

2025 Annual Groundwater Monitoring Summary Report

Burton Flats Booster Station
Eddy County, New Mexico
Incident # nMLB1004239132

Prepared for:



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

Prepared by:



2620 W. Marland Blvd.
Hobbs, NM 88240

March 16, 2026

Burton Flats Booster Station
2025 Annual Groundwater
Monitoring Summary Report



Table of Contents

- 1. Introduction 1
- 2. Site Location and Background..... 1
- 3. Groundwater Monitoring..... 1
 - 3.1 Groundwater and LNAPL Elevation Monitoring 2
 - 3.2 Groundwater Quality Monitoring 2
 - 3.3 Data Quality Assurance / Quality Control 4
- 4. Remediation Activities 5
- 5. Conclusions 5
- 6. Recommendations 6

Tables

- 1 2025 Annual Summary of Groundwater Elevation Data
- 2 2025 Annual Summary of BTEX and Chloride Concentrations in Groundwater

Figures

- 1 Site Location Map
- 2 Site Map with Monitoring Well Locations
- 3 Groundwater Elevation Contour Map – March 17, 2025
- 4 Groundwater Elevation Contour Map – June 20, 2025
- 5 Groundwater Elevation Contour Map – September 19, 2025
- 6 Groundwater Elevation Contour Map – December 16, 2025
- 7 Analytical Results Map – March 17, 2025
- 8 Analytical Results Map – June 20, 2025
- 9 Analytical Results Map – September 19, 2025
- 10 Analytical Results Map – December 16, 2025

Appendices

- A Historical Analytical Results – BTEX and Chloride Concentrations in Groundwater
- B NMOCD Sampling Notifications

Burton Flats Booster Station
2025 Annual Groundwater
Monitoring Summary Report



1. Introduction

This report summarizes groundwater monitoring and remediation activities conducted during 2025 at the Burton Flats Booster Station (Site) in Eddy County, New Mexico (Figure 1). Tasman Geosciences (Tasman) performed these activities on behalf of DCP Operating Company (DCP). Field activities were conducted with the purpose of monitoring groundwater flow and quality conditions and assessing the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons in the Site subsurface. Current Site conditions were evaluated from field data and laboratory analytical results collected March 17, June 20, September 19, and December 16, 2025.

2. Site Location and Background

The Site is located in the Fourth and Fifth Lots of Section 1, Township 21 South, Range 27 East (approximate coordinates 32.5195 degrees north and 104.1507 degrees west). It is approximately 3.4 miles northwest of the intersection of US Highway 62 and County Road 243. The area is sparsely populated, and land use is primarily associated with livestock grazing and oil and gas production and gathering.

Based on information included in historical Site investigation reports, a release of approximately 10 barrels (bbl) of oil and produced water occurred on October 5, 2009, of which approximately 8 bbls were recovered from within the tank secondary containment area. The C-141 report was submitted on October 12, 2009, and Site investigation and soil sampling within the release area occurred during the fourth quarter of 2009 and early fourth quarter of 2010 (BH-1 through BH-5). Elevated levels of petroleum hydrocarbons within the soil were encountered at depths of 20-feet below ground surface (bgs). Groundwater was encountered between 16-feet and 20-feet bgs during Site characterization activities. Subsequent to soil investigation efforts, four groundwater monitoring wells were installed during the fourth quarter of 2011 (MW-1 through MW-4). Elevated petroleum hydrocarbon concentrations in soil were observed during well installation. Consequently, two additional soil borings were completed to a depth of 20 feet bgs in the suspected source area (SB 11-1 and SB 11-2). Monitoring well locations are shown in Figure 2.

Boring logs for the Site monitoring wells indicate that the subsurface geology contains unconsolidated fine-grained sand, silt, and clay sediments. This general characteristic has been utilized in evaluating the historical and current LNAPL behavior. Ongoing monitoring and sampling of the four Site monitoring wells listed above has been conducted on a quarterly basis following installation.

3. Groundwater Monitoring

This section describes the field and laboratory activities performed throughout the 2025 calendar year. Quarterly monitoring activities were conducted on March 17, June 20, September 19, and December 16, 2025, which included Site-wide groundwater gauging, LNAPL measurements, and groundwater sampling. Figure 2 illustrates the groundwater monitoring network (MW-1 through MW-4) utilized to perform these activities at the Site.



3.1 Groundwater and LNAPL Elevation Monitoring

Groundwater and LNAPL levels are measured in order to evaluate hydraulic characteristics and provide information regarding seasonal fluctuations of groundwater and LNAPL elevations at the Site. Throughout 2025, groundwater levels were measured at four Site monitor well locations (MW-1 through MW-4).

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

A 2025 groundwater elevation contour maps, included as Figures 3 through 6, indicates that the groundwater gradient at the Site trends to the northeast which is consistent with the previous trends, with the exception of the third quarter, where a shift to the southeast was observed. The corrected groundwater elevation ranges, average elevation change from the previous monitoring event, and the calculated hydraulic gradient at the Site are summarized in the table below.

Summary of Measured Hydraulic Parameters

Quarter	First	Second	Third	Fourth
Maximum Elevation (Well ID)	3,176.30 (MW-2)	3,176.38 (MW-2)	3,176.78* (MW-4)	3,177.00 (MW-3 & MW-2)
Minimum Elevation (Well ID)	3,173.32* (MW-4)	3,174.71* (MW-4)	3,174.60 (MW-3)	3,175.75* (MW-4)
Potentiometric Surface Average Change (ft)	0.17	0.51	0.48	0.28
Hydraulic Gradient (ft/ft)	0.0159	0.00892	0.0192	0.00667

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

Measurable LNAPL was observed at monitor well MW-4 during all four quarters of the 2025 calendar year, with a thickness ranging from 0.12 feet during the fourth quarter monitoring event to 1.48 feet during the first quarter monitoring event. Since 2015, the LNAPL levels continue to fluctuate at the site, likely due to season changes in groundwater elevation.

3.2 Groundwater Quality Monitoring

Subsequent to recording groundwater level measurements at each of the quarterly monitoring events during 2025, groundwater samples were collected from three of the four locations (MW-1 through MW-3). A minimum of three well casing volumes of groundwater were purged from each monitor well prior to collection of groundwater samples. Due to the presence of LNAPL observed at MW-4, no groundwater sample was collected at this location except during the fourth quarter, when a sample was collected to determine the concentration of dissolved-phase hydrocarbons present in the well.

Groundwater samples were collected using disposable polyethylene bailers, placed in clean laboratory supplied containers, packed in an ice-filled cooler and maintained at approximately four degrees Celsius

Burton Flats Booster Station
2025 Annual Groundwater
Monitoring Summary Report



(°C) for transportation to the laboratory. Groundwater samples were then shipped under chain-of-custody procedures to Pace Analytical laboratory (Pace) in Mount Juliet, Tennessee.

Water quality samples were submitted for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) by Environmental Protection Agency (EPA) Method 8260B and chloride by EPA Method 9056A.

Table 2 summarizes BTEX and chloride concentrations in groundwater samples collected during the 2025 reporting period. Historical laboratory analytical results up to and including the fourth quarter 2025 event are provided in Appendix A. The laboratory analytical results are displayed on Figures 7 through 10 and New Mexico Oil Conservation Division (NMOCD) sampling notifications are included as Appendix B. In 2025 Pace began issuing all analytical reports as secured and certified, therefore, all 2025 lab reports will be submitted as separate attachments. Associated lab reports are as follows:

- First Quarter 2025 - Pace Analytical Job #: L1837460
- Second Quarter 2025 - Pace Analytical Job #: L1872200
- Third Quarter 2025 - Pace Analytical Job #: L1900394
- Fourth Quarter - Pace Analytical Job #: L1928854

3.2.1 First Quarter Data Evaluation

The first quarter 2025 field observations and analytical results for samples collected from MW-1 through MW-3 indicate the following:

- Benzene, toluene, ethylbenzene and total xylenes were not detected above the laboratory reported detection limit (RDL) in any of the sampled Site monitoring wells.
- Chlorides were detected at concentrations greater than New Mexico Water Quality Control Commission (NMWQCC) secondary maximum contaminant level (MCL) guideline of 250 milligrams per liter (mg/L) at all sampled monitor well locations with concentrations ranging from 568 mg/L at monitor well MW-3 to 2,050 mg/L at monitor well MW-2.

3.2.2 Second Quarter Data Evaluation

The second quarter 2025 field observations and analytical results for samples collected from monitor wells MW-1 through MW-3 indicate the following:

- Benzene was detected in exceedance of the NMWQCC groundwater standard of 0.010 mg/L in monitoring well MW-1 (0.0235 mg/L) and its duplicate (0.0247 mg/L).
- Toluene, ethylbenzene, and total xylenes were not detected in exceedance of their respective NMWQCC groundwater standards at any of the sampled monitor wells.
- Chlorides were detected at concentrations greater than the NMWQCC secondary MCL guideline of 250 mg/L at all sampled monitoring well locations with concentrations ranging from 533 mg/L at monitor well MW-3 to 2,050 mg/L at monitor well MW-2.



3.2.3 Third Quarter Data Evaluation

The third quarter 2025 field observations and analytical results for samples collected from monitor wells MW-1 through MW-3 indicate the following:

- Benzene was detected in exceedance of the NMWQCC groundwater standard of 0.010 mg/L in monitoring well MW-1 (0.0523 mg/L) and its duplicate (0.0483 mg/L).
- Toluene, ethylbenzene, and total xylenes were not detected in exceedance of any of their respective NMWQCC groundwater standards at any of the sampled monitor wells.
- Chlorides were detected at concentrations greater than the NMWQCC secondary MCL guideline of 250 mg/L at all sampled monitoring well locations with concentrations ranging from 448 mg/L at monitor well MW-3 to 1,970 mg/L at monitor well MW-2.

3.2.4 Fourth Quarter Data Evaluation

The fourth quarter 2025 field observations and analytical results for samples collected from monitor wells MW-1 through MW-4 indicate the following:

- Benzene was detected in exceedance of the NMWQCC groundwater standard of 0.010 mg/L in monitor well MW-1 (0.0205 mg/L), its duplicate (0.0235 mg/L) and MW-4 (0.134 mg/L).
- Total xylenes were detected in exceedance of the NMWQCC groundwater standard of 0.62 mg/L in monitoring well MW-4 (0.729 mg/L)
- Toluene and ethylbenzene were not detected in exceedance of any of their respective NMWQCC groundwater standards at any of the sampled monitor wells.
- Chlorides were detected at concentrations greater than the NMWQCC secondary MCL guideline of 250 mg/L at all sampled monitoring well locations with concentrations ranging from 456 mg/L at monitor well MW-3 to 4,120 mg/L at monitor well MW-4.

3.3 Data Quality Assurance / Quality Control

A field duplicate sample (MW-1) was collected during each sampling event. The data were reviewed for compliance with the analytical method and the associated quality assurance/quality control (QA/QC) procedures. All samples were analyzed using the correct analytical methods and within the correct holding times. Chain of custody forms were in order and properly executed indicating that samples were received with no headspace. All data were reported using the correct method number and reporting units. QA/QC items of note for 2025 include the following:

- Target analytes were not detected above laboratory detection limits in the laboratory trip blanks.
- During each quarter of 2025, parent samples gathered from monitor well MW-1 and their associated duplicates exhibited concentrations of benzene. Relative percent difference (RPD) between parent and duplicate samples each fell within the 20% target range. Benzene concentrations and RPDs are listed below:

Burton Flats Booster Station
2025 Annual Groundwater
Monitoring Summary Report



Quarter	Parent Sample (mg/L)	Duplicate Sample (mg/L)	RPD
First	<0.00100	<0.00100	N/A
Second	0.0235	0.0247	4.97
Third	0.0523	0.0483	7.95
Fourth	0.0205	0.0235	13.6

- Subsequent to collection of groundwater samples during all four quarters of 2025, the sample transport coolers were properly packaged with ice and shipped to Pace laboratory in Mount Juliet, Tennessee with priority overnight shipping. All coolers were received within laboratory temperature specifications as well as Chain of Custody (COC) forms properly executed.

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

4. Remediation Activities

Enhanced fluid recovery (EFR) events were initiated in December 2014 and began on a routine frequency at monitor wells MW-1 and MW-4; However, beginning in first quarter 2023, EFR events were discontinued at monitor well MW-1 to determine its effectiveness on dissolved phase hydrocarbon abatement. EFR events were paused at monitor well MW-4 during the 2025 reporting period. To date 708 bbls have been recovered since EFR events were initiated at the site. EFR events at MW-4 are to be resumed for the 2026 reporting period on a quarterly basis.

A passive LNAPL skimmer has been utilized at monitor well MW-4 to aid in recovery of free-phase liquids between EFR events. On September 26, 2025, the passive skimmer was replaced. During the fourth quarter monitoring event a mixture of water and LNAPL was observed in the reservoir. The unit was readjusted and will be evaluated during the first quarter monitoring event of 2026.

5. Conclusions

Evaluation of the 2025 monitoring data and historical information provides the following general observations:

- Groundwater elevations at the Site indicated an overall increase compared to the levels that were observed during the fourth quarter 2024 with an average increase of 0.36 ft per monitor well across all four quarters of 2025.
- LNAPL was observed at monitor well MW-4 throughout the 2025 monitoring period. The presence of LNAPL at this location has historically fluctuated since 2015.
- The groundwater sample collected from monitor well MW-4 suggests that the dissolved phase has degraded since the last sample was collected in March 2018.
- Chloride concentrations were above the NMWQCC secondary MCL guideline at all sampled Site monitor wells.

Burton Flats Booster Station
2025 Annual Groundwater
Monitoring Summary Report



6. Recommendations

Based on evaluation of 2025 and historical Site monitoring results, recommendations for future activities include:

- Continue quarterly groundwater monitoring and sampling at the monitoring locations illustrated on Figure 2.
- Resume quarterly EFR events at monitor well MW-4 to recover free phase and dissolved phase hydrocarbons.

Tables

TABLE 1
2025 ANNUAL
SUMMARY OF GROUNDWATER ELEVATION DATA
BURTON FLATS BOOSTER 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-1	03/17/2025	22.77	---	---	34.45	3,197.65	3,174.88	0.12
MW-1	06/20/2025	22.23	---	---	34.45	3,197.65	3,175.42	0.54
MW-1	09/19/2025	20.89	---	---	34.45	3,197.65	3,176.76	1.34
MW-1	12/16/2025	21.78	---	---	34.45	3,197.65	3,175.87	-0.89
MW-2	03/17/2025	23.70	---	---	32.85	3,200.00	3,176.30	0.32
MW-2	06/20/2025	23.62	---	---	32.85	3,200.00	3,176.38	0.08
MW-2	09/19/2025	23.65	---	---	32.85	3,200.00	3,176.35	-0.03
MW-2	12/16/2025	23.00	---	---	32.85	3,200.00	3,177.00	0.65
MW-3	03/17/2025	24.80	---	---	34.42	3,200.84	3,176.04	0.04
MW-3	06/20/2025	24.77	---	---	34.42	3,200.84	3,176.07	0.03
MW-3	09/19/2025	26.24	---	---	34.42	3,200.84	3,174.60	-1.47
MW-3	12/16/2025	23.84	---	---	34.42	3,200.84	3,177.00	2.40
MW-4*	03/17/2025	28.83	27.35	1.48	32.90	3,200.98	3,173.32	0.19
MW-4*	06/20/2025	26.54	26.20	0.34	32.90	3,200.98	3,174.71	1.39
MW-4*	09/19/2025	24.41	24.15	0.26	32.90	3,200.98	3,176.78	2.07
MW-4*	12/16/2025	25.33	25.21	0.12	32.90	3,200.98	3,175.75	-1.03
Average change in groundwater elevation (3/17/2025 to 12/16/2025)								0.36

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.

2- The TOC elevation for MW-1 through MW-4 have been calculated based on a relative elevation re-survey conducted on 8/7/2019.

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

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

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

LNAPL relative density was calculated to be approximately 0.792 g/cm³

g/cm³ = grams per cubic centimeter

amsl = feet above mean sea level

TOC = top of casing

LNAPL - Light non-aqueous phase liquid

NM = Not measured.

NC= Not calculated.

TABLE 2
2025 ANNUAL
SUMMARY OF BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
BURTON FLATS BOOSTER STATION
EDDY COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.010	1.00	0.70	0.62	250	
MW-1	03/17/2025	<0.00100	<0.00100	<0.00100	<0.00300	712	Duplicate Sample Collected
MW-1 (Duplicate)	03/17/2025	<0.00100	<0.00100	<0.00100	<0.00300	712	
MW-1	06/20/2025	0.0235	<0.00100	0.00465	<0.00300	735	Duplicate Sample Collected
MW-1 (Duplicate)	06/20/2025	0.0247	<0.00100	0.00320	<0.00300	768	
MW-1	09/19/2025	0.0523	<0.00100	0.0334	0.00355	644	Duplicate Sample Collected
MW-1 (Duplicate)	09/19/2025	0.0483	<0.00100	0.0281	0.00313	740	
MW-1	12/16/2025	0.0205	<0.00100	0.0148	<0.00300	796	Duplicate Sample Collected
MW-1 (Duplicate)	12/16/2025	0.0235	<0.00100	0.0176	<0.00300	791	
MW-2	03/17/2025	<0.00100	<0.00100	<0.00100	<0.00300	2,050	
MW-2	06/20/2025	<0.00100	<0.00100	<0.00100	<0.00300	2,050	
MW-2	09/19/2025	<0.00100	<0.00100	<0.00100	<0.00300	1,970	
MW-2	12/16/2025	<0.00100	<0.00100	<0.00100	<0.00300	1,990	
MW-3	03/17/2025	<0.00100	<0.00100	<0.00100	<0.00300	568	
MW-3	06/20/2025	<0.00100	<0.00100	<0.00100	<0.00300	533	
MW-3	09/19/2025	<0.00100	<0.00100	<0.00100	<0.00300	448	
MW-3	12/16/2025	<0.00100	<0.00100	<0.00100	<0.00300	456	
MW-4	03/17/2025	NS	NS	NS	NS	NS	LNAPL - 1.48'
MW-4	06/20/2025	NS	NS	NS	NS	NS	LNAPL - 0.34'
MW-4	09/19/2025	NS	NS	NS	NS	NS	LNAPL - 0.26'
MW-4	12/16/2025	0.134	<0.0100	0.394	0.729	4,120	LNAPL - 0.12'
Trip Blank	03/17/2025	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	06/20/2025	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	09/19/2025	NA	NA	NA	NA	NA	None received with shipment
Trip Blank	12/16/2025	<0.00100	<0.00100	<0.00100	<0.00300	NA	

Notes:

Bold red values indicate an exceedance of the associated NMWQCC standard (Effective 7/1/2020) or, for chlorides, the secondary maximum contaminant level (SMCL) which has been established as a guideline in the National Secondary Drinking Water Regulations.

