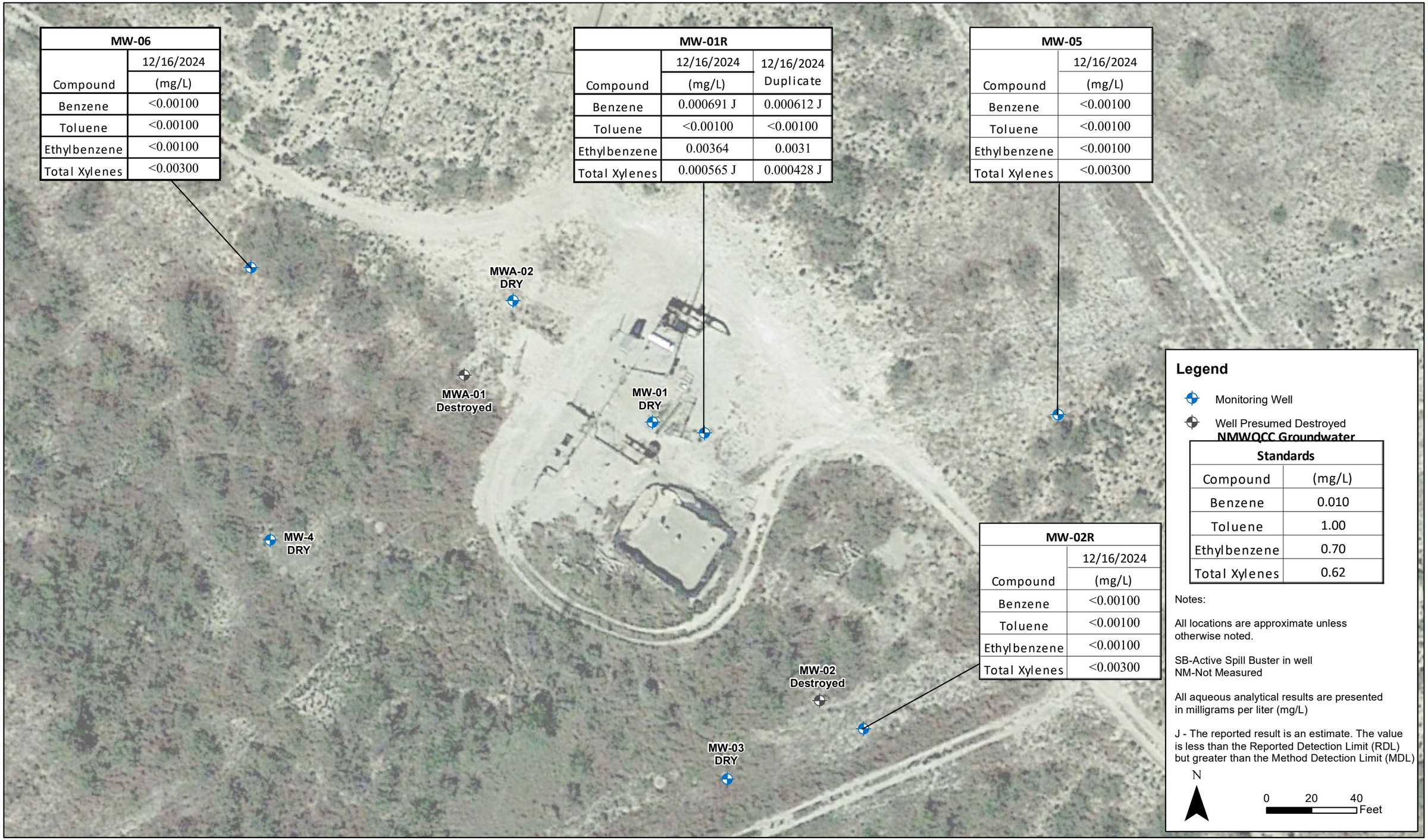
TASMAN

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

DCP Operating Company, LP
PCA Junction Compressor Station
NWSW S11 T20S R30E
Eddy County, New Mexico

Groundwater Analytical Map (9/26/2024)

Figure 9



DATE: December 2024 DESIGNED BY: J. Watts DRAWN BY: K. Stark	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Operating Company, LP** **PCA Junction Compressor Station** NWSW S11 T20S R30E Eddy County, New Mexico	Groundwater Analytical Map (12/16/2024)	Figure 10

Appendix A

Historical Analytical Data

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
PCA JUNCTION COMPRESSOR STATION
EDDY COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-01	3/24/21	NS	NS	NS	NS	DRY
MW-01	6/29/21	NS	NS	NS	NS	DRY
MW-01	9/20/22	NS	NS	NS	NS	DRY
MW-01	12/07/22	NS	NS	NS	NS	DRY
MW-01	3/16/23	NS	NS	NS	NS	DRY
MW-01	6/28/23	NS	NS	NS	NS	DRY
MW-01	9/28/23	NS	NS	NS	NS	DRY
MW-01	12/13/23	NS	NS	NS	NS	DRY
MW-01	3/21/24	NS	NS	NS	NS	DRY
MW-01	6/19/24	NS	NS	NS	NS	DRY
MW-01	9/26/24	NS	NS	NS	NS	DRY
MW-01	12/16/24	NS	NS	NS	NS	DRY
MW-02	3/24/21	NS	NS	NS	NS	DRY
MW-02	6/29/21	NS	NS	NS	NS	DRY
MW-02	9/20/22	NS	NS	NS	NS	DRY
MW-02	12/07/22	NS	NS	NS	NS	DRY
MW-02	3/16/23	NS	NS	NS	NS	DRY
MW-02	6/28/23	NS	NS	NS	NS	DRY
MW-02	9/28/23	NS	NS	NS	NS	DRY
MW-02	12/13/23	NS	NS	NS	NS	DRY
MW-02	3/21/24	NS	NS	NS	NS	DRY
MW-02	6/19/24	NS	NS	NS	NS	DRY
MW-02	9/26/24	NS	NS	NS	NS	DRY
MW-02	12/16/24	NS	NS	NS	NS	DRY
MW-03	3/24/21	NS	NS	NS	NS	DRY
MW-03	6/29/21	NS	NS	NS	NS	DRY
MW-03	9/20/22	NS	NS	NS	NS	DRY
MW-03	12/07/22	NS	NS	NS	NS	DRY
MW-03	3/16/23	NS	NS	NS	NS	DRY
MW-03	6/28/23	NS	NS	NS	NS	DRY
MW-03	9/28/23	NS	NS	NS	NS	DRY
MW-03	12/13/23	NS	NS	NS	NS	DRY
MW-03	3/21/24	NS	NS	NS	NS	DRY
MW-03	6/19/24	NS	NS	NS	NS	DRY
MW-03	9/26/24	NS	NS	NS	NS	DRY
MW-03	12/16/24	NS	NS	NS	NS	DRY
MW-04	3/24/21	<0.0000941	<0.000278	<0.000137	<0.000174	
MW-04	6/29/21	0.000184 J	<0.000278	<0.000137	<0.000174	
MW-04	9/20/22	<0.00100	<0.00100	<0.00100	<0.00300	
MW-04	12/07/22	<0.00100	<0.00100	<0.00100	<0.00300	
MW-04	3/16/23	<0.00100	<0.00100	<0.00100	<0.00300	
MW-04	6/28/23	<0.00100	<0.00100	<0.00100	<0.00300	
MW-04	9/28/23	NS - DRY				
MW-04	12/13/23	NS - DRY				
MW-04	3/21/24	NS - DRY				
MW-04	6/19/24	NS - DRY				
MW-04	9/26/24	NS - DRY				
MW-04	12/16/24	NS - DRY				