NMWQCC = New Mexico Water Quality Control Commission

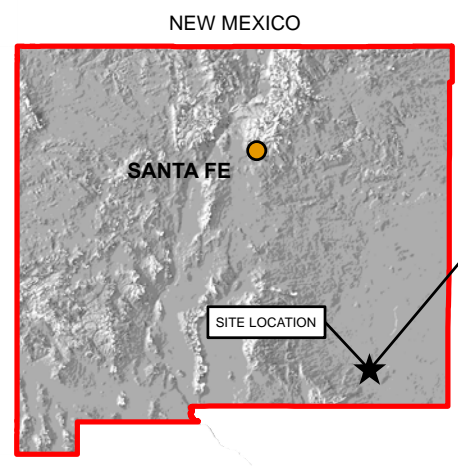
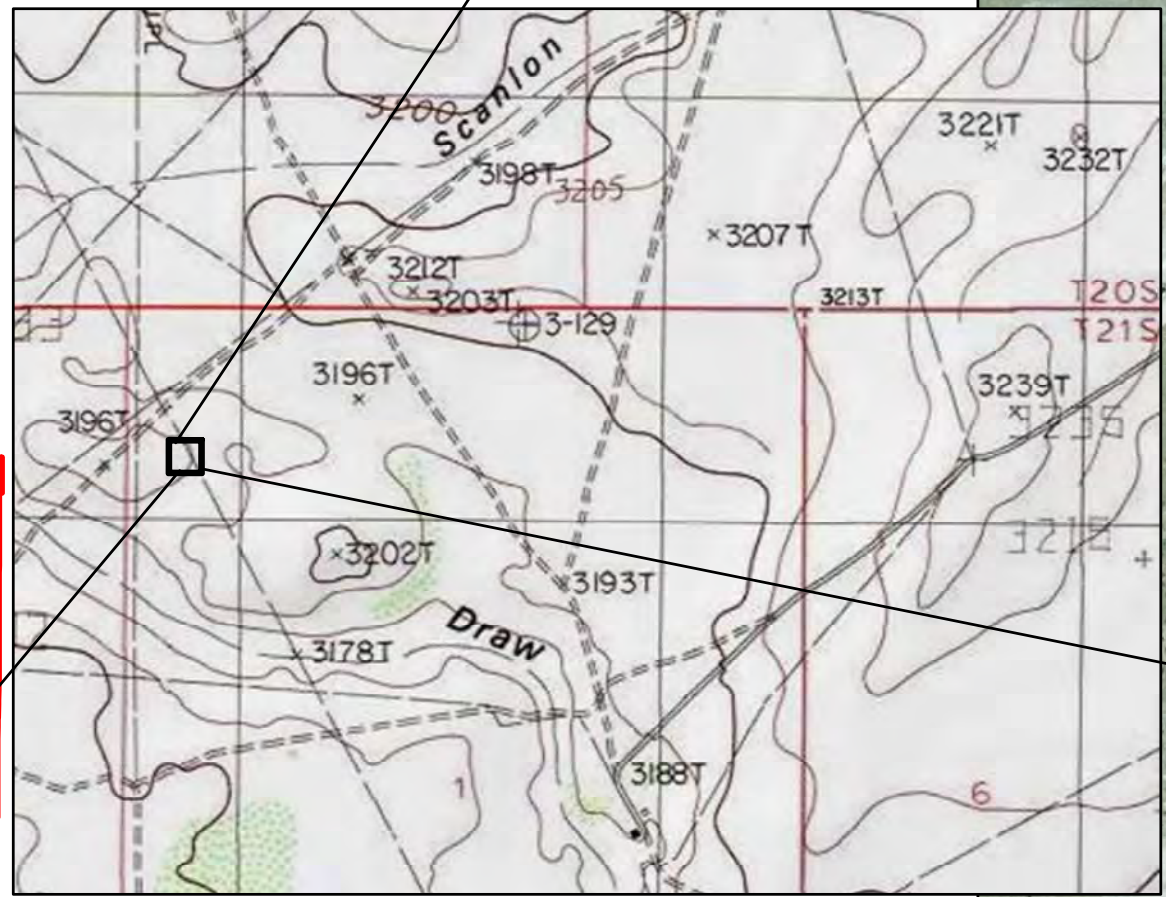
LNAPL = Light Non-Aqueous Phase Liquid

NA = Not Analyzed

J = The identification of the analyte is acceptable, the reported value is an estimate.

mg/L = milligrams per liter

Figures



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



Tasman, Inc.
2620 W. Marland Blvd
Hobbs, NM 88240

DCP Operating Company, LP
Burton Flats Booster Station
 Lots 4 and 5, Section 1, Township 21 South, Range 27 East
 Eddy County, New Mexico

Site Location
Map

Figure
1



Imagery Source: 2014 Google Earth

DATE:	December 2019
DESIGNED BY:	B. Humphrey
DRAWN BY:	L. Martin

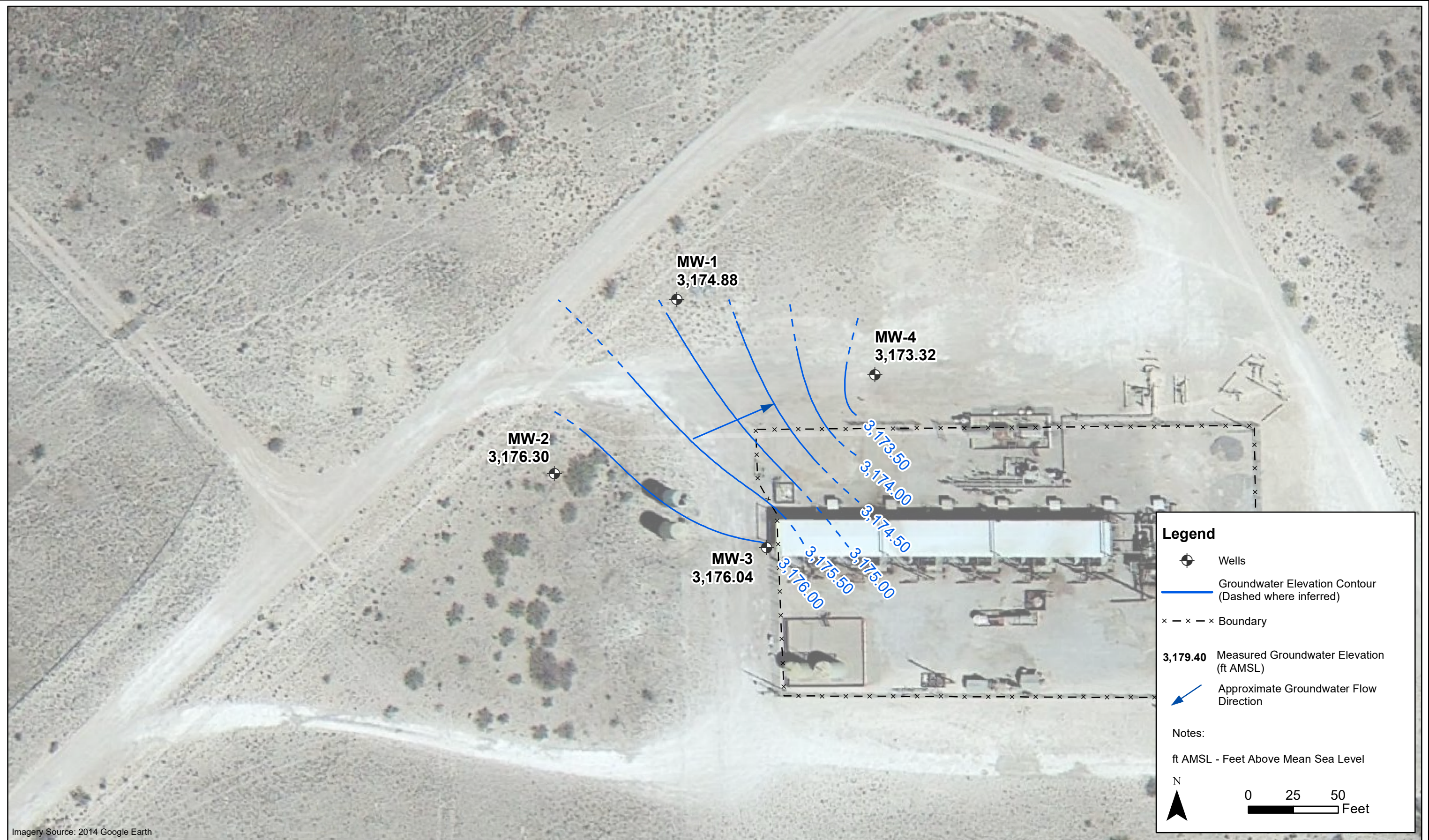


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 2620 W. Marland Blvd
 Hobbs, NM 88240

DCP Operating Company, LP
Burton Flats Booster Station
 Lots 4 and 5, Section 1, Townships 21 South, Range 27 East
 Eddy County, New Mexico

Site Map with Monitoring
 Well Locations

Figure
 2



Imagery Source: 2014 Google Earth

DATE:	March 2025
DESIGNED BY:	K. Stark
DRAWN BY:	K. Stark

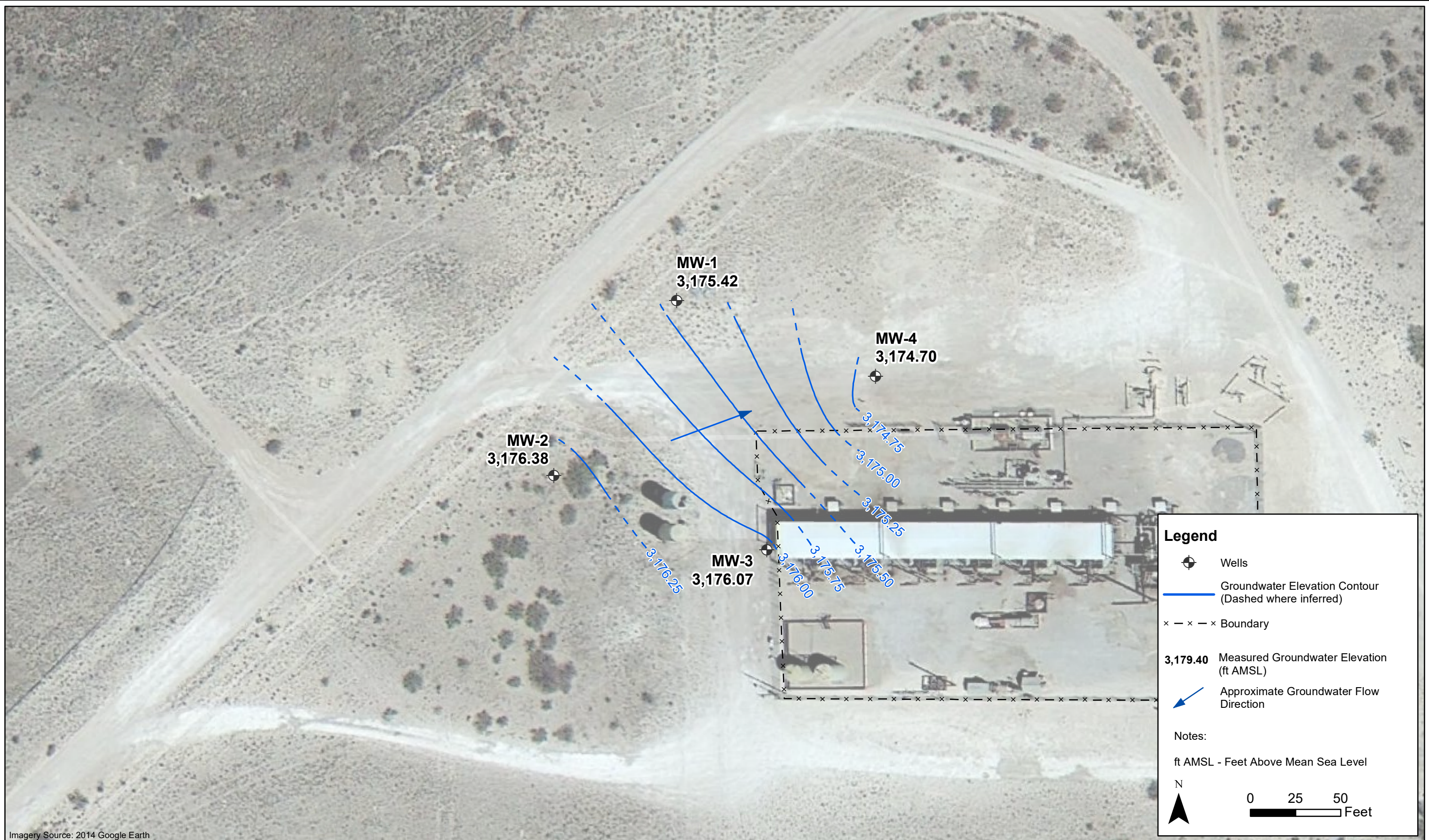


Tasman, Inc.
 2620 W. Marland Blvd
 Hobbs, NM 88240

DCP Operating Company, LP
Burton Flats Booster Station
 Lots 4 and 5, Section 1, Township 21 South, Range 27 East
 Eddy County, New Mexico

Groundwater Elevation
 Contour Map
 (March 17, 2025)

Figure
 3



Imagery Source: 2014 Google Earth

Legend

- Wells
- Groundwater Elevation Contour (Dashed where inferred)
- Boundary
- 3,179.40** Measured Groundwater Elevation (ft AMSL)
- Approximate Groundwater Flow Direction


Notes:

ft AMSL - Feet Above Mean Sea Level

N

0 25 50 Feet

DATE:	June 2025
DESIGNED BY:	K. Johnston
DRAWN BY:	K. Stark

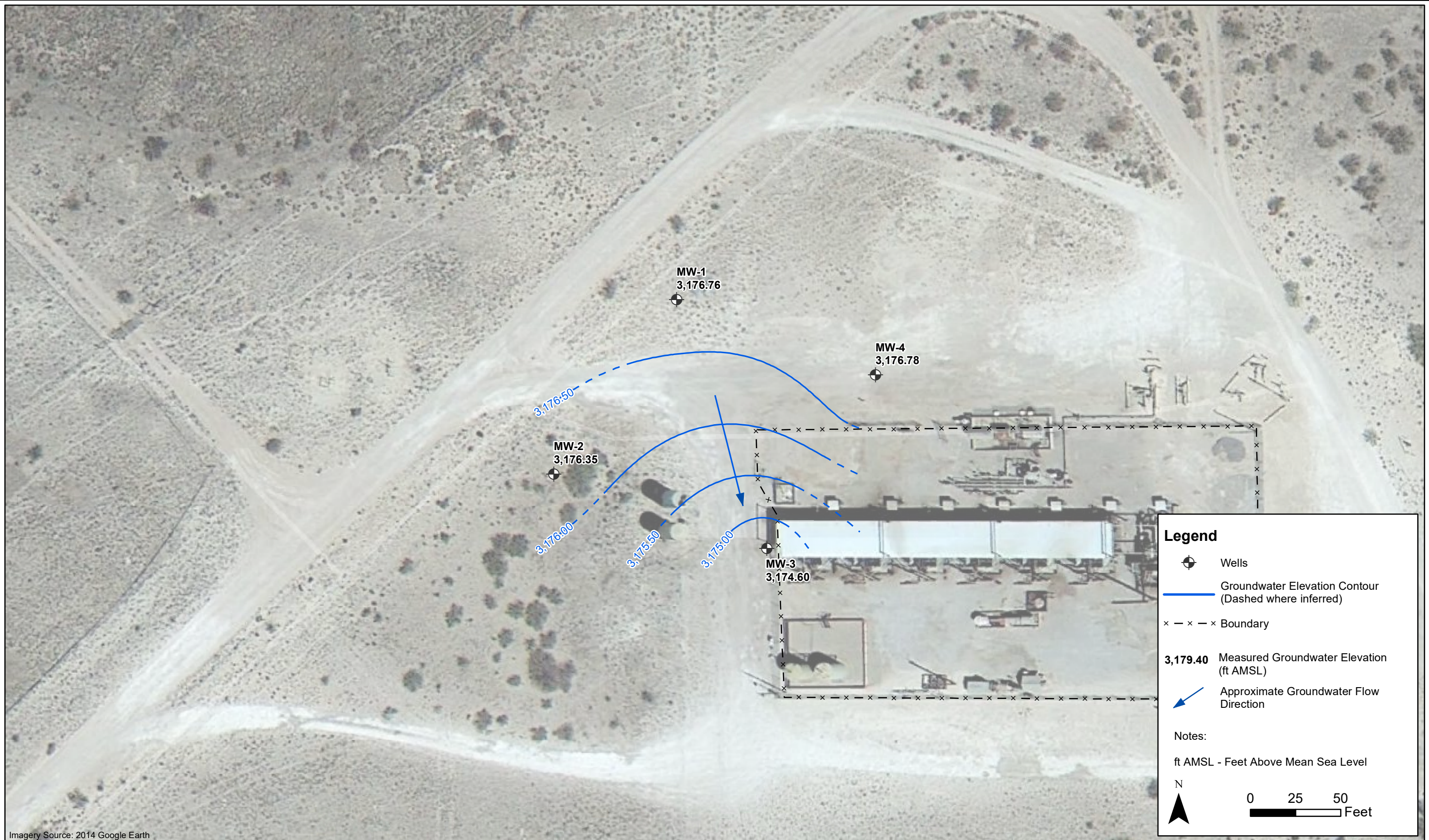


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Hobbs, NM 88240

DCP Operating Company, LP
Burton Flats Booster Station
 Lots 4 and 5, Section 1, Township 21 South, Range 27 East
 Eddy County, New Mexico


Groundwater Elevation
 Contour Map
 (June 20, 2025)

Figure
4



Imagery Source: 2014 Google Earth

DATE:	September 2025
DESIGNED BY:	K. Johnston
DRAWN BY:	K. Stark

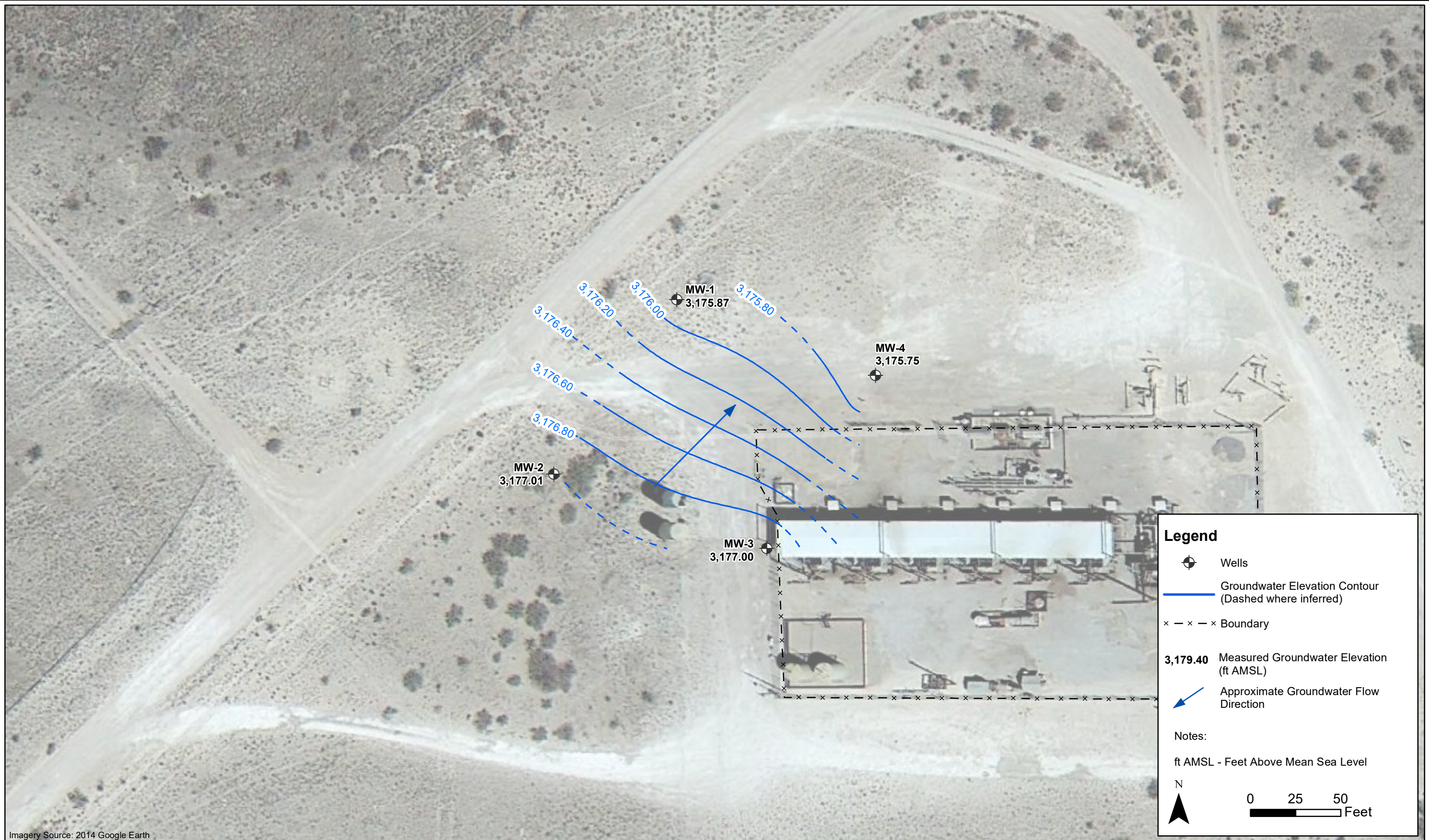


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Hobbs, NM 88240

DCP Operating Company, LP
Burton Flats Booster Station
 Lots 4 and 5, Section 1, Township 21 South, Range 27 East
 Eddy County, New Mexico


Groundwater Elevation
 Contour Map
 (September 19, 2025)

Figure
5



Imagery Source: 2014 Google Earth

DATE:	December 2025
DESIGNED BY:	K. Stark
DRAWN BY:	C. Flores

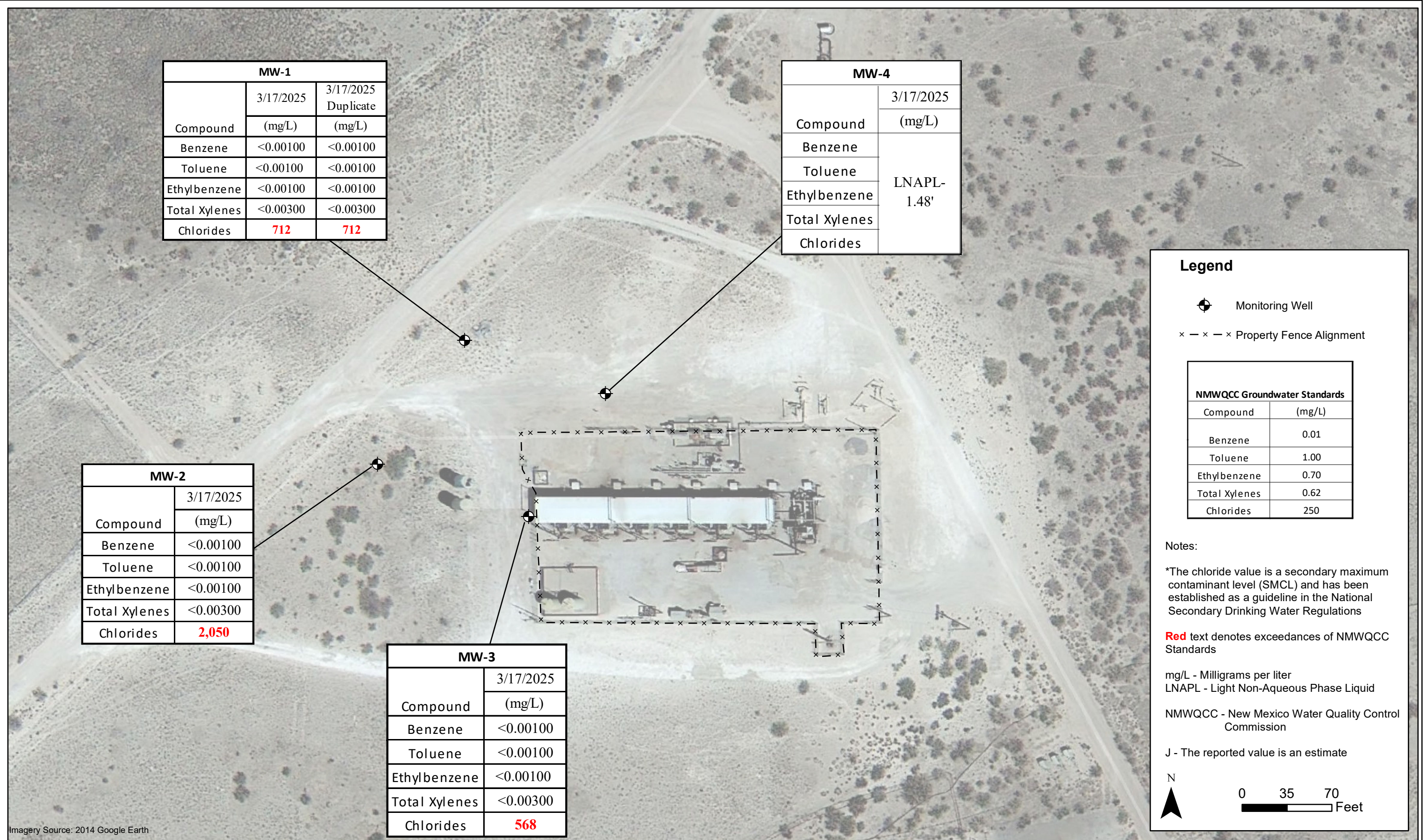


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 Eddy County, New Mexico

Groundwater Elevation
 Contour Map
 (December 16, 2025)

Figure
6



MW-1		
Compound	3/17/2025	3/17/2025 Duplicate
	(mg/L)	(mg/L)
Benzene	<0.00100	<0.00100
Toluene	<0.00100	<0.00100
Ethylbenzene	<0.00100	<0.00100
Total Xylenes	<0.00300	<0.00300
Chlorides	712	712

MW-4	
Compound	3/17/2025 (mg/L)
Benzene	LNAPL-1.48'
Toluene	
Ethylbenzene	
Total Xylenes	
Chlorides	

MW-2	
Compound	3/17/2025 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	2,050

MW-3	
Compound	3/17/2025 (mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300
Chlorides	568

Legend

⊕ Monitoring Well

× - × - × Property Fence Alignment

NMWQCC Groundwater Standards	
Compound	(mg/L)
Benzene	0.01
Toluene	1.00
Ethylbenzene	0.70
Total Xylenes	0.62
Chlorides	250

Notes:

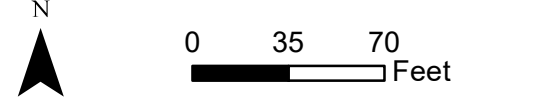
*The chloride value is a secondary maximum contaminant level (SMCL) and has been established as a guideline in the National Secondary Drinking Water Regulations

Red text denotes exceedances of NMWQCC Standards

mg/L - Milligrams per liter
LNAPL - Light Non-Aqueous Phase Liquid

NMWQCC - New Mexico Water Quality Control Commission

J - The reported value is an estimate



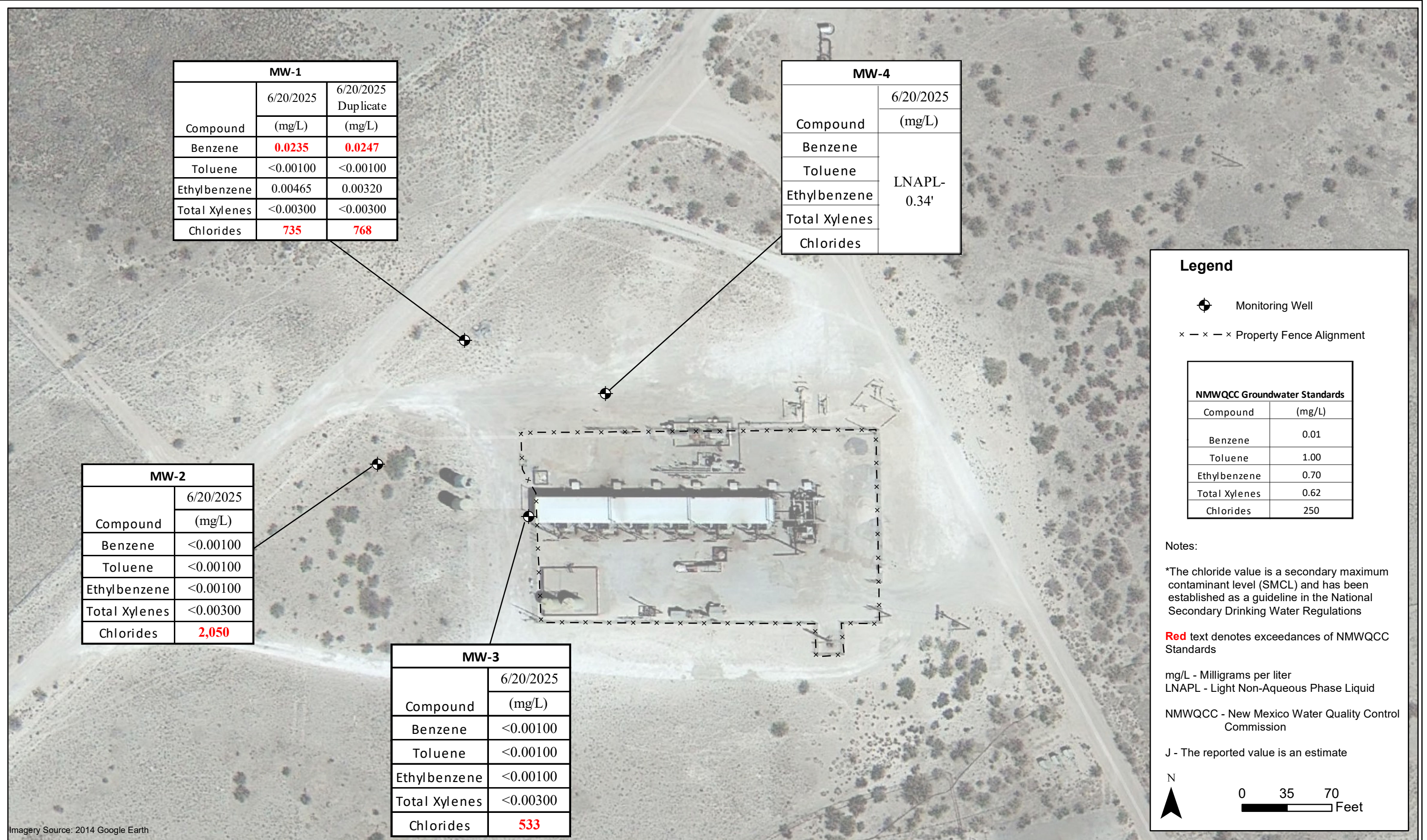
Imagery Source: 2014 Google Earth

DATE:	March 2025
DESIGNED BY:	K. Stark
DRAWN BY:	K. Stark

DCP Operating Company, LP
Burton Flats Booster Station
 Lots 4 and 5, Section 1, Township 21 South, Range 27 East
 Eddy County, New Mexico

Analytical Results
 Map
 (March 17, 2025)

Figure
 7



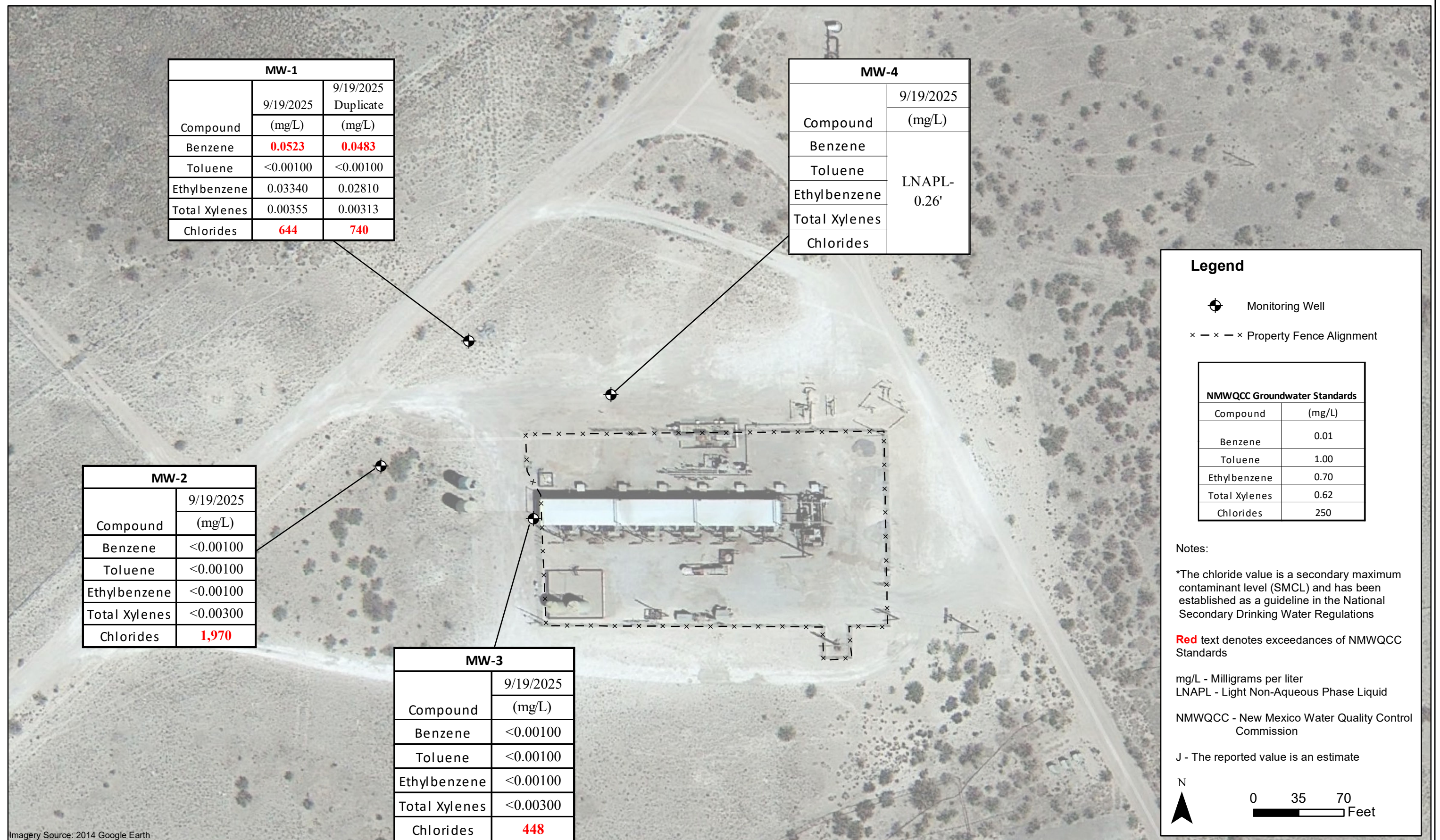
DATE: June 2025
 DESIGNED BY: K. Stark
 DRAWN BY: K. Stark



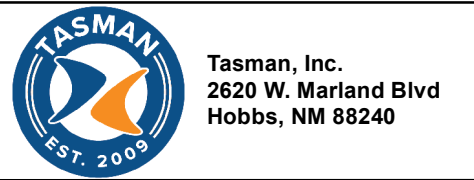
DCP Operating Company, LP
Burton Flats Booster Station
 Lots 4 and 5, Section 1, Township 21 South, Range 27 East
 Eddy County, New Mexico

Analytical Results
 Map
 (June 20, 2025)