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
PCA JUNCTION COMPRESSOR STATION
EDDY COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-05	3/24/21	<0.0000941	<0.000278	<0.000137	<0.000174	
MW-05	6/29/21	<0.0000941	<0.000278	<0.000137	<0.000174	
MW-05	9/20/22	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-05 (Duplicate)	9/20/22	<0.00100	<0.00100	<0.00100	<0.00300	
MW-05	12/07/22	<0.00100	<0.00100	<0.00100	<0.00300	
MW-05	3/16/23	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-05 (Duplicate)	3/16/23	<0.00100	<0.00100	<0.00100	<0.00300	
MW-05	6/28/23	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-05 (Duplicate)	6/28/23	<0.00100	<0.00100	<0.00100	<0.00300	
MW-05	9/28/23	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-05 (Duplicate)	9/28/23	<0.00100	<0.00100	<0.00100	<0.00300	
MW-05	12/13/23	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-05 (Duplicate)	12/13/23	<0.00100	<0.00100	<0.00100	<0.00300	
MW-05	3/21/24	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-05 (Duplicate)	3/21/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-05	6/19/24	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-05 (Duplicate)	6/19/24	0.0018	<0.00100	0.00191	0.00959	
MW-05	9/26/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-05	12/16/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-06	3/24/21	<0.0000941	<0.000278	<0.000137	<0.000174	
MW-06	6/29/21	<0.0000941	<0.000278	<0.000137	<0.000174	
MW-06	9/20/22	<0.00100	<0.00100	<0.00100	<0.00300	
MW-06	12/07/22	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-06 (Duplicate)	12/07/22	<0.00100	<0.00100	<0.00100	<0.00300	
MW-06	3/16/23	<0.00100	<0.00100	<0.00100	<0.00300	
MW-06	6/28/23	<0.00100	<0.00100	<0.00100	<0.00300	
MW-06	9/28/23	<0.00100	<0.00100	<0.00100	<0.00300	
MW-06	12/13/23	<0.00100	<0.00100	<0.00100	<0.00300	
MW-06	3/21/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-06	6/19/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-06	9/26/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-06	12/16/24	<0.00100	<0.00100	<0.00100	<0.00300	
MWA-01	3/24/21	<0.0000941	<0.000278	<0.000137	<0.000174	
MWA-01 (Dup-1)	3/24/21	<0.0000941	<0.000278	<0.000137	<0.000174	
MWA-01	6/29/21	<0.0000941	<0.000278	<0.000137	<0.000174	
MWA-01	9/20/22	NS	NS	NS	NS	DRY
MWA-01	12/07/22	<0.00100	<0.00100	<0.00100	<0.00300	
MWA-01	3/16/23	<0.00100	<0.00100	<0.00100	<0.00300	
MWA-01	6/28/23	<0.00100	<0.00100	<0.00100	<0.00300	
MWA-01	9/28/23	NS - Well Presumed Destroyed				
MWA-01	12/13/23	NS - Well Presumed Destroyed				
MWA-01	3/21/24	NS - Well Presumed Destroyed				
MWA-01	6/19/24	NS - Well Presumed Destroyed				
MWA-01	9/26/24	NS - Well Presumed Destroyed				
MWA-01	12/16/24	NS - Well Presumed Destroyed				

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
PCA JUNCTION COMPRESSOR STATION
EDDY COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.005**	**1.00**	**0.70**	**0.62**	
MWA-02	3/24/21	NS	NS	NS	NS	DRY
MWA-02	6/29/21	NS	NS	NS	NS	DRY
MWA-02	9/20/22	NS	NS	NS	NS	DRY
MWA-02	12/07/22	NS	NS	NS	NS	DRY
MWA-02	3/16/23	NS	NS	NS	NS	DRY
MWA-02	6/28/23	NS	NS	NS	NS	DRY
MWA-02	9/28/23	NS - Well Presumed Destroyed				
MWA-02	12/13/23	NS	NS	NS	NS	DRY
MWA-02	3/21/24	NS	NS	NS	NS	DRY
MWA-02	6/19/24	NS	NS	NS	NS	DRY
MWA-02	9/26/24	NS	NS	NS	NS	DRY
MWA-02	12/16/24	NS	NS	NS	NS	DRY
MW-0R1	6/19/24	0.00119	<0.00100	0.000809 J	0.00511	
MW-0R1	9/26/24	0.00108	<0.00100	0.00543	0.00757	Duplicate Sample Collected
MW-0R1 (Duplicate)	9/26/24	0.000653 J	<0.00100	0.00317	0.00458	
MW-0R1	12/16/24	0.000691 J	<0.00100	0.00364	0.000565 J	Duplicate Sample Collected
MW-0R1 (Duplicate)	12/16/24	0.000612 J	<0.00100	0.0031	0.000428 J	
MW-0R2	6/19/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-0R2	9/26/24	<0.00100	<0.00100	<0.00100	<0.00300	
MW-0R2	12/16/24	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	9/20/22	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	12/07/22	<0.00100	0.000568 J	<0.00100	<0.00300	
Trip Blank	3/16/23	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	6/28/23	<0.00100	0.000568 J	<0.00100	<0.00300	
Trip Blank	9/28/23	<0.00100	<0.00100	<0.00100	.000261 J	
Trip Blank	12/13/23	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	3/21/24	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	6/19/24	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	9/26/24	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	12/16/24	<0.00100	<0.00100	<0.00100	<0.00300	

Notes:
Bold red values indicate an exceedance of the NMWQCC groundwater standards for the Site.
NMWQCC = New Mexico Water Quality Control Commission
LNAPL = Light Non-Aqueous Phase Liquid
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

NMOCD and NMOSE Notifications

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

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

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 322574
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAUTOfAB000443**
Incident Name	**NAUTOFAB000443 2000 A SPL @ 0**
Incident Type	**Release Other**
Incident Status	**Closure Not Approved**
Incident Facility	**[fAB00000000741] PCA JUNCTION**

Location of Release Source	
Site Name	*Unavailable.*
Date Release Discovered	**12/10/2000**
Surface Owner	*Unavailable.*

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	21,000
What is the estimated number of samples that will be gathered	7
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/21/2024
Time sampling will commence	12:00 PM
Please provide any information necessary for observers to contact samplers	Groundwater abatement per 19.15.30.14B NMAC
Please provide any information necessary for navigation to sampling site	Email notification provided to Nelson Velez on 3/8/24 and acknowledged on 3/11/24.

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1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 322574
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

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

District I
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District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 338410

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 338410
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAUTOfAB000443**
Incident Name	**NAUTOFAB000443 2000 A SPL @ 0**
Incident Type	**Release Other**
Incident Status	**Closure Not Approved**
Incident Facility	**[fAB00000000741] PCA JUNCTION**

Location of Release Source	
Site Name	*Unavailable.*
Date Release Discovered	**12/10/2000**
Surface Owner	*Unavailable.*

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	48,000
What is the estimated number of samples that will be gathered	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/01/2024
Time sampling will commence	09:30 AM
Please provide any information necessary for observers to contact samplers	Groundwater abatement per 19.15.30.14B NMAC
Please provide any information necessary for navigation to sampling site	Initial sampling of two newly installed monitor wells

District I
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 338410

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 338410
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
knorman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/29/2024

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

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

QUESTIONS

Action 352676

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 352676
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAUTOfAB000443**
Incident Name	**NAUTOFAB000443 2000 A SPL @ 0**
Incident Type	**Release Other**
Incident Status	**Closure Not Approved**
Incident Facility	**[fAB00000000741] PCA JUNCTION**

Location of Release Source	
Site Name	*Unavailable.*
Date Release Discovered	**12/10/2000**
Surface Owner	*Unavailable.*

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	47,900
What is the estimated number of samples that will be gathered	7
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/19/2024
Time sampling will commence	12:00 PM
Please provide any information necessary for observers to contact samplers	Groundwater abatement per 19.15.30.14B NMAC
Please provide any information necessary for navigation to sampling site	Contact Brett Dennis 3256607395

District I
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 352676
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
knorman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/10/2024

District I
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 382362
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAUTOfAB000443**
Incident Name	**NAUTOFAB000443 2000 A SPL @ 0**
Incident Type	**Release Other**
Incident Status	**Closure Not Approved**
Incident Facility	**[fAB00000000741] PCA JUNCTION**

Location of Release Source	
Site Name	*Unavailable.*
Date Release Discovered	**12/10/2000**
Surface Owner	*Unavailable.*

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	47,900
What is the estimated number of samples that will be gathered	7
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/26/2024
Time sampling will commence	12:00 PM
Please provide any information necessary for observers to contact samplers	Groundwater abatement per 19.15.30.14B NMAC
Please provide any information necessary for navigation to sampling site	Kyle Norman - 575-318-5017

District I
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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

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 382362
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
knorman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/16/2024

File No. CP-01995 POD1-2

NEW MEXICO OFFICE OF THE STATE ENGINEER

Office of the State Engineer
Interstate Stream Commission

WR-07 APPLICATION FOR PERMIT TO DRILL A WELL WITH NO WATER RIGHT

(check applicable boxes):

For fees, see State Engineer website: http://www.ose.state.nm.us/

Purpose:

- ☐ Pollution Control And/Or Recovery
- ☐ Ground Source Heat Pump
- ☐ Exploratory Well*(Pump test)
- ☐ Construction Site/Public Works Dewatering
- ☐ Other(Describe):
- ☒ Monitoring Well
- ☐ Mine Dewatering

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

*New Mexico Environment Department-Drinking Water Bureau (NMED-DWB) will be notified if a proposed exploratory well is used for public water supply.