Figure
 8



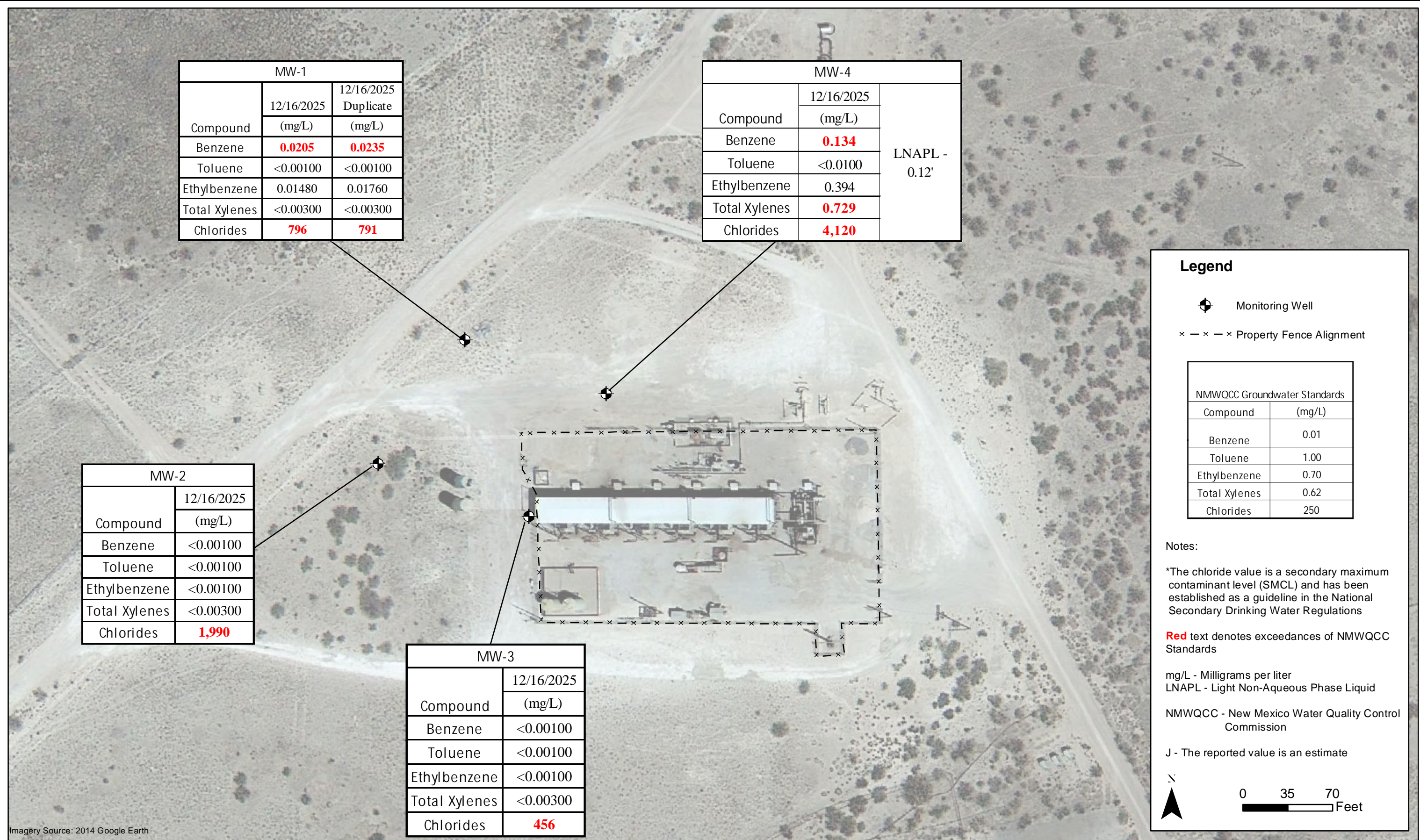
DATE: September 2025
 DESIGNED BY: K. Stark
 DRAWN BY: K. Stark



DCP Operating Company, LP
Burton Flats Booster Station
 Lots 4 and 5, Section 1, Township 21 South, Range 27 East
 Eddy County, New Mexico

Analytical Results
 Map
 (September 19, 2025)

Figure
 9



Imagery Source: 2014 Google Earth

DATE: September 2025
 DESIGNED BY: K. Stark
 DRAWN BY: K. Stark



DCP Operating Company, LP
Burton Flats Booster Station
 Lots 4 and 5, Section 1, Township 21 South, Range 27 East
 Eddy County, New Mexico

Analytical Results
 Map
 (December 16, 2025)

Figure
 10

Appendix A

Historical Analytical Results – BTEX and Chloride Concentrations in Groundwater

**APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
BURTON FLATS BOOSTER STATION
EDDY COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.01	1.00	0.70	0.62	250	
MW-1	12/14/2011	0.140	0.0034	0.200	0.111	665	Duplicate sample collected
MW-1	4/26/2012	0.153	<0.001	0.229	0.0073	584	
MW-1	6/20/2012	0.0967	<0.001	0.284	0.0474	651	Duplicate sample collected
MW-1	9/26/2012	0.0615	<0.001	0.0803	0.0015	590	
MW-1	12/5/2012	0.020	<0.001	0.17	0.037	599	
MW-1	2/21/2013	0.0021	<0.001	0.0058	<0.003	668	Duplicate sample collected
MW-1	6/3/2013	0.0049	<0.001	0.0048	<0.001	703	Duplicate sample collected
MW-1	9/11/2013	NS	NS	NS	NS	NS	LNAPL
MW-1	12/3/2013	NS	NS	NS	NS	NS	LNAPL
MW-1	2/26/2014	NS	NS	NS	NS	NS	LNAPL
MW-1	6/2/2014	NS	NS	NS	NS	NS	LNAPL
MW-1	9/24/2014	Third Quarter 2014 Sampling Suspended - Regional Flooding					
MW-1	12/3/2014	NS	NS	NS	NS	NS	LNAPL
MW-1	2/27/2015	NS	NS	NS	NS	NS	LNAPL
MW-1	6/2/2015	NS	NS	NS	NS	NS	LNAPL
MW-1	8/31/2015	NS	NS	NS	NS	NS	LNAPL
MW-1	12/15/2015	NS	NS	NS	NS	NS	LNAPL
MW-1	3/21/2016	0.0450	<0.0010	0.080	0.010	685	
MW-1	6/20/2016	0.082	<0.0010	0.10	0.0072	700	
MW-1	9/26/2016	0.035	<0.0050	0.033	<0.015	705	
MW-1	12/19/2016	0.051	<0.0010	0.040	0.0035	769	
MW-1	3/6/2017	0.044	<0.0010	0.025	0.0012	733	Duplicate sample collected
MW-1 (Duplicate)	3/6/2017	0.054	<0.0010	0.035	0.0014	740	
MW-1	6/19/2017	0.043	<0.0010	0.020	<0.0010	671	
MW-1	9/27/2017	0.00867	<0.0010	0.00359	<0.0030	649	Duplicate Sample Collected
MW-1 (Duplicate)	9/27/2017	0.00958	<0.0010	0.00389	<0.0030	608	
MW-1	12/18/2017	0.0204	<0.0010	0.00522	<0.0030	679	Duplicate Sample Collected
MW-1 (Duplicate)	12/18/2017	0.0179	<0.0010	0.00502	<0.0030	778	
MW-1	3/12/2018	0.0299	<0.0010	0.0199	0.00114 J	764	Duplicate Sample Collected
MW-1 (Duplicate)	3/12/2018	0.0399	<0.0010	0.0230	<0.0030	770	
MW-1	6/25/2018	0.0255	<0.0010	0.0255	<0.0030	623	Duplicate Sample Collected
MW-1 (Duplicate)	6/25/2018	0.0281	<0.0010	0.0277	<0.0030	632	
MW-1	9/17/2018	0.0115	<0.0010	0.0063	<0.0030	668	Duplicate Sample Collected
MW-1 (Duplicate)	9/17/2018	0.0105	<0.0010	0.0060	<0.0030	641	
MW-1	12/10/2018	0.000641 J	<0.0010	0.00115	<0.0030	1,180	Duplicate Sample Collected
MW-1 (Duplicate)	12/10/2018	0.000712 J	<0.0010	0.00126	<0.0030	1,230	
MW-1	3/21/2019	0.0018	<0.0010	0.00159	<0.0030	667	Duplicate Sample Collected
MW-1 (Duplicate)	3/21/2019	0.0026	<0.0010	0.00144	<0.0030	680	
MW-1	6/13/2019	0.0316	<0.0010	0.0232	<0.0030	774	Duplicate Sample Collected
MW-1 (Duplicate)	6/13/2019	0.0294	<0.0010	0.0216	<0.0030	768	
MW-1	9/17/2019	0.00456	<0.0010	0.00219	<0.0030	654	Duplicate Sample Collected
MW-1 (Duplicate)	9/17/2019	0.0059	<0.0010	0.00272	<0.0030	768	
MW-1	12/9/2019	0.00713	<0.0010	0.00789	0.00161 J	681	Duplicate Sample Collected
MW-1 (Duplicate)	12/9/2019	0.00772	<0.0010	0.00827	0.00166 J	684	
MW-1	6/19/2020	0.0278	<0.0010	0.01900	0.00160 J	908	Duplicate Sample Collected
MW-1 (Duplicate)	6/19/2020	0.0277	<0.0010	0.01870	0.00139 J	927	
MW-1	12/11/2020	0.0439	<0.00100	0.0247	0.00770	743	Duplicate Sample Collected
MW-1 (Duplicate)	12/11/2020	0.0445	<0.00100	0.0248	0.00769	734	
MW-1	3/24/2021	0.0386	<0.00100	0.0224	0.00599	786	Duplicate Sample Collected
MW-1 (Duplicate)	3/24/2021	0.0323	<0.00100	0.0188	0.00456	781	
MW-1	6/18/2021	0.0356	<0.00100	0.0127	0.00263 J	848	Duplicate Sample Collected
MW-1 (Duplicate)	6/18/2021	0.0375	<0.00100	0.0136	0.00279 J	844	
MW-1	9/24/2021	0.0403	<0.00100	0.0138	0.00203 J	814	Duplicate Sample Collected
MW-1 (Duplicate)	9/24/2021	0.0448	<0.00100	0.0170	0.00289 J	868	
MW-1	12/21/2021	0.0326	<0.00100	0.0108	0.00182 J	743	Duplicate Sample Collected

**APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
BURTON FLATS BOOSTER STATION
EDDY COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments	
NMWQCC Groundwater Standards (mg/L)		0.01	1.00	0.70	0.62	250		
MW-1 (Duplicate)	12/21/2021	0.0323	<0.00100	0.0108	0.00198 J	741		
MW-1	3/23/2022	0.0167	<0.00100	0.00872	0.00280 J	818	Duplicate Sample Collected	
MW-1 (Duplicate)	3/23/2022	0.00284	<0.00100	0.00114	0.000235 J	826		
MW-1	6/24/2022	0.0426	<0.00100	0.0126	0.000423 J	704	Duplicate Sample Collected	
MW-1 (Duplicate)	6/24/2022	0.0401	<0.00100	0.0123	0.000413 J	709		
MW-1	9/19/2022	0.00469	<0.00100	0.000982 J	<0.00300	748	Duplicate Sample Collected	
MW-1 (Duplicate)	9/19/2022	0.0175	<0.00100	0.00247	<0.00300	732		
MW-1	12/7/2022	0.00483	<0.00100	0.000567 J	<0.00300	695	Duplicate Sample Collected	
MW-1 (Duplicate)	12/7/2022	0.00416	<0.00100	0.000411 J	<0.00300	795		
MW-1	3/16/2023	0.00872	<0.00100	0.00278	0.00111 J	733	Duplicate Sample Collected	
MW-1 (Duplicate)	3/16/2023	0.0125	<0.00100	0.00300	0.000790 J	711		
MW-1	6/28/2023	0.00918	<0.00100	0.000311 J	<0.00300	716	Duplicate Sample Collected	
MW-1 (Duplicate)	6/28/2023	0.00134	<0.00100	0.000411 J	<0.00300	762		
MW-1	9/28/2023	0.000269 J	<0.00100	<0.00100	<0.00300	648	Duplicate Sample Collected	
MW-1 (Duplicate)	9/28/2023	<0.00100	<0.00100	<0.00100	<0.00300	788		
MW-1	12/13/2023	0.00836	<0.00100	0.000374 J	<0.00300	732	Duplicate Sample Collected	
MW-1 (Duplicate)	12/13/2023	0.00519	<0.00100	0.000261 J	<0.00300	727		
MW-1	3/21/2024	<0.00100	<0.00100	0.000439 J	<0.00300	750	Duplicate Sample Collected	
MW-1 (Duplicate)	3/21/2024	0.00207	<0.00100	0.000365 J	<0.00300	691		
MW-1	6/20/2024	0.000717 J	<0.00100	<0.00100	<0.00300	737	Duplicate Sample Collected	
MW-1 (Duplicate)	6/20/2024	0.000602 J	<0.00100	<0.00100	<0.00300	735		
MW-1	9/26/2024	0.000176 J	<0.00100	0.000293 J	<0.00300	704	Duplicate Sample Collected	
MW-1 (Duplicate)	9/26/2024	<0.00100	<0.00100	<0.00100	<0.00300	697		
MW-1	12/16/2024	<0.00100	<0.00100	<0.00100	<0.00300	703	Duplicate Sample Collected	
MW-1 (Duplicate)	12/16/2024	<0.00100	<0.00100	<0.00100	<0.00300	708		
MW-1	3/17/2025	<0.00100	<0.00100	<0.00100	<0.00300	712	Duplicate Sample Collected	
MW-1 (Duplicate)	3/17/2025	<0.00100	<0.00100	<0.00100	<0.00300	712		
MW-1	6/20/2025	0.0235	<0.00100	0.00465	<0.00300	735	Duplicate Sample Collected	
MW-1 (Duplicate)	6/20/2025	0.0247	<0.00100	0.00320	<0.00300	768		
MW-1	9/19/2025	0.0523	<0.00100	0.03340	0.00355	644	Duplicate Sample Collected	
MW-1 (Duplicate)	9/19/2025	0.0483	<0.00100	0.02810	0.00313	740		
MW-1	12/16/2025	0.0205	<0.00100	0.01480	<0.00300	796	Duplicate Sample Collected	
MW-1 (Duplicate)	12/16/2025	0.0235	<0.00100	0.01760	<0.00300	791		
MW-2	12/14/2011	<0.001	<0.001	<0.001	<0.003	1,170		
MW-2	4/26/2012	<0.001	<0.001	<0.001	<0.003	1,040		
MW-2	6/20/2012	<0.001	<0.001	<0.001	<0.003	1,150		
MW-2	9/26/2012	<0.001	<0.001	<0.001	<0.003	1,130		
MW-2	12/5/2012	<0.001	<0.001	<0.001	<0.003	1,120	Duplicate sample collected	
MW-2	2/21/2013	<0.001	<0.001	<0.001	<0.003	1,250		
MW-2	6/3/2013	<0.001	<0.001	<0.001	<0.001	1,150		
MW-2	9/11/2013	<0.001	<0.001	<0.001	<0.001	1,410	Duplicate sample collected	
MW-2	12/3/2013	<0.001	<0.001	<0.001	<0.001	1,120	Duplicate sample collected	
MW-2	2/26/2014	<0.001	<0.001	<0.001	<0.001	1,220	Duplicate sample collected	
MW-2 (Duplicate)	2/26/2014	<0.001	<0.001	<0.001	<0.001	1,270		
MW-2	6/2/2014	<0.001	<0.001	<0.001	<0.001	1,270	Duplicate sample collected	
MW-2 (Duplicate)	6/2/2014	<0.001	<0.001	<0.001	<0.001	1,290		
MW-2	9/24/2014	Third Quarter 2014 Sampling Suspended - Regional Flooding						
MW-2	12/3/2014	<0.001	<0.001	<0.001	<0.001	1,300	Duplicate sample collected	
MW-2 (Duplicate)	12/3/2014	<0.001	<0.001	<0.001	<0.001	1,410		
MW-2	2/27/2015	<0.001	<0.001	<0.001	<0.003	1,440	Duplicate sample collected	
MW-2 (Duplicate)	2/27/2015	<0.001	<0.001	<0.001	<0.003	1,440		
MW-2	6/2/2015	<0.001	<0.001	<0.001	<0.003	1,650	Duplicate sample collected	
MW-2 (Duplicate)	6/2/2015	<0.001	<0.001	<0.001	<0.003	1,810		
MW-2	8/31/2015	<0.001	<0.001	<0.001	<0.003	1,420	Duplicate sample collected	

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BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
BURTON FLATS BOOSTER STATION
EDDY COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.01	1.00	0.70	0.62	250	
MW-2 (Duplicate)	8/31/2015	<0.001	<0.001	<0.001	<0.003	1,440	
MW-2	12/15/2015	<0.001	<0.001	<0.001	<0.003	1,350	Duplicate sample collected
MW-2 (Duplicate)	12/15/2015	<0.001	<0.001	<0.001	<0.003	1,350	
MW-2	3/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	1,300	
MW-2	6/20/2016	<0.0010	<0.0010	<0.0010	<0.0030	1,280	
MW-2	9/26/2016	<0.0010	<0.0010	<0.0010	<0.0030	1,310	
MW-2	12/19/2016	<0.0010	<0.0010	<0.0010	<0.0030	1,560	Duplicate sample collected
MW-2 (Duplicate)	12/19/2016	<0.0010	<0.0010	<0.0010	<0.0030	1,350	
MW-2	3/6/2017	<0.0010	<0.0010	<0.0010	<0.0010	1,210	
MW-2	6/19/2017	<0.0010	<0.0010	<0.0010	<0.0010	1,480	
MW-2	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	1,530	
MW-2	12/18/2017	<0.0010	<0.0010	<0.0010	<0.0030	1,300	
MW-2	3/12/2018	<0.0010	<0.0010	<0.0010	<0.0030	1,290	
MW-2	6/25/2018	<0.0010	<0.0010	<0.0010	<0.0030	1,490	
MW-2	9/17/2018	<0.0010	<0.0010	<0.0010	<0.0030	2,130	
MW-2	12/10/2018	<0.0010	<0.0010	<0.0010	<0.0030	3,780	
MW-2	3/21/2019	<0.0010	<0.0010	<0.0010	<0.0030	1,380	
MW-2	6/13/2019	<0.0010	<0.0010	<0.0010	<0.0030	1,860	
MW-2	9/17/2019	<0.0010	<0.0010	<0.0010	<0.0030	2,380	
MW-2	12/9/2019	<0.0010	<0.0010	<0.0010	<0.0030	1,870	
MW-2	6/19/2020	<0.0010	<0.0010	<0.0010	<0.0030	2,220	
MW-2	12/11/2020	<0.00100	<0.00100	<0.00100	<0.00300	2,160	
MW-2	3/24/2021	0.000195 J	<0.00100	<0.00100	<0.00300	1,860	
MW-2	6/18/2021	<0.00100	<0.00100	<0.00100	<0.00300	2,120	
MW-2	9/24/2021	<0.00100	<0.00100	<0.00100	<0.00300	2,120	
MW-2	12/21/2021	0.000114 J	<0.00100	<0.00100	<0.00300	435	
MW-2	3/23/2022	<0.00100	<0.00100	<0.00100	0.00112 J	1,870	
MW-2	6/24/2022	<0.00100	<0.00100	<0.00100	<0.00300	2,220	
MW-2	9/19/2022	<0.00100	<0.00100	<0.00100	<0.00300	2,380	
MW-2	12/7/2022	<0.00100	<0.00100	<0.00100	<0.00300	2,380	
MW-2	3/16/2023	<0.00100	<0.00100	<0.00100	<0.00300	1,790	
MW-2	6/28/2023	0.000135 J	<0.00100	<0.00100	<0.00300	1,840	
MW-2	9/28/2023	<0.00100	<0.00100	<0.00100	<0.00300	2,320	
MW-2	12/13/2023	<0.00100	<0.00100	<0.00100	<0.00300	2,220	
MW-2	3/21/2024	<0.00100	<0.00100	<0.00100	<0.00300	1,750	
MW-2	6/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	2,250	
MW-2	9/26/2024	<0.00100	<0.00100	<0.00100	<0.00300	2,580	
MW-2	12/16/2024	<0.00100	<0.00100	<0.00100	<0.00300	2,140	
MW-2	3/17/2025	<0.00100	<0.00100	<0.00100	<0.00300	2,050	
MW-2	6/20/2025	<0.00100	<0.00100	<0.00100	<0.00300	2,050	
MW-2	9/19/2025	<0.00100	<0.00100	<0.00100	<0.00300	1,970	
MW-2	12/16/2025	<0.00100	<0.00100	<0.00100	<0.00300	1,990	
MW-3	12/14/2011	<0.001	<0.001	<0.001	<0.003	426	
MW-3	4/26/2012	<0.001	<0.001	<0.001	<0.003	406	Duplicate sample collected
MW-3	6/20/2012	<0.001	<0.001	<0.001	<0.003	435	
MW-3	9/26/2012	<0.001	<0.001	0.00057	<0.003	447	Duplicate sample collected
MW-3	12/5/2012	<0.001	<0.001	<0.001	<0.003	444	
MW-3	2/21/2013	<0.001	<0.001	<0.001	<0.003	503	
MW-3	6/12/2013	<0.001	<0.001	<0.001	<0.001	474	
MW-3	9/11/2013	<0.001	<0.001	<0.001	<0.001	589	
MW-3	12/3/2013	<0.001	<0.001	<0.001	<0.001	432	
MW-3	2/26/2014	<0.001	<0.001	<0.001	<0.001	484	
MW-3	6/2/2014	<0.001	<0.001	<0.001	<0.001	519	
MW-3	9/24/2014	Third Quarter 2014 Sampling Suspended - Regional Flooding					

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BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
BURTON FLATS BOOSTER STATION
EDDY COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.01	1.00	0.70	0.62	250	
MW-3	12/3/2014	<0.001	<0.001	<0.001	<0.001	294	
MW-3	2/27/2015	<0.001	<0.001	<0.001	<0.003	301	
MW-3	6/2/2015	<0.001	<0.001	<0.001	<0.003	384	
MW-3	8/31/2015	<0.001	<0.001	<0.001	<0.003	386	
MW-3	12/15/2015	<0.001	<0.001	<0.001	<0.003	568	
MW-3	3/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	484	Duplicate sample collected
MW-3(Duplicate)	3/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	526	
MW-3	6/20/2016	<0.0010	<0.0010	<0.0010	<0.0030	414	Duplicate sample collected
MW-3 (Duplicate)	6/20/2016	<0.0010	<0.0010	<0.0010	<0.0030	383	
MW-3	9/26/2016	<0.0010	<0.0010	<0.0010	<0.0030	320	Duplicate sample collected
MW-3 (Duplicate)	9/26/2016	<0.0010	<0.0010	<0.0010	<0.0030	324	
MW-3	12/19/2016	<0.0010	<0.0010	<0.0010	<0.0030	285	
MW-3	3/6/2017	<0.0010	<0.0010	<0.0010	<0.0010	466	
MW-3	6/19/2017	<0.0010	<0.0010	<0.0010	<0.0010	247	
MW-3 (Duplicate)	6/19/2017	<0.0010	<0.0010	<0.0010	<0.0010	251	
MW-3	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	269	
MW-3	12/18/2017	<0.0010	<0.0010	<0.0010	<0.0030	310	
MW-3	3/12/2018	<0.0010	<0.0010	<0.0010	<0.0030	253	
MW-3	6/25/2018	<0.0010	<0.0010	<0.0010	<0.0030	258	
MW-3	9/17/2018	<0.0010	<0.0010	<0.0010	<0.0030	277	
MW-3	12/10/2018	<0.0010	<0.0010	<0.0010	<0.0030	429	
MW-3	3/21/2019	<0.0010	<0.0010	<0.0010	<0.0030	309	
MW-3	6/13/2019	<0.0010	<0.0010	<0.0010	<0.0030	369	
MW-3	9/17/2019	0.00426	<0.0010	<0.0010	<0.0030	333	
MW-3	12/9/2019	0.00216	<0.0010	<0.0010	<0.0030	339	
MW-3	6/19/2020	0.000240 J	<0.0010	<0.0010	<0.0030	372	
MW-3	12/11/2020	<0.00100	<0.00100	<0.00100	<0.00300	420	
MW-3	3/24/2021	0.000352 J	0.000345 J	<0.00100	<0.00300	410	
MW-3	6/18/2021	<0.00100	<0.00100	<0.00100	<0.00300	436	
MW-3	9/24/2021	0.000125 J	<0.00100	<0.00100	<0.00300	443	
MW-3	12/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	1990	
MW-3	3/23/2022	0.00110	0.00119	<0.00100	0.000290 J	434	
MW-3	6/24/2022	<0.00100	<0.00100	<0.00100	<0.00300	436	
MW-3	9/19/2022	<0.00100	<0.00100	<0.00100	<0.00300	431	
MW-3	12/7/2022	0.000191 J	<0.00100	<0.00100	<0.00300	436	
MW-3	3/16/2023	<0.00100	<0.00100	<0.00100	<0.00300	442	
MW-3	6/28/2023	0.000132 J	<0.00100	<0.00100	<0.00300	469	
MW-3	9/28/2023	0.001	0.001	0.000269 J	0.000948 J	414	
MW-3	12/13/2023	<0.00100	<0.00100	<0.00100	<0.00300	474	
MW-3	3/21/2024	<0.00100	<0.00100	<0.00100	<0.00300	461	
MW-3	6/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	462	
MW-3	9/26/2024	<0.00100	<0.00100	<0.00100	<0.00300	531	
MW-3	12/16/2024	<0.00100	<0.00100	<0.00100	<0.00300	579	
MW-3	3/17/2025	<0.00100	<0.00100	<0.00100	<0.00300	568	
MW-3	6/20/2025	<0.00100	<0.00100	<0.00100	<0.00300	533	
MW-3	9/19/2025	<0.00100	<0.00100	<0.00100	<0.00300	448	
MW-3	12/16/2025	<0.00100	<0.00100	<0.00100	<0.00300	456	
MW-4	4/26/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	6/20/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	9/26/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	12/5/2012	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	2/21/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	6/3/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	9/11/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	

**APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
BURTON FLATS BOOSTER STATION
EDDY COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments	
NMWQCC Groundwater Standards (mg/L)		0.01	1.00	0.70	0.62	250		
MW-4	12/3/2013	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL		
MW-4	2/26/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL		
MW-4	6/2/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL		
MW-4	9/24/2014	Third Quarter 2014 Sampling Suspended - Regional Flooding						
MW-4	12/3/2014	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL		
MW-4	2/27/2015	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL		
MW-4	6/2/2015	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL		
MW-4	8/31/2015	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL		
MW-4	12/15/2015	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL		
MW-4	3/21/2016	0.58	0.17	0.48	0.90	10,700		
MW-4	6/20/2016	0.46	0.16	0.64	1.2	9,700		
MW-4	9/26/2016	0.51	0.14	0.54	1.0	7,780		
MW-4	12/19/2016	0.37	0.12	0.56	0.99	7,530		
MW-4	3/6/2017	0.37	0.086	0.49	0.8	6,370		
MW-4	6/19/2017	0.14	0.035	0.46	0.50	6,420	LNAPL (0.30 feet)	
MW-4	9/27/2017	0.104	0.0718	0.706	1.12	7,520	LNAPL (0.24 feet)	
MW-4	12/18/2017	0.433	0.0979	0.570	1.12	6,450	LNAPL (0.10 feet)	
MW-4	3/12/2018	0.293	0.0641	0.319	0.627	6,160		
MW-4	6/25/2018	NS	NS	NS	NS	NS	LNAPL (0.18 feet)	
MW-4	9/17/2018	NS	NS	NS	NS	NS	LNAPL (0.5 feet)	
MW-4	12/10/2018	NS	NS	NS	NS	NS	LNAPL (0.59 feet)	
MW-4	3/21/2019	NS	NS	NS	NS	NS	LNAPL (0.65 feet)	
MW-4	6/13/2019	NS	NS	NS	NS	NS	LNAPL (0.55 feet)	
MW-4	9/17/2019	NS	NS	NS	NS	NS	LNAPL (0.23 feet)	
MW-4	12/9/2019	NS	NS	NS	NS	NS	LNAPL (0.39 feet)	
MW-4	6/19/2020	NS	NS	NS	NS	NS	LNAPL	
MW-4	12/11/2020	NS	NS	NS	NS	NS	LNAPL	
MW-4	3/24/2021	NS	NS	NS	NS	NS	LNAPL	
MW-4	6/18/2021	NS	NS	NS	NS	NS	LNAPL	
MW-4	9/24/2021	NS	NS	NS	NS	NS	LNAPL	
MW-4	12/21/2021	NS	NS	NS	NS	NS	LNAPL	
MW-4	3/23/2022	NS	NS	NS	NS	NS	LNAPL	
MW-4	6/24/2022	NS	NS	NS	NS	NS	LNAPL (1.07 feet)	
MW-4	9/19/2022	NS	NS	NS	NS	NS	LNAPL (0.16')	
MW-4	12/7/2022	NS	NS	NS	NS	NS	LNAPL	
MW-4	3/16/2023	NS	NS	NS	NS	NS	LNAPL (0.34')	
MW-4	6/28/2023	NS	NS	NS	NS	NS	LNAPL (1.02')	
MW-4	9/28/2023	NS	NS	NS	NS	NS	LNAPL (1.56')	
MW-4	12/13/2023	NS	NS	NS	NS	NS	LNAPL (0.74')	
MW-4	3/21/2024	<0.00500	<0.00500	1.07	2.24	3,530	LNAPL - 0.71'	
MW-4	6/20/2024	NS	NS	NS	NS	NS	LNAPL - 1.25'	
MW-4	9/26/2024	NS	NS	NS	NS	NS	LNAPL - 1.70'	
MW-4	12/16/2024	NS	NS	NS	NS	NS	LNAPL - 0.55'	
MW-4	3/17/2025	NS	NS	NS	NS	NS	LNAPL - 1.48'	
MW-4	6/20/2025	NS	NS	NS	NS	NS	LNAPL - 0.34'	
MW-4	9/19/2025	NS	NS	NS	NS	NS	LNAPL - 0.26'	
MW-4	12/16/2025	0.134	<0.0100	0.394	0.729	4,120	LNAPL - 0.12'	
Trip Blank	6/2/2014	<0.001	<0.001	<0.001	<0.001	NA		
Trip Blank	12/3/2014	<0.001	<0.001	<0.001	<0.001	NA		
Trip Blank	2/27/2015	<0.001	<0.001	<0.001	<0.003	NA		
Trip Blank	6/2/2015	<0.001	<0.001	<0.001	<0.003	NA		
Trip Blank	8/31/2015	<0.001	<0.001	<0.001	<0.003	NA		
Trip Blank	12/15/2015	<0.001	<0.001	<0.001	<0.003	NA		
Trip Blank	3/21/2016	<0.0010	<0.0010	<0.0010	<0.0030	NA		
Trip Blank	6/20/2016	<0.0010	<0.0010	<0.0010	<0.0030	NA		

**APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
BURTON FLATS BOOSTER STATION
EDDY COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chlorides (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.01	1.00	0.70	0.62	250	
Trip Blank	9/26/2016	<0.0010	<0.0010	<0.0010	<0.0030	NA	
Trip Blank	12/19/2016	<0.0010	<0.0010	<0.0010	<0.0010	NA	
Trip Blank	3/6/2017	<0.0010	<0.0010	<0.0010	<0.0010	NA	
Trip Blank	6/19/2017	<0.0010	<0.0010	<0.0010	<0.0010	NA	
Trip Blank	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	NA	
Trip Blank	12/18/2017	<0.0010	<0.0010	<0.0010	<0.0030	NA	
Trip Blank	3/12/2018	<0.0010	<0.0010	<0.0010	<0.0030	NA	
Trip Blank	3/12/2018	<0.0010	<0.0010	<0.0010	<0.0030	NA	
Trip Blank	6/25/2018	<0.0010	<0.0010	<0.0010	<0.0030	NA	
Trip Blank	9/17/2018	<0.0010	<0.0010	<0.0010	<0.0030	NA	
Trip Blank	12/9/2019	<0.0010	<0.0010	<0.0010	<0.0030	NA	
Trip Blank	6/19/2020	<0.0010	<0.0010	<0.0010	<0.0030	NA	
Trip Blank	12/11/2020	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	3/24/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	6/18/2021	NA	NA	NA	NA	NA	
Trip Blank	9/24/2021	0.000372 J	<0.00100	<0.00100	<0.00100	NA	
Trip Blank	12/21/2021	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	3/23/2022	NA	NA	NA	NA	NA	No Trip Blank
Trip Blank	6/24/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	9/19/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	12/7/2022	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	3/16/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	6/28/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	9/28/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	12/13/2023	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	3/21/2024	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	6/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	9/26/2024	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	12/16/2024	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	3/17/2025	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	6/20/2025	<0.00100	<0.00100	<0.00100	<0.00300	NA	
Trip Blank	9/19/2025	NA	NA	NA	NA	NA	None received with shipment
Trip Blank	12/16/2025	<0.00100	<0.00100	<0.00100	<0.00300	NA	

Notes:

Bold red values indicate an exceedance of the associated NMWQCC standard (Effective 07/1/2020) or, for chlorides, the secondary maximum contaminant level (SMCL) which has been established as a guideline in the National Secondary Drinking Water Regulations.

NMWQCC = New Mexico Water Quality Control Commission

LNAPL = Light Non-Aqueous Phase Liquid

NA = Not Analyzed

J = The identification of the analyte is acceptable, the reported value is an estimate.

mg/L = milligrams per liter

Appendix B
NMOCD Sampling Notifications

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**

QUESTIONS

Action 439678

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 439678
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB1004239132
Incident Name	NMLB1004239132 BURTON FLATS BOOSTER STATION @ 0
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Facility	[FWJF0431356160] BURTON FLATS BOOSTER STATION

Location of Release Source	
Site Name	BURTON FLATS BOOSTER STATION
Date Release Discovered	10/05/2009
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	13,700
What is the estimated number of samples that will be gathered	3
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/17/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Groundwater abatement per 19.15.30.14B NMAC
Please provide any information necessary for navigation to sampling site	32.519705 -104.151277

Sante Fe Main Office
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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

Action 439678

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 439678
	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.	3/6/2025

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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

QUESTIONS

Action 471904

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 471904
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB1004239132
Incident Name	NMLB1004239132 BURTON FLATS BOOSTER STATION @ 0
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Facility	[FWJF0431356160] BURTON FLATS BOOSTER STATION

Location of Release Source	
Site Name	BURTON FLATS BOOSTER STATION
Date Release Discovered	10/05/2009
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	13,700
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/20/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Groundwater Abatement per 19.15.30.14B NMAC
Please provide any information necessary for navigation to sampling site	GPS: 32.519741 -104.151238

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

General Information
Phone: (505) 629-6116

Online Phone Directory
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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

Action 471904

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 471904
	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.	6/9/2025
knorman	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/9/2025

Sante Fe Main Office
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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**

QUESTIONS

Action 504281

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 504281
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB1004239132
Incident Name	NMLB1004239132 BURTON FLATS BOOSTER STATION @ 0
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Facility	[FWJF0431356160] BURTON FLATS BOOSTER STATION

Location of Release Source	
Site Name	BURTON FLATS BOOSTER STATION
Date Release Discovered	10/05/2009
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	13,700
What is the estimated number of samples that will be gathered	3
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/19/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Groundwater abatement per 19.15.30.14B NMAC
Please provide any information necessary for navigation to sampling site	GPS: 32.519771 -104.151240

Sante Fe Main Office
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General Information
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Online Phone Directory
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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

Action 504281

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 504281
	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.	9/9/2025
knorman	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	9/9/2025

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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**

QUESTIONS

Action 531534

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 531534
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB1004239132
Incident Name	NMLB1004239132 BURTON FLATS BOOSTER STATION @ 0
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Facility	[FWJF0431356160] BURTON FLATS BOOSTER STATION

Location of Release Source	
Site Name	BURTON FLATS BOOSTER STATION
Date Release Discovered	10/05/2009
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	13,700
What is the estimated number of samples that will be gathered	5
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/16/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Groundwater abatement per 19.15.30.14B NMAC
Please provide any information necessary for navigation to sampling site	GPS: 32.519771 -104.151240