☐ Check here if the borehole is anything other than vertifical (directional boring or angle boring) and include a schematic of your design.

☒ Temporary Request - Requested Start Date: 04/15/24 Requested End Date:

Plugging Plan of Operations Submitted? ☐ Yes ☒ No

Note: if there is known artesian conditions, contamination or high mineral content at the drilling location, include the borehole log or a well log from an existing well at that location. If this information is not submitted, check box and attach form WD-09 to this form. ☐

1. APPLICANT(S)

Name: DCP Midstream, LP	Name: Tasman, Inc.
Contact or Agent: Daniel Dick — check here if Agent ☐	Contact or Agent: Kyle Norman — check here if Agent ☐
Mailing Address: 6900 E Layton Avenue - Suite 900	Mailing Address: 2620 W Marland Blvd
City: Denver	City: Hobbs
State: CO Zip Code: 80237	State: NM Zip Code: 88240
Phone: ☐ Home ☒ Cell Phone (Work): 303-638-3726	Phone: ☐ Home ☒ Cell Phone (Work): 575-318-5017
E-mail (optional): daniel.dick@p66.com	E-mail (optional): knorman@tasman-geo.com

OSE DII APR 9 2024 PM3:02

FOR OSE INTERNAL USE

Application for Permit, Form WR-07, Rev 02/29/2024

File No.: CP-01995	Trn. No.: 758458	Receipt No.: 2-46764
Trans Description (optional):		
Sub-Basin: CP	PCW/LOG Due Date: 4/15/25	

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell), District V (Aztec) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)
☐ NM West Zone
☐ NM East Zone
☐ NM Central Zone

☐ UTM (NAD83) (Meters)
☐ Zone 12N
☐ Zone 13N

■ Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (*Quarters or Halves , Section, Township, Range*) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
MW-01R CP-01995 POD1	-103.948876	32.587747	NM 1/4 SW 1/4, Section 11, T20S, R30E
MW-02R CP-01995 POD2	-103.948636	32.587388	NW 1/4 SW 1/4, Section 11, T20S, R30E

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ☐ Yes ■ No **If yes, how many** 2

Other description relating well to common landmarks, streets, or other:

Well is on land owned by: Bureau of Land Management

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? ☐ Yes ■ No
If yes, how many_____

Approximate depth of well (feet): 45 ft	Outside diameter of well casing (inches): 2 inches
Driller Name: HCI Drilling	Driller License Number: WD-1731

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

DCP Midstream is proposing to install two (2) groundwater monitoring wells. Monitoring wells already existing at the site no longer exhibit groundwater due to decreasing groundwater elevation. Monitoring wells will remain in place until constituents of concern are demonstrated to be below applicable state regulating criteria and a no further action (NFA) determination has been approved for the site.

FOR OSE INTERNAL USE Application for Permit, Form WR-07 Version 02/29/2024

File No.: CP-01995 POD1-2	Trn No.: 758458

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory*: Is proposed well a future public water supply well? ☐ Yes ☒ NO If Yes, an application must be filed with NMED-DWB, concurrently. ☐ Include a description of any proposed pump test, if applicable.	**Pollution Control and/or Recovery:** ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge. ☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	**Construction De-Watering:** ☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of.	**Mine De-Watering:** ☐ Include a plan for pollution control/recovery, that includes the following ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring*: ☒ Include the reason for the monitoring well, and, ☒ The duration of the planned monitoring.		**Ground Source Heat Pump:** ☐ Include a description of the geothermal heat exchange project, ☐ The number of boreholes for the completed project and required depths. ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	

(* if exploration or monitoring drilling activity is required by NMED, then you must also submit the NMED Work Plan)

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Daniel Dick

Print Name(s)

affirm that the foregoing statements are true to the best of (my,our) knowledge and belief.

Daniel Dick Digitally signed by Daniel Dick Date: 2024.04.08 14:32:55 -06'00'

Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☑ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 15th day of April 20 24, for the State Engineer.

MIKE A. HAMMAN, P.E.

State Engineer

By: K. Parekh

Signature

KASHYAP PAREKH

Print

Title: WATER RESOURCE MANAGER I

Print

FOR OSE INTERNAL USE Application for Permit Form WR-07 Version 06/23/2024

File No.: CP-01995 POD1-2 Trn No 758458

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.

17-1A Depth of the well shall not exceed the thickness of the valley fill.

17-4 No water shall be appropriated and beneficially used under this permit.

17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: CP 01995 POD1-2

File Number: CP 01995
Trn Number: 758458

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.

17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.

17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

17-Q The State Engineer retains jurisdiction over this permit.

17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion CP 01995 POD1 must be completed and the Well Log filed on or before 04/15/2025.

LOG The Point of Diversion CP 01995 POD2 must be completed and the Well Log filed on or before 04/15/2025.

IT IS THE PERMITTEE'S RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 04/09/2024	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 15 day of Apr A.D., 2024

Mike A. Hamman, P.E., State Engineer

By: K. Parekh
KASHYAP PAREKH

Trn Desc: CP 01995 POD1-2

File Number: CP 01995
Trn Number: 758458

Appendix C

Laboratory Analytical Report

-Pace Analytical Job #: L1716676
-Pace Analytical Job #: L1747957
-Pace Analytical Job #: L1779716
-Pace Analytical Job #: L1808981