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 531534

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 531534
	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.	12/3/2025
knorman	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	12/3/2025



ANALYTICAL REPORT

March 20, 2025

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

Phillips 66 - Tasman

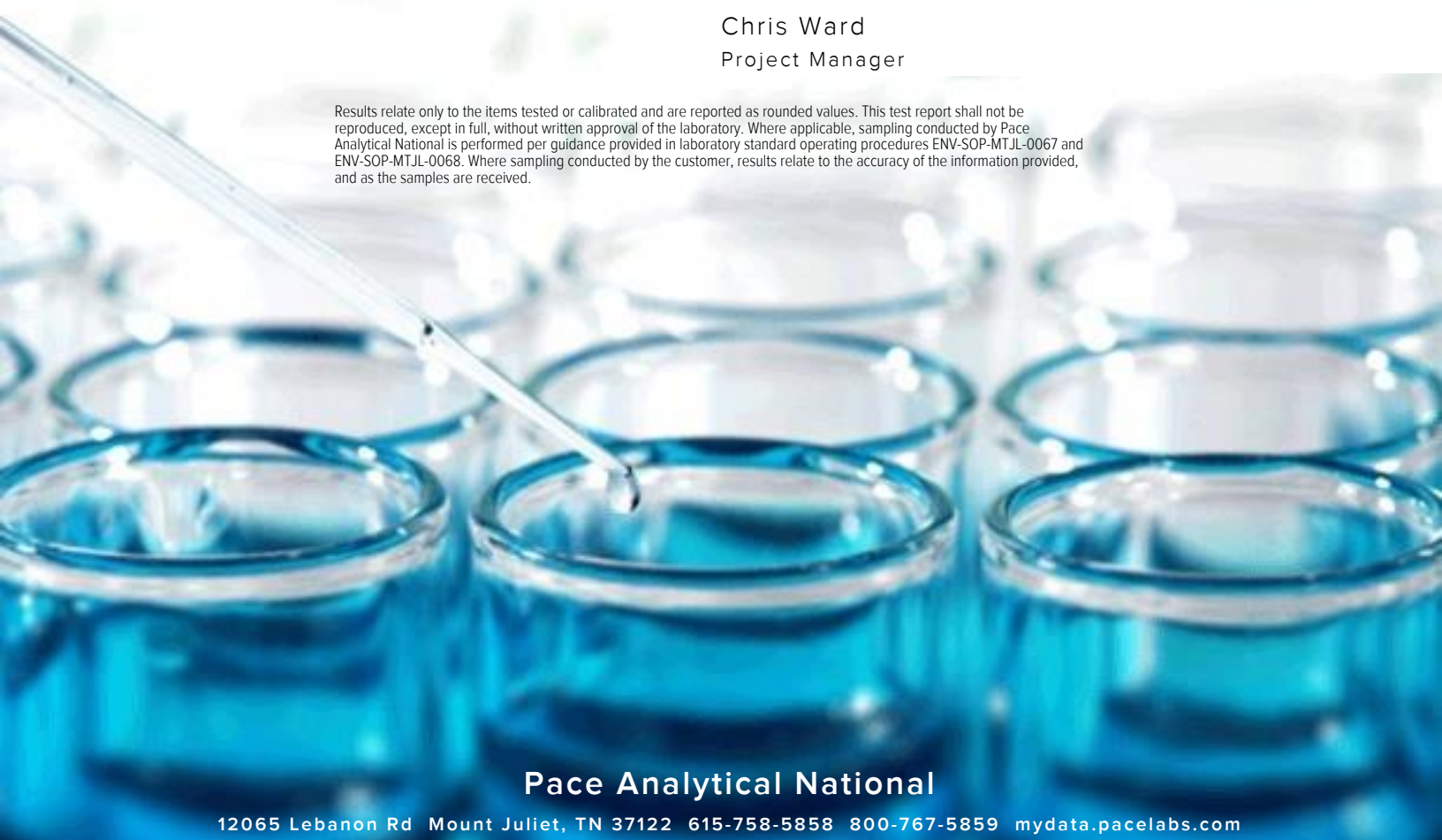
Sample Delivery Group: L1837460
 Samples Received: 03/18/2025
 Project Number: 311090017
 Description: Burton Flats Booster Station

Report To: Steve Weathers
 4725 Independence St
 Wheat Ridge, CO 80033

Entire Report Reviewed By:










Chris Ward
Project Manager

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



Pace Analytical National

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

Cp: Cover Page	1	
Tc: Table of Contents	2	
Ss: Sample Summary	3	
Cn: Case Narrative	4	
Sr: Sample Results	5	
MW-1 L1837460-01	5	
MW-2 L1837460-02	6	
MW-3 L1837460-03	7	
DUPLICATE L1837460-04	8	
TRIP BLANK L1837460-05	9	
Qc: Quality Control Summary	10	
Wet Chemistry by Method 9056A	10	
Volatile Organic Compounds (GC/MS) by Method 8260B	11	
Gl: Glossary of Terms	12	
Al: Accreditations & Locations	13	
Sc: Sample Chain of Custody	14	

MW-1 L1837460-01 GW

Collected by Kendon Stark
 Collected date/time 03/17/25 09:03
 Received date/time 03/18/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2469999	50	03/20/25 04:16	03/20/25 04:16	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2472638	1	03/20/25 05:24	03/20/25 05:24	DWR	Mt. Juliet, TN

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

MW-2 L1837460-02 GW

Collected by Kendon Stark
 Collected date/time 03/17/25 09:15
 Received date/time 03/18/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2469999	50	03/20/25 04:26	03/20/25 04:26	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2472638	1	03/20/25 05:47	03/20/25 05:47	DWR	Mt. Juliet, TN

MW-3 L1837460-03 GW

Collected by Kendon Stark
 Collected date/time 03/17/25 09:24
 Received date/time 03/18/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2469999	50	03/20/25 04:35	03/20/25 04:35	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2472638	1	03/20/25 06:10	03/20/25 06:10	DWR	Mt. Juliet, TN

DUPLICATE L1837460-04 GW

Collected by Kendon Stark
 Collected date/time 03/17/25 00:00
 Received date/time 03/18/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2469999	50	03/20/25 04:45	03/20/25 04:45	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2472638	1	03/20/25 06:33	03/20/25 06:33	DWR	Mt. Juliet, TN

TRIP BLANK L1837460-05 GW

Collected by Kendon Stark
 Collected date/time 03/17/25 00:00
 Received date/time 03/18/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2472638	1	03/20/25 03:27	03/20/25 03:27	DWR	Mt. Juliet, TN

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

Chris Ward
Project Manager

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

Collected date/time: 03/17/25 09:03

L1837460

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Chloride	712		27.4	50.0	50	03/20/2025 04:16	WG2469999

1 Cp

2 Tc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Benzene	U		0.0941	1.00	1	03/20/2025 05:24	WG2472638
Toluene	U		0.278	1.00	1	03/20/2025 05:24	WG2472638
Ethylbenzene	U		0.137	1.00	1	03/20/2025 05:24	WG2472638
Total Xylenes	U		0.174	3.00	1	03/20/2025 05:24	WG2472638
(S) Toluene-d8	106			80.0-120		03/20/2025 05:24	WG2472638
(S) 4-Bromofluorobenzene	107			77.0-126		03/20/2025 05:24	WG2472638
(S) 1,2-Dichloroethane-d4	124			70.0-130		03/20/2025 05:24	WG2472638

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/17/25 09:15

L1837460

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Chloride	2050		27.4	50.0	50	03/20/2025 04:26	WG2469999

1 Cp

2 Tc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Benzene	U		0.0941	1.00	1	03/20/2025 05:47	WG2472638
Toluene	U		0.278	1.00	1	03/20/2025 05:47	WG2472638
Ethylbenzene	U		0.137	1.00	1	03/20/2025 05:47	WG2472638
Total Xylenes	U		0.174	3.00	1	03/20/2025 05:47	WG2472638
(S) Toluene-d8	104			80.0-120		03/20/2025 05:47	WG2472638
(S) 4-Bromofluorobenzene	104			77.0-126		03/20/2025 05:47	WG2472638
(S) 1,2-Dichloroethane-d4	123			70.0-130		03/20/2025 05:47	WG2472638

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/17/25 09:24

L1837460

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Chloride	568		27.4	50.0	50	03/20/2025 04:35	WG2469999

1 Cp

2 Tc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Benzene	U		0.0941	1.00	1	03/20/2025 06:10	WG2472638
Toluene	U		0.278	1.00	1	03/20/2025 06:10	WG2472638
Ethylbenzene	U		0.137	1.00	1	03/20/2025 06:10	WG2472638
Total Xylenes	U		0.174	3.00	1	03/20/2025 06:10	WG2472638
(S) Toluene-d8	104			80.0-120		03/20/2025 06:10	WG2472638
(S) 4-Bromofluorobenzene	106			77.0-126		03/20/2025 06:10	WG2472638
(S) 1,2-Dichloroethane-d4	124			70.0-130		03/20/2025 06:10	WG2472638

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/17/25 00:00

L1837460

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Chloride	712		27.4	50.0	50	03/20/2025 04:45	WG2469999

1 Cp

2 Tc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Benzene	U		0.0941	1.00	1	03/20/2025 06:33	WG2472638
Toluene	U		0.278	1.00	1	03/20/2025 06:33	WG2472638
Ethylbenzene	U		0.137	1.00	1	03/20/2025 06:33	WG2472638
Total Xylenes	U		0.174	3.00	1	03/20/2025 06:33	WG2472638
(S) Toluene-d8	104			80.0-120		03/20/2025 06:33	WG2472638
(S) 4-Bromofluorobenzene	106			77.0-126		03/20/2025 06:33	WG2472638
(S) 1,2-Dichloroethane-d4	128			70.0-130		03/20/2025 06:33	WG2472638

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/17/25 00:00

L1837460

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	03/20/2025 03:27	WG2472638
Toluene	U		0.278	1.00	1	03/20/2025 03:27	WG2472638
Ethylbenzene	U		0.137	1.00	1	03/20/2025 03:27	WG2472638
Total Xylenes	U		0.174	3.00	1	03/20/2025 03:27	WG2472638
(S) Toluene-d8	105			80.0-120		03/20/2025 03:27	WG2472638
(S) 4-Bromofluorobenzene	103			77.0-126		03/20/2025 03:27	WG2472638
(S) 1,2-Dichloroethane-d4	123			70.0-130		03/20/2025 03:27	WG2472638

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

Wet Chemistry by Method 9056A

[L1837460-01,02,03,04](#)

Method Blank (MB)

(MB) R4188735-1 03/20/25 00:48

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Chloride	U		0.547	1.00

¹Cp

²Tc

³Ss

L1836486-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1836486-02 03/20/25 01:17 • (DUP) R4188735-3 03/20/25 01:26

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	58.8	58.7	1	0.274		15

⁴Cn

⁵Sr

Laboratory Control Sample (LCS)

(LCS) R4188735-2 03/20/25 00:58

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40.0	40.3	101	80.0-120	

⁶Qc

⁷Gl

L1836486-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1836486-02 03/20/25 01:17 • (MS) R4188735-4 03/20/25 01:36 • (MSD) R4188735-5 03/20/25 01:45

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	40.0	58.8	88.7	88.4	74.8	73.8	1	80.0-120	<u>J6</u>	<u>J6</u>	0.424	15

⁸Al

⁹Sc

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

[L1837460-01,02,03,04,05](#)

Method Blank (MB)

(MB) R4188805-4 03/19/25 22:14

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	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	101			80.0-120
(S) 4-Bromofluorobenzene	102			77.0-126
(S) 1,2-Dichloroethane-d4	115			70.0-130

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

(LCS) R4188805-1 03/19/25 19:52 • (LCSD) R4188805-2 03/19/25 20:16

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	5.00	4.81	5.00	96.2	100	70.0-123			3.87	20
Toluene	5.00	4.82	5.39	96.4	108	79.0-120			11.2	20
Ethylbenzene	5.00	4.74	5.49	94.8	110	79.0-123			14.7	20
Total Xylenes	15.0	14.9	15.9	99.3	106	79.0-123			6.49	20
(S) Toluene-d8				102	102	80.0-120				
(S) 4-Bromofluorobenzene				105	106	77.0-126				
(S) 1,2-Dichloroethane-d4				110	108	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

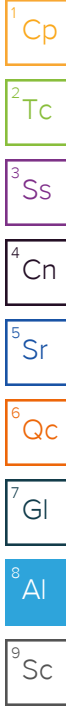
7 GI

8 AI


9 Sc

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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



¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable
 * Not all certifications held by the laboratory are applicable to the results reported in the attached report.
 * Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address: Phillips 66 - Tasman 2620 W. Marland Blvd Hobbs, NM 88240		Billing Information: Steve Weathers 370 17th St, Ste 2500 Denver, CO 80202		Analysis / Container / Preservative		Chain of Custody Page ___ of ___	
Report to: Steve Weathers 806-317-4707		Email To: Stephen.Weathers@p66.com;KStark@tasman-		Pres Chk		 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf	
Project Description: Burton Flats Booster Station		City/State Collected:					
Regulatory Program(DOD,RCRA,DW,etc):		Client Project #		Lab Project #		SDG # 1837460 J136	
Collected by (print): <i>Kendon Stark</i>		Site/Facility ID #		P.O. #			
Collected by (signature): <i>Kendon Stark</i>		Rush? (Lab MUST Be Notified)		Quote #		Acctnum: DCPTASMAN Template: T127771 Prelogin: P1136462 PM: 824 - Chris Ward PB: Shipped Via: FedEX Ground	
Packed on Ice N ___ Y ___		___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day ___ STD TAT		Date Results Needed			
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
MW-1	Grab	GW	NA	3/17/25	09:03	4	X X
MW-2	↓	GW	↓	↓	09:15	4	X X
MW-3	↓	GW	↓	↓	09:24	4	X X
MW-4	↓	GW	↓	↓			
DUPLICATE	↓	GW	↓	↓	NA	4	X X
TRIP BLANK	Grab	GW	NA	3/17/25	NA	1	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 #		4171 6901 6120		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) <i>Kendon Stark</i>		Date:	Time:	Received by: (Signature)		Trip Blank Received: Yes / No 18 HCl / MeOH TBR	
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Temp: °C Bottles Received: If preservation required by Login: Date/Time	
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature)		Date: Time: Hold: Condition: NCF / OK	



ANALYTICAL REPORT

June 30, 2025

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

Phillips 66 - Tasman

Sample Delivery Group: L1872200
 Samples Received: 06/21/2025
 Project Number: 311090017
 Description: Burton Flats Booster Station

Report To: Kendon Stark
 4725 Independence St
 Wheat Ridge, CO 80033

Entire Report Reviewed By:










Mandi Edwards
Project Manager

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Pace Analytical National

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DUPLICATE L1872200-04	8	
TRIP BLANK L1872200-05	9	
Qc: Quality Control Summary	10	
Wet Chemistry by Method 9056A	10	
Volatile Organic Compounds (GC/MS) by Method 8260B	11	
Gl: Glossary of Terms	13	
Al: Accreditations & Locations	14	
Sc: Sample Chain of Custody	15	

MW-1 L1872200-01

Collected by Kaleb Johnston
 Collected date/time 06/20/25 10:12
 Received date/time 06/21/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2544069	10	06/28/25 19:15	06/28/25 19:15	DLH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2546074	1	06/25/25 07:17	06/25/25 07:17	JAH	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

MW-2 L1872200-02

Collected by Kaleb Johnston
 Collected date/time 06/20/25 10:34
 Received date/time 06/21/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2544069	50	06/28/25 19:26	06/28/25 19:26	DLH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2546074	1	06/25/25 07:37	06/25/25 07:37	JAH	Mt. Juliet, TN

MW-3 L1872200-03

Collected by Kaleb Johnston
 Collected date/time 06/20/25 09:49
 Received date/time 06/21/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2544069	10	06/28/25 19:36	06/28/25 19:36	DLH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2547024	1	06/26/25 06:25	06/26/25 06:25	JBE	Mt. Juliet, TN

DUPLICATE L1872200-04

Collected by Kaleb Johnston
 Collected date/time 06/20/25 00:00
 Received date/time 06/21/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2544069	10	06/28/25 19:46	06/28/25 19:46	DLH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2547024	1	06/26/25 06:49	06/26/25 06:49	JBE	Mt. Juliet, TN

TRIP BLANK L1872200-05

Collected by Kaleb Johnston
 Collected date/time 06/20/25 00:00
 Received date/time 06/21/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2547024	1	06/26/25 01:20	06/26/25 01:20	JBE	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.