ANALYTICAL REPORT

March 27, 2024

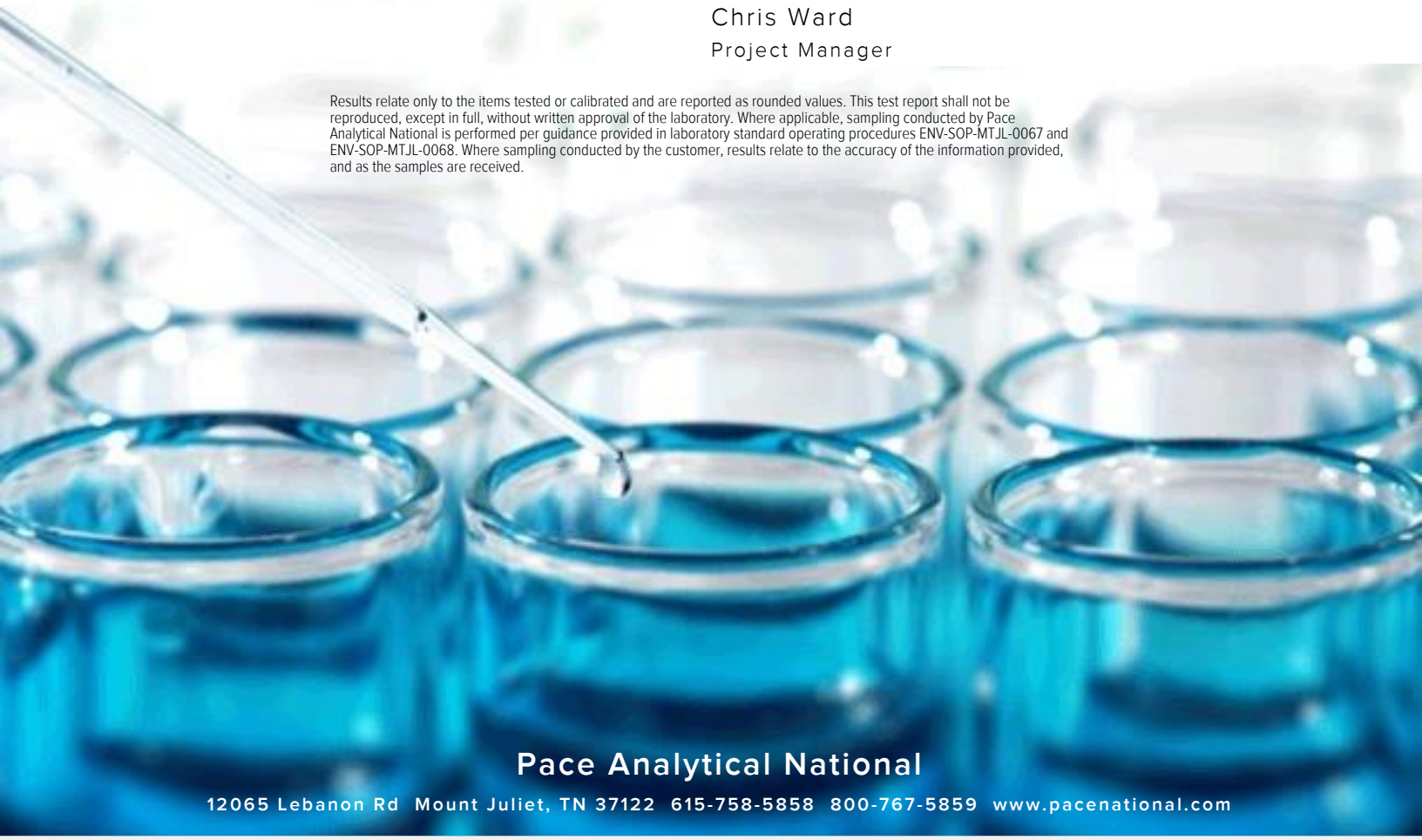
DCP Midstream - Tasman

Sample Delivery Group:	L1718076
Samples Received:	03/22/2024
Project Number:	
Description:	PCA Junction

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

SAMPLE SUMMARY

MW-05 L1718076-01 GW

Collected by: Kendon Stark | Collected date/time: 03/21/24 13:12 | Received date/time: 03/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253716	1	03/26/24 06:52	03/26/24 06:52	JTO	Mt. Juliet, TN

MW-06 L1718076-02 GW

Collected by: Kendon Stark | Collected date/time: 03/21/24 12:51 | Received date/time: 03/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253716	1	03/26/24 07:12	03/26/24 07:12	JTO	Mt. Juliet, TN

DUPLICATE L1718076-03 GW

Collected by: Kendon Stark | Collected date/time: 03/21/24 00:00 | Received date/time: 03/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253716	1	03/26/24 07:33	03/26/24 07:33	JTO	Mt. Juliet, TN

CASE NARRATIVE

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

Chris Ward
Project Manager

MW-03

Collected date/time: 03/21/24 13:12

L1718076

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/26/2024 06:52	WG2253716
Toluene	U		0.000278	0.00100	1	03/26/2024 06:52	WG2253716
Ethylbenzene	U		0.000137	0.00100	1	03/26/2024 06:52	WG2253716
Total Xylenes	U		0.000174	0.00300	1	03/26/2024 06:52	WG2253716
(S) Toluene-d8	*103*			*80.0-120*		*03/26/2024 06:52*	WG2253716
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*03/26/2024 06:52*	WG2253716
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*03/26/2024 06:52*	WG2253716

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/26/2024 07:12	WG2253716
Toluene	U		0.000278	0.00100	1	03/26/2024 07:12	WG2253716
Ethylbenzene	U		0.000137	0.00100	1	03/26/2024 07:12	WG2253716
Total Xylenes	U		0.000174	0.00300	1	03/26/2024 07:12	WG2253716
(S) Toluene-d8	*102*			*80.0-120*		*03/26/2024 07:12*	WG2253716
(S) 4-Bromofluorobenzene	*98.4*			*77.0-126*		*03/26/2024 07:12*	WG2253716
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*03/26/2024 07:12*	WG2253716

DUPLICATE
Collected date/time: 03/21/24 00:00

SAMPLE RESULTS - 03

L1718076

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/26/2024 07:33	WG2253716
Toluene	U		0.000278	0.00100	1	03/26/2024 07:33	WG2253716
Ethylbenzene	U		0.000137	0.00100	1	03/26/2024 07:33	WG2253716
Total Xylenes	U		0.000174	0.00300	1	03/26/2024 07:33	WG2253716
(S) Toluene-d8	*101*			*80.0-120*		*03/26/2024 07:33*	WG2253716
(S) 4-Bromofluorobenzene	*94.5*			*77.0-126*		*03/26/2024 07:33*	WG2253716
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*03/26/2024 07:33*	WG2253716

Method Blank (MB)

(MB) R4050261-3 03/26/24 04:48

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	*99.4*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*

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

(LCS) R4050261-1 03/26/24 03:47 • (LCSD) R4050261-2 03/26/24 04:07

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	0.00447	0.00485	89.4	97.0	70.0-123			8.15	20
Toluene	0.00500	0.00419	0.00448	83.8	89.6	79.0-120			6.69	20
Ethylbenzene	0.00500	0.00446	0.00467	89.2	93.4	79.0-123			4.60	20
Total Xylenes	0.0150	0.0132	0.0142	88.0	94.7	79.0-123			7.30	20
(S) Toluene-d8				*99.8*	*97.8*	*80.0-120*				
(S) 4-Bromofluorobenzene				*102*	*102*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*109*	*113*	*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

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

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:
DCP Midstream
370 17th St, Ste 2500
Denver, CO 80202

Pres Chk

Report to: **Brett Dennis**

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

Project Description: **PCA Junction**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **575-318-5017**

Client Project #

Lab Project # **DCPTASMAN-PCA**

Collected by (print): Kendon Stark

Site/Facility ID #

P.O. # **0000538357**

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

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 # 1718076

E048

Acctnum: **DCPTASMAN**
Template: **T216145**
Prelogin: **P1060771**
PM: **824 - Chris Ward**
PB:

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	V8260BTEX 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-01		GW				3	X			
MW-02		GW				3	X			
MW-03		GW				3	X			
MW-04		GW				3	X			
MW-05	Grab	GW	NA	3/21/24	13:12	3	X			-01
MW-06		GW			12:51	3	X			-02
MWA-01		GW				3	X			
MWA-02		GW				3	X			
DUPLICATE		GW			—	3	X			-03
		GW				3	X			

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 6426 8302 7105

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)
Kendon Stark	3/21/24	15:09	
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: 5.1+0=5.1 °C Bottles Received: 9

Date: 3/22/24 Time: 900

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:
DCP Midstream
370 17th St, Ste 2500
Denver, CO 80202

Pres Chk

Report to:
Brett Dennis

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

Project Description:
PCA Junction

City/State Collected:

Please Circle: PT MT CT ET

Phone: **575-318-5017**

Client Project #

Lab Project #
DCPTASMAN-PCA

Collected by (print):
Brandon Stark

Site/Facility ID #

P.O. #
0000538357

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									
TRIP BLANK	—	GW	—	3/21/24	14:56	3		X									

3/22/24

Chain of Custody

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 # 1718076

Table #

Acctnum: **DCPTASMAN**
Template: **T216145**
Prelogin: **P1060771**
PM: **824 - Chris Ward**
PB:

Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

* 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 # 6426 8302 7105

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: 3/21/24	Time: 15:09	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: MSA °C Bottles Received: 5.1+0=5.1 9
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 3/22/24 Time: 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

03/22-NCF-L1718076-DCPTASMAN PM

R5

Time estimate: oh **Time spent:** oh

Members

Paul Minnich (responsible) CW Chris Ward

Due on *26 March 2024 5:00 PM* for target *Done*

- [ ] Parameter(s) past holding time
- [ ] Temperature not in range
- [ ] Improper container type
- [ ] pH not in range
- [x] Insufficient sample volume
- [ ] Sample is biphasic
- [ ] Vials received with headspace
- [ ] Broken container
- [ ] Sufficient sample remains
- [ ] If broken container: Insufficient packing material around container
- [ ] If broken container: Insufficient packing material inside cooler
- [ ] If broken container: Improper handling by carrier:_____
- [ ] If broken container: Sample was frozen
- [ ] If broken container: Container lid not intact
- [ ] Client informed by Call
- [x] Client informed by Email
- [ ] Client informed by Voicemail
- [x] Date/Time:_____3/25/24_____
- [x] PM initials:_____CMW_____
- [x] Client Contact:_____Brett Dennis_____

Comments

Paul Minnich *23 March 2024 12:14 AM*

No trip blanks received. Cooler checked twice.