Mandi Edwards
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Collected date/time: 06/20/25 10:12

L1872200

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	735		5.47	10.0	10	06/28/2025 19:15	WG2544069

1 Cp

2 Tc

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	23.5		0.0941	1.00	1	06/25/2025 07:17	WG2546074
Toluene	U		0.278	1.00	1	06/25/2025 07:17	WG2546074
Ethylbenzene	4.65		0.137	1.00	1	06/25/2025 07:17	WG2546074
Total Xylenes	U		0.174	3.00	1	06/25/2025 07:17	WG2546074
(S) Toluene-d8	107			80.0-120		06/25/2025 07:17	WG2546074
(S) 4-Bromofluorobenzene	95.9			77.0-126		06/25/2025 07:17	WG2546074
(S) 1,2-Dichloroethane-d4	88.1			70.0-130		06/25/2025 07:17	WG2546074

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/20/25 10:34

L1872200

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Chloride	2050		27.4	50.0	50	06/28/2025 19:26	WG2544069

1 Cp

2 Tc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Benzene	U		0.0941	1.00	1	06/25/2025 07:37	WG2546074
Toluene	U		0.278	1.00	1	06/25/2025 07:37	WG2546074
Ethylbenzene	U		0.137	1.00	1	06/25/2025 07:37	WG2546074
Total Xylenes	U		0.174	3.00	1	06/25/2025 07:37	WG2546074
(S) Toluene-d8	105			80.0-120		06/25/2025 07:37	WG2546074
(S) 4-Bromofluorobenzene	93.9			77.0-126		06/25/2025 07:37	WG2546074
(S) 1,2-Dichloroethane-d4	91.4			70.0-130		06/25/2025 07:37	WG2546074

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/20/25 09:49

L1872200

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Chloride	533		5.47	10.0	10	06/28/2025 19:36	WG2544069

1 Cp

2 Tc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Benzene	U		0.0941	1.00	1	06/26/2025 06:25	WG2547024
Toluene	U		0.278	1.00	1	06/26/2025 06:25	WG2547024
Ethylbenzene	U		0.137	1.00	1	06/26/2025 06:25	WG2547024
Total Xylenes	U		0.174	3.00	1	06/26/2025 06:25	WG2547024
(S) Toluene-d8	90.9			80.0-120		06/26/2025 06:25	WG2547024
(S) 4-Bromofluorobenzene	99.9			77.0-126		06/26/2025 06:25	WG2547024
(S) 1,2-Dichloroethane-d4	104			70.0-130		06/26/2025 06:25	WG2547024

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/20/25 00:00

L1872200

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Chloride	768		5.47	10.0	10	06/28/2025 19:46	WG2544069

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Benzene	24.7		0.0941	1.00	1	06/26/2025 06:49	WG2547024
Toluene	U		0.278	1.00	1	06/26/2025 06:49	WG2547024
Ethylbenzene	3.20		0.137	1.00	1	06/26/2025 06:49	WG2547024
Total Xylenes	U		0.174	3.00	1	06/26/2025 06:49	WG2547024
(S) Toluene-d8	91.2			80.0-120		06/26/2025 06:49	WG2547024
(S) 4-Bromofluorobenzene	99.2			77.0-126		06/26/2025 06:49	WG2547024
(S) 1,2-Dichloroethane-d4	99.8			70.0-130		06/26/2025 06:49	WG2547024

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

Collected date/time: 06/20/25 00:00

L1872200

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	06/26/2025 01:20	WG2547024
Toluene	U		0.278	1.00	1	06/26/2025 01:20	WG2547024
Ethylbenzene	U		0.137	1.00	1	06/26/2025 01:20	WG2547024
Total Xylenes	U		0.174	3.00	1	06/26/2025 01:20	WG2547024
(S) Toluene-d8	93.9			80.0-120		06/26/2025 01:20	WG2547024
(S) 4-Bromofluorobenzene	98.6			77.0-126		06/26/2025 01:20	WG2547024
(S) 1,2-Dichloroethane-d4	108			70.0-130		06/26/2025 01:20	WG2547024

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

Wet Chemistry by Method 9056A

L1872200-01,02,03,04

Method Blank (MB)

(MB) R4237963-1 06/28/25 16:10

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Chloride	U		0.547	1.00

1 Cp

2 Tc

3 Ss

L1872179-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1872179-03 06/28/25 17:33 • (DUP) R4237963-3 06/28/25 17:43

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	16.3	16.5	1	0.779		15

4 Cn

5 Sr

L1872612-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1872612-02 06/28/25 20:15 • (DUP) R4237963-6 06/28/25 20:26

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	1.83	1.65	1	10.3		15

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R4237963-2 06/28/25 16:21

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40.0	36.5	91.3	80.0-120	

L1872179-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1872179-03 06/28/25 17:33 • (MS) R4237963-4 06/28/25 17:53 • (MSD) R4237963-5 06/28/25 18:03

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	40.0	16.3	47.6	52.3	78.2	89.8	1	80.0-120	J6		9.35	15

L1872612-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1872612-02 06/28/25 20:15 • (MS) R4237963-7 06/28/25 20:36

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Chloride	40.0	1.83	40.3	96.2	1	80.0-120	

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

[L1872200-01,02](#)

Method Blank (MB)

(MB) R4236030-2 06/25/25 00:46

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	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	88.8			77.0-126
(S) 1,2-Dichloroethane-d4	94.9			70.0-130

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

Laboratory Control Sample (LCS)

(LCS) R4236030-1 06/25/25 00:06

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	5.69	114	70.0-123	
Toluene	5.00	6.02	120	79.0-120	
Ethylbenzene	5.00	5.99	120	79.0-123	
Total Xylenes	15.0	17.8	119	79.0-123	
(S) Toluene-d8			103	80.0-120	
(S) 4-Bromofluorobenzene			90.9	77.0-126	
(S) 1,2-Dichloroethane-d4			91.7	70.0-130	

7 Gl

8 Al

9 Sc

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

L1872200-03,04,05

Method Blank (MB)

(MB) R4236862-2 06/26/25 00:59

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	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	93.5			80.0-120
(S) 4-Bromofluorobenzene	101			77.0-126
(S) 1,2-Dichloroethane-d4	107			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4236862-1 06/25/25 23:33

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	5.41	108	70.0-123	
Toluene	5.00	4.23	84.6	79.0-120	
Ethylbenzene	5.00	4.27	85.4	79.0-123	
Total Xylenes	15.0	12.3	82.0	79.0-123	
(S) Toluene-d8			89.4	80.0-120	
(S) 4-Bromofluorobenzene			96.2	77.0-126	
(S) 1,2-Dichloroethane-d4			105	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
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
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

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

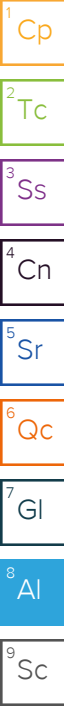
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122


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

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

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

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



Company Name/Address: Phillips 66 - Tasman 4725 Independence St Wheat Ridge, CO 80033				Billing Information: Kendon Stark 4725 Independence St Wheat Ridge, CO 80033				Analysis / Container / Preservative				Chain of Custody Page ___ of ___					
Report to: Kendon Stark 806-317-4707				Email To: kstark@tasman-geo.com				<div style="text-align: center;">  <p>MT JULIET, TN</p> <p>12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf</p> </div>				SDG # L1872200 H181		Acctnum: DCPTASMAN Template: T127771 Prelogin: P1158824 PM: 824 - Chris Ward PB:		Shipped Via: FedEX Ground	
Project Description: Burton Flats Booster Station		City/State Collected:		Please Circle: PT MT CT ET													
Regulatory Program(DOD,RCRA,DW,etc):		Client Project #		Lab Project # DCPTASMAN-BURTONFLAT				Chloride 250mlHDPE-NoPres V8260BTEX 40mlAmb-HCl V8260BTEX 40mlAmb-HCl-Blk		Remarks Sample # (lab only)							
Collected by (print): <i>Kelob Johnston</i>		Site/Facility ID #		P.O. # 4301466728		Quote #						- 01 - 02 - 03 - 04 - 05					
Collected by (signature): <i>Kahl Johnston</i>		Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day <input type="checkbox"/> STD TAT		Date Results Needed		No. of Cntrs		MW-1 MW-2 MW-3 MW-4 DUPLICATE TRIP BLANK									
Immediately Packed on Ice N ___ Y <input checked="" type="checkbox"/>																	
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time	Cntrs										
		Grab	GW	NA	6/20/25	16:12	4										
		Grab	GW		6/20/25	16:34	4										
		Grab	GW		6/20/25	09:49	4										
		Grab ^{KT}	GW		6/20/25 ^{KT}												
		Grab	GW		6/20/25	10:12 ^{KT}	4										
			GW														
			GW		6/20/25		3										
				↓			RM 6/21										

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

Remarks: _____

Samples returned via: UPS FedEx Courier _____ Tracking # **4171 6902 7476**

Relinquished by: (Signature) *Kahl Johnston* Date: **6/20/25** Time: **15:18** Received by: (Signature) _____ Trip Blank Received: **3** Yes/No /MeoH TBR

Relinquished by: (Signature) _____ Date: _____ Time: _____ Received by: (Signature) _____ Temp: **16.1** °C Bottles Received: **16** If preservation required by Login: Date/Time

Relinquished by: (Signature) _____ Date: _____ Time: _____ Received for lab by: (Signature) *[Signature]* Date: **6/21/25** Time: **830** Hold: _____ Condition: NCF **OK**

Sample Receipt Checklist

COC Seal Present/Intact: 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



ANALYTICAL REPORT

September 29, 2025

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

Phillips 66 - Tasman

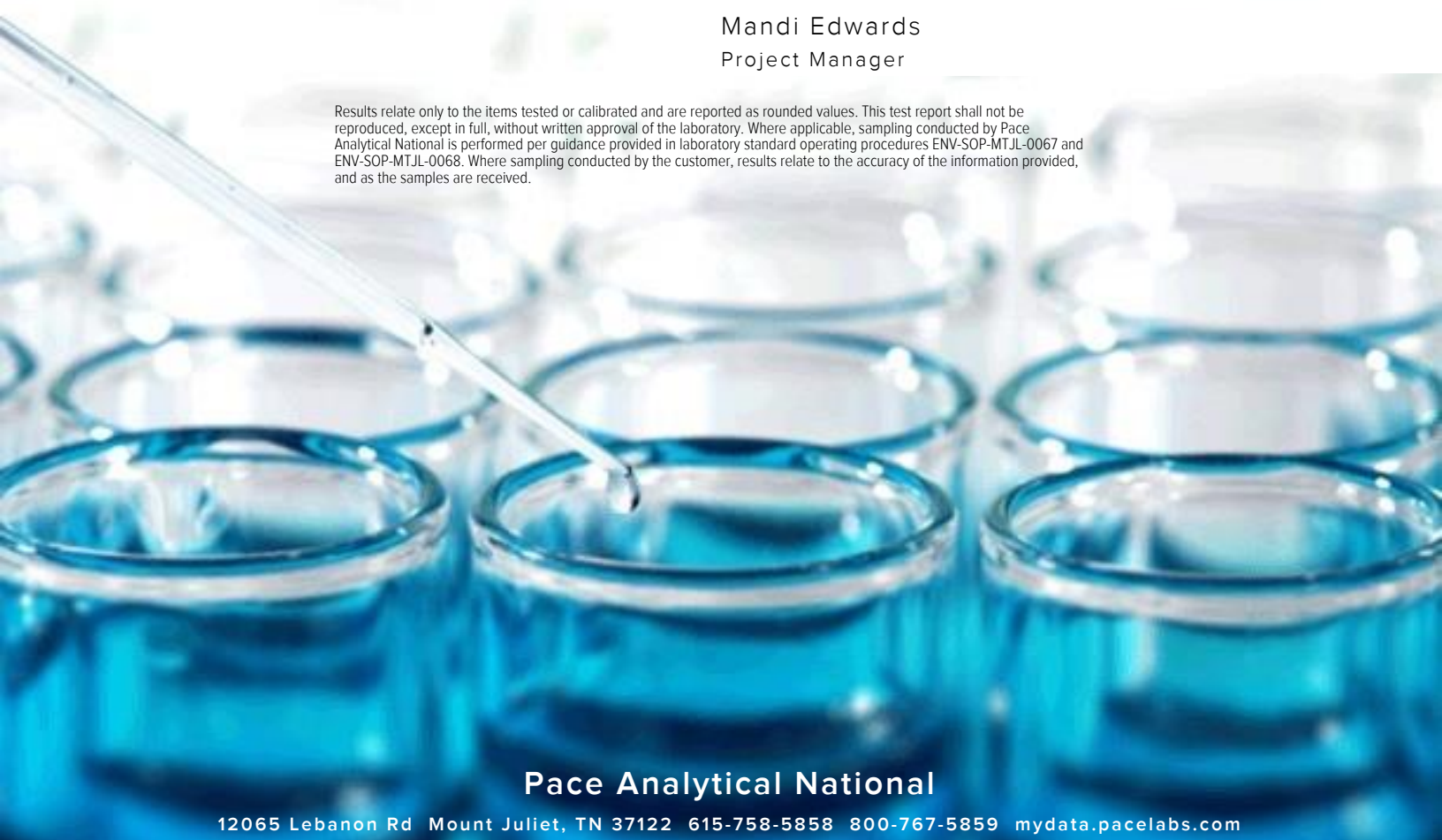
Sample Delivery Group: L1900394
 Samples Received: 09/20/2025
 Project Number: 311090017
 Description: Burton Flats

Report To: Kendon Stark
 4725 Independence St
 Wheat Ridge, CO 80033

Entire Report Reviewed By:

Mandi Edwards
Project Manager

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



Pace Analytical National

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

Cp: Cover Page	1	
Tc: Table of Contents	2	
Ss: Sample Summary	3	
Cn: Case Narrative	4	
Sr: Sample Results	5	
MW-1 L1900394-01	5	
MW-2 L1900394-02	6	
MW-3 L1900394-03	7	
DUPLICATE L1900394-04	8	
Qc: Quality Control Summary	9	
Wet Chemistry by Method 9056A	9	
Volatile Organic Compounds (GC/MS) by Method 8260D	10	
Gl: Glossary of Terms	11	
Al: Accreditations & Locations	12	
Sc: Sample Chain of Custody	13	

MW-1 L1900394-01

Collected by Kaleb Johnston
 Collected date/time 09/19/25 09:41
 Received date/time 09/20/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2605208	50	09/25/25 12:23	09/25/25 12:23	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2605553	1	09/22/25 15:40	09/22/25 15:40	JHH	Mt. Juliet, TN

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

MW-2 L1900394-02

Collected by Kaleb Johnston
 Collected date/time 09/19/25 10:03
 Received date/time 09/20/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2605208	50	09/25/25 12:33	09/25/25 12:33	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2605553	1	09/22/25 16:00	09/22/25 16:00	JHH	Mt. Juliet, TN

MW-3 L1900394-03

Collected by Kaleb Johnston
 Collected date/time 09/19/25 10:15
 Received date/time 09/20/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2605208	10	09/25/25 12:44	09/25/25 12:44	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2605553	1	09/22/25 16:21	09/22/25 16:21	JHH	Mt. Juliet, TN

DUPLICATE L1900394-04

Collected by Kaleb Johnston
 Collected date/time 09/19/25 00:00
 Received date/time 09/20/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2605208	50	09/25/25 12:54	09/25/25 12:54	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2605553	1	09/22/25 16:41	09/22/25 16:41	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.



Mandi Edwards
Project Manager

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

Collected date/time: 09/19/25 09:41

L1900394

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Chloride	644		27.4	50.0	50	09/25/2025 12:23	WG2605208

1 Cp

2 Tc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Benzene	52.3		0.320	1.00	1	09/22/2025 15:40	WG2605553
Toluene	U		0.274	1.00	1	09/22/2025 15:40	WG2605553
Ethylbenzene	33.4		0.234	1.00	1	09/22/2025 15:40	WG2605553
Total Xylenes	3.55		0.319	3.00	1	09/22/2025 15:40	WG2605553
(S) Toluene-d8	95.3			80.0-120		09/22/2025 15:40	WG2605553
(S) 4-Bromofluorobenzene	104			77.0-126		09/22/2025 15:40	WG2605553
(S) 1,2-Dichloroethane-d4	88.9			70.0-130		09/22/2025 15:40	WG2605553

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/19/25 10:03

L1900394

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Chloride	1970		27.4	50.0	50	09/25/2025 12:33	WG2605208

1 Cp

2 Tc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Benzene	U		0.320	1.00	1	09/22/2025 16:00	WG2605553
Toluene	U		0.274	1.00	1	09/22/2025 16:00	WG2605553
Ethylbenzene	U		0.234	1.00	1	09/22/2025 16:00	WG2605553
Total Xylenes	U		0.319	3.00	1	09/22/2025 16:00	WG2605553
(S) Toluene-d8	98.1			80.0-120		09/22/2025 16:00	WG2605553
(S) 4-Bromofluorobenzene	106			77.0-126		09/22/2025 16:00	WG2605553
(S) 1,2-Dichloroethane-d4	88.6			70.0-130		09/22/2025 16:00	WG2605553

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/19/25 10:15

L1900394

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	448		5.47	10.0	10	09/25/2025 12:44	WG2605208

1 Cp

2 Tc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.320	1.00	1	09/22/2025 16:21	WG2605553
Toluene	U		0.274	1.00	1	09/22/2025 16:21	WG2605553
Ethylbenzene	U		0.234	1.00	1	09/22/2025 16:21	WG2605553
Total Xylenes	U		0.319	3.00	1	09/22/2025 16:21	WG2605553
(S) Toluene-d8	98.3			80.0-120		09/22/2025 16:21	WG2605553
(S) 4-Bromofluorobenzene	106			77.0-126		09/22/2025 16:21	WG2605553
(S) 1,2-Dichloroethane-d4	88.4			70.0-130		09/22/2025 16:21	WG2605553

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/19/25 00:00

L1900394

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Chloride	740		27.4	50.0	50	09/25/2025 12:54	WG2605208

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Benzene	48.3		0.320	1.00	1	09/22/2025 16:41	WG2605553
Toluene	U		0.274	1.00	1	09/22/2025 16:41	WG2605553
Ethylbenzene	28.1		0.234	1.00	1	09/22/2025 16:41	WG2605553
Total Xylenes	3.13		0.319	3.00	1	09/22/2025 16:41	WG2605553
(S) Toluene-d8	95.7			80.0-120		09/22/2025 16:41	WG2605553
(S) 4-Bromofluorobenzene	103			77.0-126		09/22/2025 16:41	WG2605553
(S) 1,2-Dichloroethane-d4	89.3			70.0-130		09/22/2025 16:41	WG2605553

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

Wet Chemistry by Method 9056A

[L1900394-01,02,03,04](#)

Method Blank (MB)

(MB) R4278775-2 09/25/25 10:50

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Chloride	U		0.547	1.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1900392-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1900392-01 09/25/25 11:11 • (DUP) R4278775-9 09/25/25 11:21

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	8.00	8.04	1	0.541		15

⁷Gl

⁸Al

⁹Sc

L1900392-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1900392-02 09/25/25 11:52 • (DUP) R4278775-12 09/25/25 12:02

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	9.17	9.37	1	2.17		15

Laboratory Control Sample (LCS)

(LCS) R4278775-16 09/25/25 11:01

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40.0	33.0	82.5	80.0-120	

L1900392-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1900392-01 09/25/25 11:11 • (MS) R4278775-10 09/25/25 11:32 • (MSD) R4278775-11 09/25/25 11:42

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	40.0	8.00	37.3	45.4	73.2	93.5	1	80.0-120	<u>J6</u>	<u>J3</u>	19.7	15

L1900392-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1900392-02 09/25/25 11:52 • (MS) R4278775-13 09/25/25 12:13

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Chloride	40.0	9.17	47.1	94.8	1	80.0-120	

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

[L1900394-01,02,03,04](#)

Method Blank (MB)

(MB) R4277338-2 09/22/25 07:47

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.320	1.00
Toluene	U		0.274	1.00
Ethylbenzene	U		0.234	1.00
Total Xylenes	U		0.319	3.00
(S) Toluene-d8	97.3			80.0-120
(S) 4-Bromofluorobenzene	103			77.0-126
(S) 1,2-Dichloroethane-d4	85.0			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4277338-1 09/22/25 07:06

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	10.0	9.13	91.3	70.0-123	
Toluene	10.0	8.68	86.8	79.0-120	
Ethylbenzene	10.0	8.39	83.9	79.0-123	
Total Xylenes	30.0	26.3	87.7	79.0-123	
(S) Toluene-d8			96.8	80.0-120	
(S) 4-Bromofluorobenzene			106	77.0-126	
(S) 1,2-Dichloroethane-d4			85.5	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
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.