Chris Ward *25 March 2024 10:18 AM*

Please proceed without the TB

Troy Dunlap *25 March 2024 1:31 PM*

Done.

ANALYTICAL REPORT

May 09, 2024

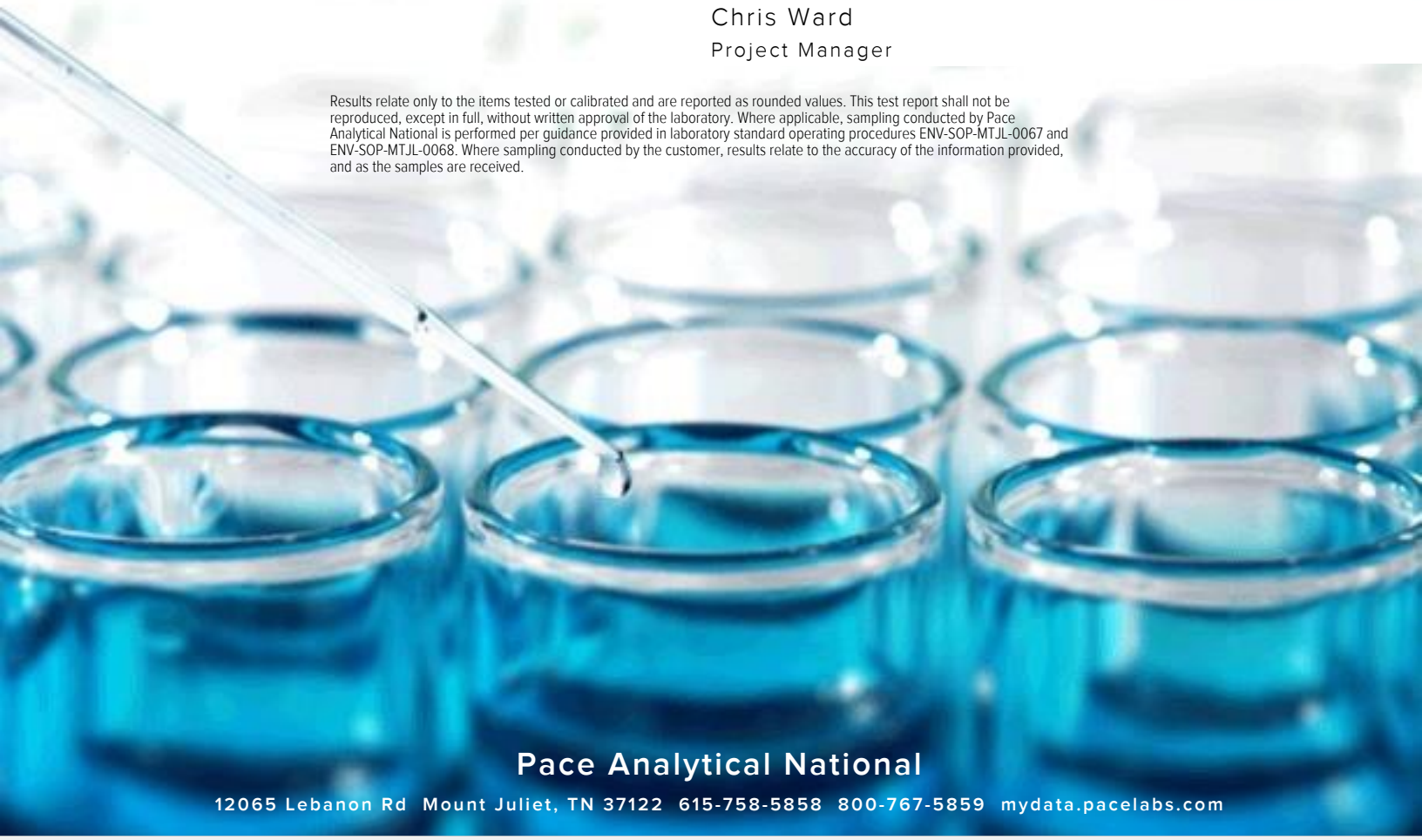
Phillips 66 - Tasman

Sample Delivery Group:	L1732100
Samples Received:	05/02/2024
Project Number:	
Description:	PCA Junction

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 mydata.pacelabs.com

TABLE OF CONTENTS

SAMPLE SUMMARY

MW-01R L1732100-01 GW

Collected by: Kendon Stark
Collected date/time: 05/01/24 09:50
Received date/time: 05/02/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2280821	1	05/06/24 04:02	05/06/24 04:02	DYW	Mt. Juliet, TN

MW-02R L1732100-02 GW

Collected by: Kendon Stark
Collected date/time: 05/01/24 12:05
Received date/time: 05/02/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2280821	1	05/06/24 04:24	05/06/24 04:24	DYW	Mt. Juliet, TN

CASE NARRATIVE

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

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	0.000469	J	0.0000941	0.00100	1	05/06/2024 04:02	WG2280821
Toluene	0.000642	J	0.000278	0.00100	1	05/06/2024 04:02	WG2280821
Ethylbenzene	0.000477	J	0.000137	0.00100	1	05/06/2024 04:02	WG2280821
Total Xylenes	0.0492		0.000174	0.00300	1	05/06/2024 04:02	WG2280821
(S) Toluene-d8	*105*			*80.0-120*		*05/06/2024 04:02*	WG2280821
(S) 4-Bromofluorobenzene	*99.1*			*77.0-126*		*05/06/2024 04:02*	WG2280821
(S) 1,2-Dichloroethane-d4	*90.1*			*70.0-130*		*05/06/2024 04:02*	WG2280821

MW-02R
Collected date/time: 05/01/24 12:05
L1732100

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	05/06/2024 04:24	WG2280821
Toluene	U		0.000278	0.00100	1	05/06/2024 04:24	WG2280821
Ethylbenzene	U		0.000137	0.00100	1	05/06/2024 04:24	WG2280821
Total Xylenes	0.000263	J	0.000174	0.00300	1	05/06/2024 04:24	WG2280821
(S) Toluene-d8	*109*			*80.0-120*		*05/06/2024 04:24*	WG2280821
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*05/06/2024 04:24*	WG2280821
(S) 1,2-Dichloroethane-d4	*86.0*			*70.0-130*		*05/06/2024 04:24*	WG2280821

Method Blank (MB)

(MB) R4067055-3 05/06/24 00:30

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	*101*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*90.4*			*70.0-130*

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

(LCS) R4067055-1 05/05/24 23:03 • (LCSD) R4067055-2 05/05/24 23:25

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	0.00437	0.00459	87.4	91.8	70.0-123			4.91	20
Toluene	0.00500	0.00458	0.00473	91.6	94.6	79.0-120			3.22	20
Ethylbenzene	0.00500	0.00460	0.00467	92.0	93.4	79.0-123			1.51	20
Total Xylenes	0.0150	0.0142	0.0143	94.7	95.3	79.0-123			0.702	20
(S) Toluene-d8				*105*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*101*	*100*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*87.6*	*89.3*	*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:
Phillips 66 - Tasman
2620 W. Marland Blvd
Hobbs, NM 88240

Billing Information:
DCP Midstream
370 17th St, Ste 2500
Denver, CO 80202

Report to: **Brett Dennis**

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

Project Description: **PCA Junction**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **575-318-5017**

Client Project #

Lab Project # **DCPTASMAN-PCA**

Collected by (print): Kendon Stark

Site/Facility ID #

P.O. # **4301350762**

Collected by (signature): Kendon Stark
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 ___

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 # L1732100
D211

Acctnum: **DCPTASMAN**
Template: **T216145**
Prelogin: **P1072319**
PM: **824 - Chris Ward**
PB: KT 4/26/24

Shipped Via: **FedEx Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Pres Chk	Remarks	Sample # (lab only)
MW-01R	~~Comp~~ Grab	GW	NA	5.1.24	09:50	3	X			-01
MW-02R	~~Comp~~ Grab	GW	↓	↓	12:05	3	X			-02

* 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 # 7155 0306 9898

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	5.1.24	14:19			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: DP 4.6°C 1.07+0.1=1.8 Bottles Received: 6	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Alexa Mitchell	Date: 5/2/24 Time: 0900	Hold: Condition: NCF / OK

ANALYTICAL REPORT

October 08, 2024

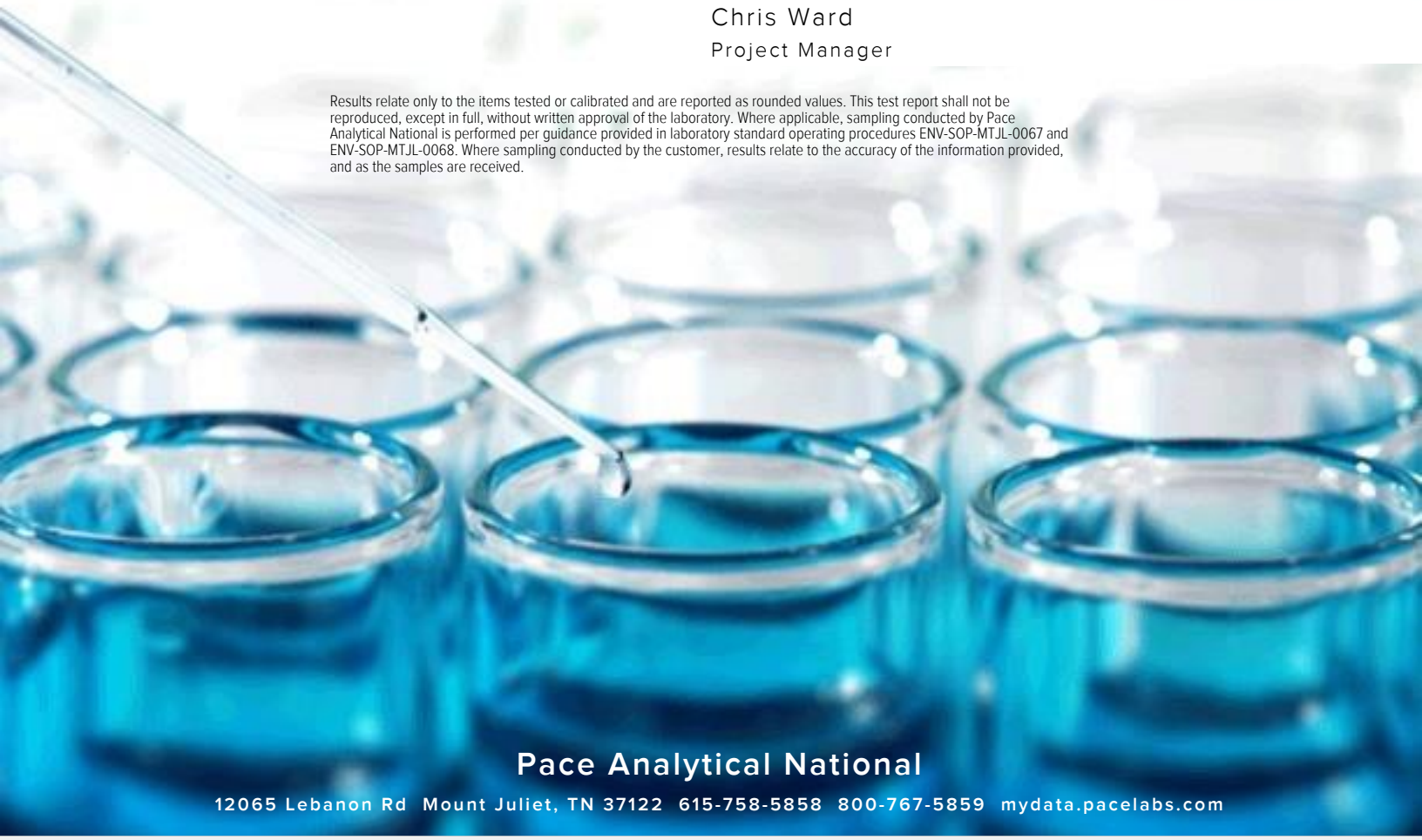
Phillips 66 - Tasman

Sample Delivery Group:	L1782868
Samples Received:	09/27/2024
Project Number:	
Description:	PCA Junction

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 mydata.pacelabs.com

TABLE OF CONTENTS

SAMPLE SUMMARY

MW-01R L1782868-01 GW

Collected by: Kendon Stark | Collected date/time: 09/26/24 12:47 | Received date/time: 09/27/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2375582	1	10/04/24 04:55	10/04/24 04:55	DYW	Mt. Juliet, TN

MW-02R L1782868-02 GW

Collected by: Kendon Stark | Collected date/time: 09/26/24 11:41 | Received date/time: 09/27/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2375582	1	10/04/24 05:17	10/04/24 05:17	DYW	Mt. Juliet, TN

MW-05 L1782868-03 GW

Collected by: Kendon Stark | Collected date/time: 09/26/24 12:04 | Received date/time: 09/27/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2375582	1	10/04/24 05:38	10/04/24 05:38	DYW	Mt. Juliet, TN

MW-06 L1782868-04 GW

Collected by: Kendon Stark | Collected date/time: 09/26/24 12:20 | Received date/time: 09/27/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2375604	1	10/04/24 04:38	10/04/24 04:38	DWR	Mt. Juliet, TN

DUPLICATE L1782868-05 GW

Collected by: Kendon Stark | Collected date/time: 09/26/24 00:00 | Received date/time: 09/27/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2375604	1	10/04/24 04:58	10/04/24 04:58	DWR	Mt. Juliet, TN

TRIP BLANK L1782868-06 GW

Collected by: Kendon Stark | Collected date/time: 09/26/24 00:00 | Received date/time: 09/27/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2375604	1	10/04/24 03:00	10/04/24 03:00	DWR	Mt. Juliet, TN

CASE NARRATIVE

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

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	0.00108		0.0000941	0.00100	1	10/04/2024 04:55	WG2375582
Toluene	U		0.000278	0.00100	1	10/04/2024 04:55	WG2375582
Ethylbenzene	0.00543		0.000137	0.00100	1	10/04/2024 04:55	WG2375582
Total Xylenes	0.00757		0.000174	0.00300	1	10/04/2024 04:55	WG2375582
(S) Toluene-d8	*99.2*			*80.0-120*		*10/04/2024 04:55*	WG2375582
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*10/04/2024 04:55*	WG2375582
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*		*10/04/2024 04:55*	WG2375582

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	10/04/2024 05:17	WG2375582
Toluene	U		0.000278	0.00100	1	10/04/2024 05:17	WG2375582
Ethylbenzene	U		0.000137	0.00100	1	10/04/2024 05:17	WG2375582
Total Xylenes	U		0.000174	0.00300	1	10/04/2024 05:17	WG2375582
(S) Toluene-d8	*101*			*80.0-120*		*10/04/2024 05:17*	WG2375582
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*10/04/2024 05:17*	WG2375582
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*		*10/04/2024 05:17*	WG2375582

MW-03
Collected date/time: 09/26/24 12:04

SAMPLE RESULTS - 03

L1782868

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	10/04/2024 05:38	WG2375582
Toluene	U		0.000278	0.00100	1	10/04/2024 05:38	WG2375582
Ethylbenzene	U		0.000137	0.00100	1	10/04/2024 05:38	WG2375582
Total Xylenes	U		0.000174	0.00300	1	10/04/2024 05:38	WG2375582
(S) Toluene-d8	*102*			*80.0-120*		*10/04/2024 05:38*	WG2375582
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*10/04/2024 05:38*	WG2375582
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*		*10/04/2024 05:38*	WG2375582

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	10/04/2024 04:38	WG2375604
Toluene	U		0.000278	0.00100	1	10/04/2024 04:38	WG2375604
Ethylbenzene	U		0.000137	0.00100	1	10/04/2024 04:38	WG2375604
Total Xylenes	U		0.000174	0.00300	1	10/04/2024 04:38	WG2375604
(S) Toluene-d8	*104*			*80.0-120*		*10/04/2024 04:38*	WG2375604
(S) 4-Bromofluorobenzene	*85.5*			*77.0-126*		*10/04/2024 04:38*	WG2375604
(S) 1,2-Dichloroethane-d4	*87.1*			*70.0-130*		*10/04/2024 04:38*	WG2375604