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

Qualifier	Description
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

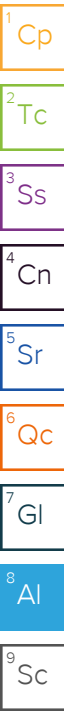
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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.





ANALYTICAL REPORT

December 29, 2025

Revised Report

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

Tasman Geosciences- Broomfield, CO

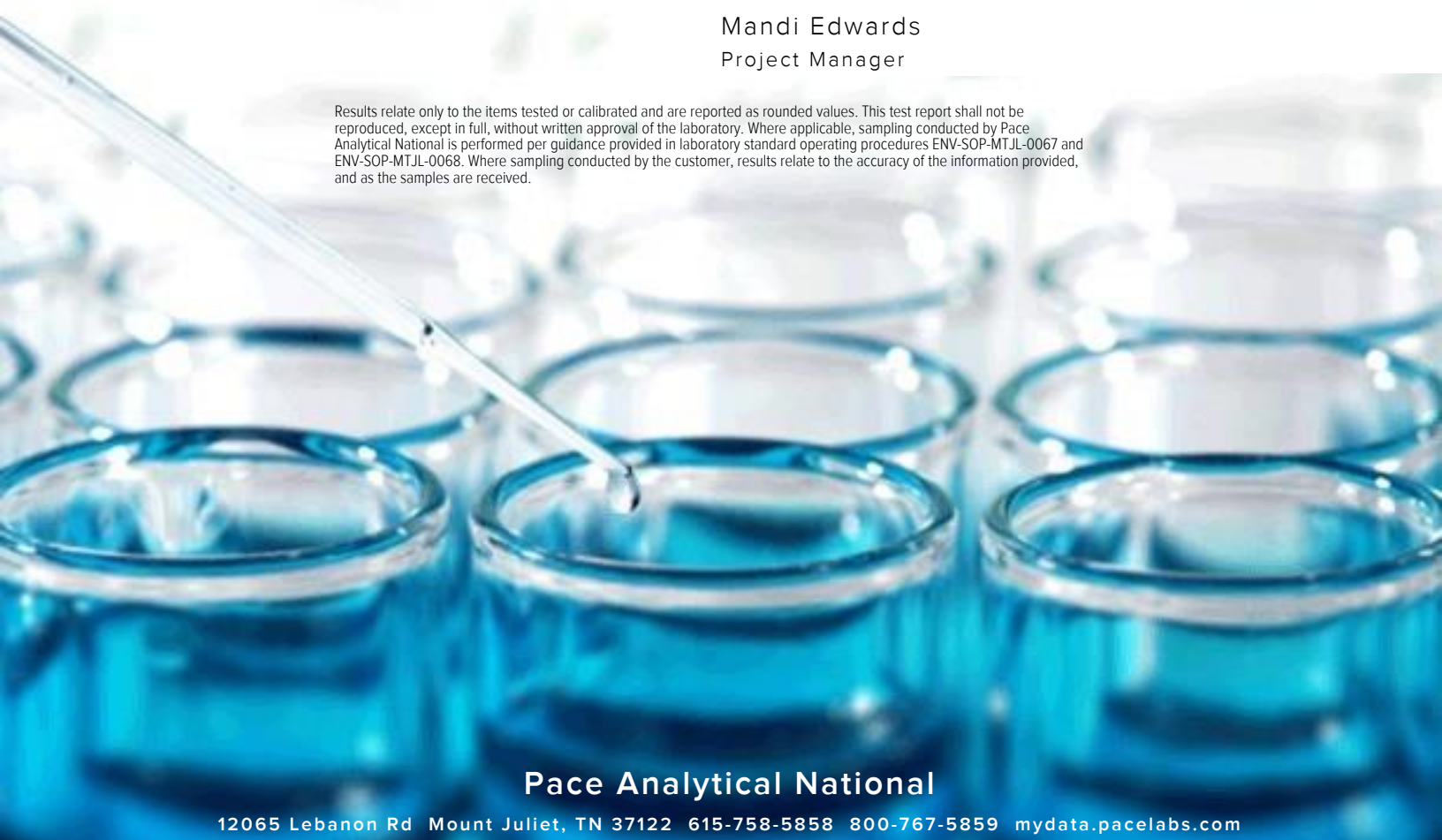
Sample Delivery Group: L1928854
 Samples Received: 12/17/2025
 Project Number: 311090017
 Description: Burton Flats Booster Station

Report To: Brett Dennis
 4725 Independence St
 Wheat Ridge, NM 88240

Entire Report Reviewed By:










Mandi Edwards
Project Manager

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



Pace Analytical National

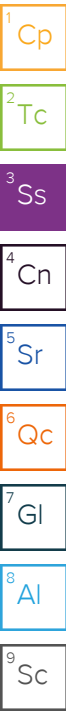
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

Cp: Cover Page	1	
Tc: Table of Contents	2	
Ss: Sample Summary	3	
Cn: Case Narrative	4	
Sr: Sample Results	5	
MW-1 L1928854-01	5	
MW-2 L1928854-02	6	
MW-3 L1928854-03	7	
MW-4 L1928854-04	8	
DUPLICATE L1928854-05	9	
TB L1928854-06	10	
Qc: Quality Control Summary	11	
Wet Chemistry by Method 9056A	11	
Volatile Organic Compounds (GC/MS) by Method 8260D	13	
Gl: Glossary of Terms	15	
Al: Accreditations & Locations	16	
Sc: Sample Chain of Custody	17	

MW-1 L1928854-01

Collected by Kendon Stark
 Collected date/time 12/16/25 09:35
 Received date/time 12/17/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2661130	10	12/18/25 23:31	12/18/25 23:31	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2661805	1	12/19/25 02:18	12/19/25 02:18	JAH	Mt. Juliet, TN



MW-2 L1928854-02

Collected by Kendon Stark
 Collected date/time 12/16/25 09:58
 Received date/time 12/17/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2660249	50	12/19/25 16:40	12/19/25 16:40	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2661805	1	12/19/25 02:38	12/19/25 02:38	JAH	Mt. Juliet, TN

MW-3 L1928854-03

Collected by Kendon Stark
 Collected date/time 12/16/25 10:15
 Received date/time 12/17/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2660249	10	12/19/25 16:50	12/19/25 16:50	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2661805	1	12/19/25 02:57	12/19/25 02:57	JAH	Mt. Juliet, TN

MW-4 L1928854-04

Collected by Kendon Stark
 Collected date/time 12/16/25 10:44
 Received date/time 12/17/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2660249	50	12/19/25 17:01	12/19/25 17:01	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2664407	10	12/24/25 03:05	12/24/25 03:05	DWR	Mt. Juliet, TN

DUPLICATE L1928854-05

Collected by Kendon Stark
 Collected date/time 12/16/25 00:00
 Received date/time 12/17/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2660249	10	12/19/25 17:11	12/19/25 17:11	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2661805	1	12/19/25 03:17	12/19/25 03:17	JAH	Mt. Juliet, TN

TB L1928854-06

Collected by Kendon Stark
 Collected date/time 12/16/25 00:00
 Received date/time 12/17/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2661805	1	12/19/25 01:19	12/19/25 01:19	JAH	Mt. Juliet, TN

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



Mandi Edwards
Project Manager

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

Report Revision History

Level II Report - Version 1: 12/26/25 11:35

Project Narrative

12/26/25

Collected date/time: 12/16/25 09:35

L1928854

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	796000		10000	10	12/18/2025 23:31	WG2661130

1 Cp

2 Tc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	20.5		1.00	1	12/19/2025 02:18	WG2661805
Toluene	ND		1.00	1	12/19/2025 02:18	WG2661805
Ethylbenzene	14.8		1.00	1	12/19/2025 02:18	WG2661805
Total Xylenes	ND		3.00	1	12/19/2025 02:18	WG2661805
(S) Toluene-d8	99.1		80.0-120		12/19/2025 02:18	WG2661805
(S) 4-Bromofluorobenzene	90.0		77.0-126		12/19/2025 02:18	WG2661805
(S) 1,2-Dichloroethane-d4	104		70.0-130		12/19/2025 02:18	WG2661805

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 12/16/25 09:58

L1928854

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	1990000		50000	50	12/19/2025 16:40	WG2660249

1 Cp

2 Tc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	12/19/2025 02:38	WG2661805
Toluene	ND		1.00	1	12/19/2025 02:38	WG2661805
Ethylbenzene	ND		1.00	1	12/19/2025 02:38	WG2661805
Total Xylenes	ND		3.00	1	12/19/2025 02:38	WG2661805
(S) Toluene-d8	101		80.0-120		12/19/2025 02:38	WG2661805
(S) 4-Bromofluorobenzene	88.6		77.0-126		12/19/2025 02:38	WG2661805
(S) 1,2-Dichloroethane-d4	108		70.0-130		12/19/2025 02:38	WG2661805

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 12/16/25 10:15

L1928854

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	456000		10000	10	12/19/2025 16:50	WG2660249

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

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	12/19/2025 02:57	WG2661805
Toluene	ND		1.00	1	12/19/2025 02:57	WG2661805
Ethylbenzene	ND		1.00	1	12/19/2025 02:57	WG2661805
Total Xylenes	ND		3.00	1	12/19/2025 02:57	WG2661805
(S) Toluene-d8	99.2		80.0-120		12/19/2025 02:57	WG2661805
(S) 4-Bromofluorobenzene	87.1		77.0-126		12/19/2025 02:57	WG2661805
(S) 1,2-Dichloroethane-d4	109		70.0-130		12/19/2025 02:57	WG2661805

Collected date/time: 12/16/25 10:44

L1928854

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	4120000		50000	50	12/19/2025 17:01	WG2660249

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	134		10.0	10	12/24/2025 03:05	WG2664407
Toluene	ND		10.0	10	12/24/2025 03:05	WG2664407
Ethylbenzene	394		10.0	10	12/24/2025 03:05	WG2664407
Total Xylenes	729		30.0	10	12/24/2025 03:05	WG2664407
(S) Toluene-d8	97.4		80.0-120		12/24/2025 03:05	WG2664407
(S) 4-Bromofluorobenzene	103		77.0-126		12/24/2025 03:05	WG2664407
(S) 1,2-Dichloroethane-d4	98.0		70.0-130		12/24/2025 03:05	WG2664407

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

Collected date/time: 12/16/25 00:00

L1928854

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	791000		10000	10	12/19/2025 17:11	WG2660249

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	23.5		1.00	1	12/19/2025 03:17	WG2661805
Toluene	ND		1.00	1	12/19/2025 03:17	WG2661805
Ethylbenzene	17.6		1.00	1	12/19/2025 03:17	WG2661805
Total Xylenes	ND		3.00	1	12/19/2025 03:17	WG2661805
(S) Toluene-d8	98.1		80.0-120		12/19/2025 03:17	WG2661805
(S) 4-Bromofluorobenzene	91.3		77.0-126		12/19/2025 03:17	WG2661805
(S) 1,2-Dichloroethane-d4	106		70.0-130		12/19/2025 03:17	WG2661805

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

Collected date/time: 12/16/25 00:00

L1928854

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	12/19/2025 01:19	WG2661805
Toluene	ND		1.00	1	12/19/2025 01:19	WG2661805
Ethylbenzene	ND		1.00	1	12/19/2025 01:19	WG2661805
Total Xylenes	ND		3.00	1	12/19/2025 01:19	WG2661805
(S) Toluene-d8	100		80.0-120		12/19/2025 01:19	WG2661805
(S) 4-Bromofluorobenzene	89.7		77.0-126		12/19/2025 01:19	WG2661805
(S) 1,2-Dichloroethane-d4	108		70.0-130		12/19/2025 01:19	WG2661805

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

Wet Chemistry by Method 9056A

[L1928854-02.03.04.05](#)

Method Blank (MB)

(MB) R4316971-1 12/19/25 12:23

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Chloride	U		547	1000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1928472-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1928472-04 12/19/25 12:54 • (DUP) R4316971-3 12/19/25 13:04

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	35700	36100	1	1.25		15

L1928472-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1928472-09 12/19/25 14:06 • (DUP) R4316971-5 12/19/25 14:16

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	377000	389000	5	3.00		15

Laboratory Control Sample (LCS)

(LCS) R4316971-2 12/19/25 12:33

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40000	41600	104	80.0-120	

L1928472-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1928472-04 12/19/25 12:54 • (MS) R4316971-4 12/19/25 13:14

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Chloride	40000	35700	71000	88.3	1	80.0-120	

L1928472-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1928472-09 12/19/25 14:06 • (MS) R4316971-6 12/19/25 14:26 • (MSD) R4316971-7 12/19/25 14:37

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	40000	377000	325000	314000	0.000	0.000	5	80.0-120	∨	∨	3.64	15

Wet Chemistry by Method 9056A

[L1928854-01](#)

Method Blank (MB)

(MB) R4316481-1 12/18/25 23:11

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Chloride	U		547	1000

¹Cp

²Tc

³Ss

Laboratory Control Sample (LCS)

(LCS) R4316481-2 12/18/25 23:21

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40000	37000	92.4	80.0-120	

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

L1928854-01,02,03,05,06

Method Blank (MB)

(MB) R4317542-2 12/18/25 23:49

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.320	1.00
Toluene	U		0.274	1.00
Ethylbenzene	U		0.234	1.00
Total Xylenes	U		0.319	3.00
(S) Toluene-d8	102			80.0-120
(S) 4-Bromofluorobenzene	88.8			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4317542-1 12/18/25 22:50

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	10.0	10.5	105	70.0-123	
Toluene	10.0	10.1	101	79.0-120	
Ethylbenzene	10.0	10.0	100	79.0-123	
Total Xylenes	30.0	31.1	104	79.0-123	
(S) Toluene-d8			98.4	80.0-120	
(S) 4-Bromofluorobenzene			93.1	77.0-126	
(S) 1,2-Dichloroethane-d4			107	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

[L1928854-04](#)

Method Blank (MB)

(MB) R4318713-3 12/23/25 21:50

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.320	1.00
Toluene	U		0.274	1.00
Ethylbenzene	U		0.234	1.00
Total Xylenes	U		0.319	3.00
(S) Toluene-d8	97.2			80.0-120
(S) 4-Bromofluorobenzene	99.6			77.0-126
(S) 1,2-Dichloroethane-d4	107			70.0-130

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

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

(LCS) R4318713-1 12/23/25 20:07 • (LCSD) R4318713-2 12/23/25 20:28

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	10.0	10.4	10.3	104	103	70.0-123			0.966	20
Toluene	10.0	9.79	9.52	97.9	95.2	79.0-120			2.80	20
Ethylbenzene	10.0	9.88	9.63	98.8	96.3	79.0-123			2.56	20
Total Xylenes	30.0	31.4	30.1	105	100	79.0-123			4.23	20
(S) Toluene-d8				95.3	94.8	80.0-120				
(S) 4-Bromofluorobenzene				102	101	77.0-126				
(S) 1,2-Dichloroethane-d4				110	108	70.0-130				

⁷ Gl

⁸ Al

⁹ Sc

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

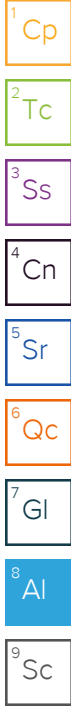
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
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.

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

Qualifier	Description
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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



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

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

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

Company Name/Address:
Tasman Geosciences- Broomfield, CO
 4725 Independence St
 Wheat Ridge, NM 88240

Billing Information:
 Steve Weathers
 4725 Independence St
 Wheat Ridge, CO 80033

Report to:
Brett Dennis 720-218-4003

Email To:
 jessica.carr@pacelabs.com;mandi.edwards@pa

Project Description:
Burton Flats Booster Station

City/State Collected:
 Please Circle:
 PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):
311090017

Client Project #
311090017

Lab Project #
TASGEOACO-BURTONFLAT

Collected by (print):
Kendon Stark

Site/Facility ID #

P.O. #
4301466728

Collected by (signature):

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

Quote #

Date Results Needed

Immediately Packed on Ice N ___ Y ___

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
MW-1	Grab	GW	NA	12/16/25	0935	3 ₄ X X
MW-2	↓	GW	↓	↓	0958	3 ₄ X X
MW-3	↓	GW	↓	↓	1015	3 ₄ X X
MW-4	↓	GW	↓	↓	1044	3 ₄ X X
DUPLICATE	↓	GW	↓	↓	-	3 ₄ X X
TB	↓	GW	↓	↓	-	3 ₁ X X
		GW				3 X X

Analysis / Container / Preservative

Pres Chk

V8260BTEX 40m/Amb-HCl
 Chloride 125mL/HOPE-NOPres

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 # **1928854**

F097

Acctnum: **TASGEOACO**
 Template: **T284762**
 Prelogin: **P1191889**
 PM: **4335 - Mandi Edwards**
 PB: **KB 11/21**

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 # **60331 2240 9025**

Sample Receipt Checklist

COC Seal Present/Intact: 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: 12/16/25	Time: 16:00	Received by: (Signature)	Trip Blank Received: Yes/No 1 HCl/MeOH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C 11.90-11.0-0.7 Bottles Received: 20
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) 	Date: 12/17/25 Time: 9:00 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

Action 563475

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 563475
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Report accepted for record.	3/23/2026
amaxwell	Continue quarterly groundwater monitoring and sampling at the monitoring locations illustrated on Figure 2	3/23/2026
amaxwell	Resume quarterly EFR events at monitor well MW-4 to recover free phase and dissolved phase hydrocarbons	3/23/2026
amaxwell	Submit C-141N sampling notifications prior to all sampling and monitoring events.	3/23/2026