DUPLICATE
Collected date/time: 09/26/24 00:00

SAMPLE RESULTS - 05

L1782868

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	0.000653	J	0.0000941	0.00100	1	10/04/2024 04:58	WG2375604
Toluene	U		0.000278	0.00100	1	10/04/2024 04:58	WG2375604
Ethylbenzene	0.00317		0.000137	0.00100	1	10/04/2024 04:58	WG2375604
Total Xylenes	0.00458		0.000174	0.00300	1	10/04/2024 04:58	WG2375604
(S) Toluene-d8	*96.4*			*80.0-120*		*10/04/2024 04:58*	WG2375604
(S) 4-Bromofluorobenzene	*93.4*			*77.0-126*		*10/04/2024 04:58*	WG2375604
(S) 1,2-Dichloroethane-d4	*92.9*			*70.0-130*		*10/04/2024 04:58*	WG2375604

TRIP BLANK
Collected date/time: 09/26/24 00:00
L1782868

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	10/04/2024 03:00	WG2375604
Toluene	U		0.000278	0.00100	1	10/04/2024 03:00	WG2375604
Ethylbenzene	U		0.000137	0.00100	1	10/04/2024 03:00	WG2375604
Total Xylenes	U		0.000174	0.00300	1	10/04/2024 03:00	WG2375604
(S) Toluene-d8	*98.0*			*80.0-120*		*10/04/2024 03:00*	WG2375604
(S) 4-Bromofluorobenzene	*90.4*			*77.0-126*		*10/04/2024 03:00*	WG2375604
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*		*10/04/2024 03:00*	WG2375604

Method Blank (MB)

(MB) R4129560-2 10/03/24 23:29

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	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*109*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4129560-1 10/03/24 22:31

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00462	92.4	70.0-123	
Toluene	0.00500	0.00421	84.2	79.0-120	
Ethylbenzene	0.00500	0.00424	84.8	79.0-123	
Total Xylenes	0.0150	0.0127	84.7	79.0-123	
(S) Toluene-d8			*99.5*	*80.0-120*	
(S) 4-Bromofluorobenzene			*114*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*129*	*70.0-130*	

Method Blank (MB)

(MB) R4128493-3 10/04/24 01:23

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	*99.4*			*80.0-120*
(S) 4-Bromofluorobenzene	*91.0*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*89.6*			*70.0-130*

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

(LCS) R4128493-1 10/04/24 00:24 • (LCSD) R4128493-2 10/04/24 00:43

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	0.00467	0.00492	93.4	98.4	70.0-123			5.21	20
Toluene	0.00500	0.00475	0.00523	95.0	105	79.0-120			9.62	20
Ethylbenzene	0.00500	0.00484	0.00522	96.8	104	79.0-123			7.55	20
Total Xylenes	0.0150	0.0141	0.0154	94.0	103	79.0-123			8.81	20
(S) Toluene-d8				*96.7*	*101*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.0*	*94.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*97.6*	*92.6*	*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.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

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

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

Company Name/Address:
Phillips 66 - Tasman

2620 W. Marland Blvd
Hobbs, NM 88240

Billing Information:
DCP Midstream
370 17th St, Ste 2500
Denver, CO 80202

Pres Chk

Report to:
Brett Dennis

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

Project Description:
PCA Junction

City/State Collected:

Please Circle:
PT MT CT ET

Phone: **575-318-5017**

Client Project #

Lab Project #
DCPTASMAN-PCA

Collected by (print):
Kendon Stark

Site/Facility ID #

P.O. #
4301459745

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	V8260BTEX 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MWA-02		GW				3	X			
MW-01		GW				3	X			
MW-01R	Grab	GW	NA	9/26/24	12:47	3	X			-01
MW-02R		GW			11:41	3	X			-02
MW-04		GW				3	X			
MW-05		GW			12:04	3	X			-03
MW-06		GW			12:20	3	X			-04
Duplicate		GW			—	3	X			-05
		GW				3	X			9/27/24
TRIP BLANK		GW			—	1		X		-06

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 # 178286B
B174

Acctnum: **DCPTASMAN**
Template: **T216145**
Prelogin: **P1101086**
PM: **824 - Chris Ward**
PB: 9.10.24 BK
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 # 4102 9173 2588

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	9/26/24	14:30		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: MS A °C 1.0+.3=1.3 Bottles Received: 15	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Alexa Mitchem	Date: 9/27/24 Time: 0960	Hold: Condition: NCF / OK

ANALYTICAL REPORT

December 20, 2024

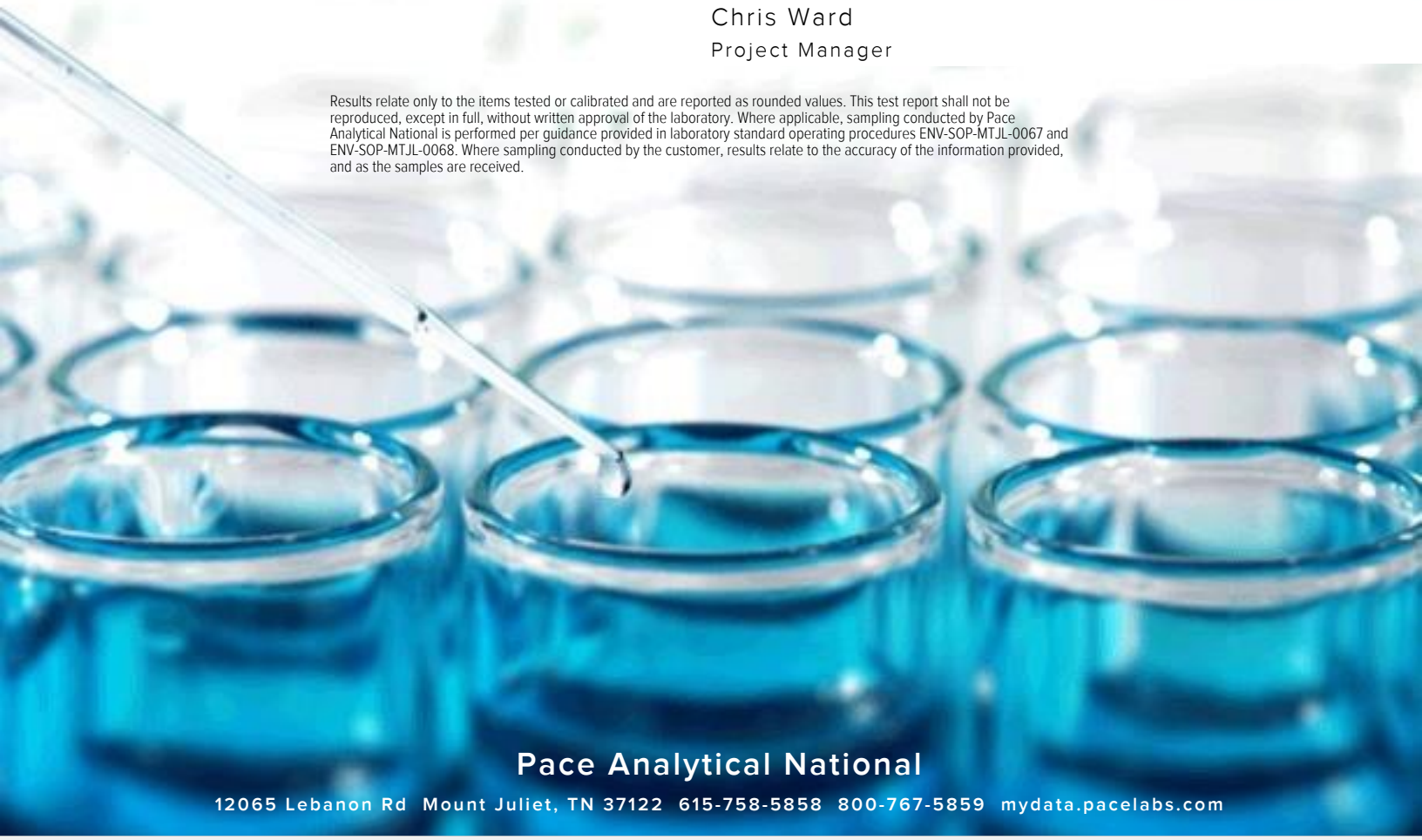
Phillips 66 - Tasman

Sample Delivery Group:	L1810411
Samples Received:	12/17/2024
Project Number:	
Description:	PCA Junction

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 mydata.pacelabs.com

TABLE OF CONTENTS

SAMPLE SUMMARY

MW-01R L1810411-01 GW

Collected by: Kendon Stark | Collected date/time: 12/16/24 12:42 | Received date/time: 12/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2422337	1	12/20/24 04:40	12/20/24 04:40	JHH	Mt. Juliet, TN

MW-02R L1810411-02 GW

Collected by: Kendon Stark | Collected date/time: 12/16/24 12:05 | Received date/time: 12/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2422337	1	12/20/24 05:04	12/20/24 05:04	JHH	Mt. Juliet, TN

MW-05 L1810411-03 GW

Collected by: Kendon Stark | Collected date/time: 12/16/24 11:52 | Received date/time: 12/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2422337	1	12/20/24 05:27	12/20/24 05:27	JHH	Mt. Juliet, TN

MW-06 L1810411-04 GW

Collected by: Kendon Stark | Collected date/time: 12/16/24 12:19 | Received date/time: 12/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2422337	1	12/20/24 05:51	12/20/24 05:51	JHH	Mt. Juliet, TN

DUPLICATE L1810411-05 GW

Collected by: Kendon Stark | Collected date/time: 12/16/24 00:00 | Received date/time: 12/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2422337	1	12/20/24 06:14	12/20/24 06:14	JHH	Mt. Juliet, TN

TRIP BLANK L1810411-06 GW

Collected by: Kendon Stark | Collected date/time: 12/16/24 00:00 | Received date/time: 12/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2422337	1	12/20/24 02:43	12/20/24 02:43	JHH	Mt. Juliet, TN

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

Chris Ward
Project Manager

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.691	J	0.0941	1.00	1	12/20/2024 04:40	WG2422337
Toluene	U		0.278	1.00	1	12/20/2024 04:40	WG2422337
Ethylbenzene	3.64		0.137	1.00	1	12/20/2024 04:40	WG2422337
Total Xylenes	0.565	J	0.174	3.00	1	12/20/2024 04:40	WG2422337
(S) Toluene-d8	*104*			*80.0-120*		*12/20/2024 04:40*	WG2422337
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*12/20/2024 04:40*	WG2422337
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*12/20/2024 04:40*	WG2422337

MW-02R
Collected date/time: 12/16/24 12:05
L1810411

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0941	1.00	1	12/20/2024 05:04	WG2422337
Toluene	U		0.278	1.00	1	12/20/2024 05:04	WG2422337
Ethylbenzene	U		0.137	1.00	1	12/20/2024 05:04	WG2422337
Total Xylenes	U		0.174	3.00	1	12/20/2024 05:04	WG2422337
(S) Toluene-d8	*106*			*80.0-120*		*12/20/2024 05:04*	WG2422337
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*12/20/2024 05:04*	WG2422337
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*12/20/2024 05:04*	WG2422337

MW-03
Collected date/time: 12/16/24 11:52

SAMPLE RESULTS - 03

L1810411

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0941	1.00	1	12/20/2024 05:27	WG2422337
Toluene	U		0.278	1.00	1	12/20/2024 05:27	WG2422337
Ethylbenzene	U		0.137	1.00	1	12/20/2024 05:27	WG2422337
Total Xylenes	U		0.174	3.00	1	12/20/2024 05:27	WG2422337
(S) Toluene-d8	*107*			*80.0-120*		*12/20/2024 05:27*	WG2422337
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*12/20/2024 05:27*	WG2422337
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*12/20/2024 05:27*	WG2422337

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0941	1.00	1	12/20/2024 05:51	WG2422337
Toluene	U		0.278	1.00	1	12/20/2024 05:51	WG2422337
Ethylbenzene	U		0.137	1.00	1	12/20/2024 05:51	WG2422337
Total Xylenes	U		0.174	3.00	1	12/20/2024 05:51	WG2422337
(S) Toluene-d8	*106*			*80.0-120*		*12/20/2024 05:51*	WG2422337
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*		*12/20/2024 05:51*	WG2422337
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*12/20/2024 05:51*	WG2422337

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.612	J	0.0941	1.00	1	12/20/2024 06:14	WG2422337
Toluene	U		0.278	1.00	1	12/20/2024 06:14	WG2422337
Ethylbenzene	3.10		0.137	1.00	1	12/20/2024 06:14	WG2422337
Total Xylenes	0.428	J	0.174	3.00	1	12/20/2024 06:14	WG2422337
(S) Toluene-d8	*104*			*80.0-120*		*12/20/2024 06:14*	WG2422337
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*12/20/2024 06:14*	WG2422337
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*12/20/2024 06:14*	WG2422337

TRIP BLANK
Collected date/time: 12/16/24 00:00
L1810411

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0941	1.00	1	12/20/2024 02:43	WG2422337
Toluene	U		0.278	1.00	1	12/20/2024 02:43	WG2422337
Ethylbenzene	U		0.137	1.00	1	12/20/2024 02:43	WG2422337
Total Xylenes	U		0.174	3.00	1	12/20/2024 02:43	WG2422337
(S) Toluene-d8	*107*			*80.0-120*		*12/20/2024 02:43*	WG2422337
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*		*12/20/2024 02:43*	WG2422337
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*12/20/2024 02:43*	WG2422337

Method Blank (MB)

(MB) R4160178-3 12/20/24 01:33

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Total Xylenes	U		0.174	3.00
(S) Toluene-d8	*106*			*80.0-120*
(S) 4-Bromofluorobenzene	*100*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

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

(LCS) R4160178-1 12/20/24 00:23 • (LCSD) R4160178-2 12/20/24 00:46

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	4.98	5.06	99.6	101	70.0-123			1.59	20
Toluene	5.00	5.15	5.28	103	106	79.0-120			2.49	20
Ethylbenzene	5.00	4.96	5.14	99.2	103	79.0-123			3.56	20
Total Xylenes	15.0	15.4	15.6	103	104	79.0-123			1.29	20
(S) Toluene-d8				*103*	*104*	*80.0-120*				
(S) 4-Bromofluorobenzene				*100*	*101*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*106*	*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:
Phillips 66 - Tasman
2620 W. Marland Blvd
Hobbs, NM 88240

Billing Information:
DCP Midstream
370 17th St, Ste 2500
Denver, CO 80202

Pres Chk

Report to: **Brett Dennis**

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

Project Description: **PCA Junction**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **575-318-5017**

Client Project #

Lab Project # **DCPTASMAN-PCA**

Collected by (print): Kendon Stark

Site/Facility ID #

P.O. # **4301459745**

Collected by (signature): Kendon Stark

Immediately Packed on Ice N ____ Y ____

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

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	V8260BTEX 40mlAmb-HCl-Blk
MW-01R	G	GW	NA	12/16/24	12:42	3	X	
MW-02R		GW			12:05	3	X	
MW-04		GW				3	X	
MW-05		GW			11:52	3	X	
MW-06		GW			12:19	3	X	
Duplicate		GW				3	X	
		GW				3	X	
TRIP BLANK		GW				1		X

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 # L1810411

Table # F218

Acctnum: **DCPTASMAN**
Template: **T216145**
Prelogin: **P1118955**
PM: **824 - Chris Ward**
PB: NC 12/27/24

Shipped Via: **FedEX Ground**

Remarks	Sample # (lab only)
	-01
	-02
	-03
	-04
	-05
	-06

* 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 # 425709289413

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)
Kendon Stark	12/16/24	14:45	
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: TLA 1.1 °C Bottles Received: 15

Date: 12/17/24 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 451780
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	The 2024 Groundwater Monitoring Summary Report is accepted for the record. If DCP Midstream is ready for abatement closure, please submit a stand-alone abatement termination request and report as per 19.15.30.19 NMAC for consideration.	4/28/2025