# 2024 Annual Groundwater Monitoring and Activities Summary Report

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

Prepared for:



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# 1. Introduction

This report summarizes groundwater monitoring and remediation activities conducted during 2024 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 21, June 20, September 26, and December 16, 2024.

# 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 around and down-gradient from the release area 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 (4) 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 2024 calendar year. Quarterly monitoring activities were conducted on March 21, June 20, September 26, and December 16, 2024, 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 2024, groundwater levels were measured at four Site monitoring 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 2024 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 shifting from northwest to northeast. 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.

| Quarter                                       | 1st      | 2nd      | 3rd      | 4th      |
|---|----------|----------|----------|----------|
| Maximum Elevation                             | 3,176.84 | 3,176.47 | 3,176.00 | 3,176.00 |
| (Well ID)                                     | (MW-3)   | (MW-3)   | (MW-3)   | (MW-3)   |
| Minimum Elevation                             | 3,174.01 | 3,172.40 | 3,171.79 | 3,172.93 |
| (Well ID)                                     | (MW-4)   | (MW-4)   | (MW-4)   | (MW-4)   |
| Potentiometric Surface<br>Average Change (ft) | 0.24     | -0.10    | -0.65    | 0.08     |
| Hydraulic Gradient<br>(ft/ft)                 | 0.025    | 0.036    | 0.037    | 0.027    |

### **Summary of Measured Hydraulic Parameters**

\* 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 2024 calendar year which is consistent with historical data since 2015. LNAPL thickness at monitor well MW-4 ranged from 0.55 feet during the December monitoring event to 1.70 feet during the September monitoring event.

## 3.2 Groundwater Quality Monitoring

Subsequent to recording groundwater level measurements at each of the quarterly monitoring events during 2024, 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 monitoring 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. However, in the first quarter, a sample was collected from MW-4 in order 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 (°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 2024 reporting period. Historical laboratory analytical results up to and including the December 2024 event are provided in Appendix A, and the laboratory analytical report for the previous four quarters are included in Appendix B. The laboratory analytical results are displayed on Figure 4 and NMOCD sampling notifications are included as Appendix C.

## 3.2.1 1<sup>st</sup> Quarter Data Evaluation

The 1<sup>st</sup> Quarter 2024 field observations and analytical results for samples collected from MW-1 through MW-4 indicate the following:

- Benzene was not detected in exceedance of the New Mexico Quality Control Commission (NMWQCC) groundwater standard of 0.010 milligrams per liter (mg/L) at any of the sampled wells.
- Toluene was not detected above the laboratory reported detection limit (RDL) in any of the sampled Site monitoring wells.
- Ethylbenzene was detected above the NMWQCC standards of 0.70 mg/L in MW-4 (1.07 mg/L).
- Total Xylenes was detected above the NMWQCC standard of 0.62 mg/L in MW-4 (2.24 mg/L).
- Chlorides were detected at concentrations greater than the NMWQCC secondary maximum contaminant level (MCL) guideline of 250 mg/L at all sampled monitoring well locations with concentrations ranging from 3,530 mg/L at monitor well MW-4 to 461 mg/L at monitor well MW-3.

### 3.2.2 2<sup>nd</sup> Quarter Data Evaluation

The 2<sup>nd</sup> Quarter 2024 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 in exceedance of any of their respective NMWQCC groundwater standards at any of the sampled 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 462 mg/L at monitor well MW-3 to 2,250 mg/L at monitor well MW-2.



## 3.2.3 3<sup>rd</sup> Quarter Data Evaluation

The 3<sup>rd</sup> Quarter 2024 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 in exceedance of any of their respective NMWQCC groundwater standards at any of the sampled 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 531 mg/L at monitor well MW-3 to 2,580 mg/L at monitor well MW-2.

## 3.2.4 4<sup>th</sup> Quarter Data Evaluation

The 4<sup>th</sup> Quarter 2024 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 in exceedance of any of their respective NMWQCC groundwater standards at any of the sampled 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 579 mg/L at monitor well MW-3 to 2,140 mg/L at monitor well MW-2.

## 3.3 Data Quality Assurance / Quality Control

A field duplicate sample (MW-1) was collected during the 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 2024 include the following:

- Target analytes were not detected above laboratory detection limits in the trip blank.
- During each quarter of 2024, parent samples gathered from MW-1 and their associated duplicates exhibited concentrations of benzene. In compliance with QA/QC, each quarter's Relative Percent Difference (RPD) is listed below:



| Quarter | Parent Sample (mg/L) | Duplicate Sample (mg/L) | RPD   |
|---------|----------------------|-------------------------|-------|
| 1st     | <0.00100             | 0.00207                 | N/A   |
| 2nd     | 0.000717 J           | 0.000602 J              | 17.43 |
| 3rd     | 0.000176 J           | <0.00100                | N/A   |
| 4th     | <0.00100             | <0.00100                | N/A   |

• Subsequent to collection of groundwater samples during all four quarters of 2024, 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.

Duplicate samples collected in the second quarter 2024 yielded RPD values within the 20% target range. Other duplicate sample results were inconclusive due to one or both samples being below laboratory reported detection limits. The QA/QC assessment indicates that overall data precision and accuracy are within acceptable limits.

# 4. Remediation Activities

Remediation activities conducted during the 2024 reporting period include vacuum enhanced fluid recovery (EFR) activities. EFR events were initiated in December 2014 and began on a routine frequency at monitoring wells MW-1 and MW-4; However, beginning in 1<sup>st</sup> quarter 2023, EFR events have been discontinued at MW-1 to determine its effectiveness on dissolved phase hydrocarbon abatement. EFR events are scheduled to continue, pending observation of the effectiveness of the effort in addressing persistent free phase and dissolved phase petroleum hydrocarbons on-Site.

EFR events were conducted at the site on March 21, June 19, September 26, and December 17, 2024. Each event included application of high vacuum (utilizing a vacuum truck) at MW-4 through flexible hosing inserted into the well. The stingers were placed slightly below the current groundwater level to facilitate removal of groundwater, LNAPL, and vapors from the subsurface. A total of 708 barrels (bbls) have been recovered since EFR events commenced in 2014. The volumes recovered during 2024 events are below.

| Date         | Volume (bbls) |
|--------------|---------------|
| March 21     | 4             |
| June 19      | 15            |
| September 26 | 10            |
| December 17  | 3             |

A passive LNAPL skimmer was installed in MW-4 in an effort to collect and dispose of free-phase liquids in between groundwater sampling and EFR events. Throughout the 2024 calendar year the passive bailer did not collect any product from the well. This could be due to the hydrophobic screen no longer functioning properly.



# 5. Conclusions

Evaluation of the 2024 monitoring data and historical information provides the following general observations:

- Groundwater elevations at the Site indicated an overall decrease compared to the levels that were observed during the 4<sup>th</sup> Quarter 2023 with an average decrease of 0.15 ft per monitoring well across all four quarters of 2024.
- LNAPL was observed at monitoring well MW-4 during the 2024 monitoring period. The presence of LNAPL at this location has historically fluctuated since 2015.
- The 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 monitoring wells.

# 6. Recommendations

Based on evaluation of 2024 and historical Site monitoring results, recommendations for future activities include:

- Continue quarterly groundwater monitoring and sampling at the monitoring locations illustrated on Figure 2.
- Replace the passive skimmer located at monitor well MW-4.
- Pause quarterly EFR events to evaluate effectiveness. Reinitiation will be assessed on a quarterly basis.

Tables

### TABLE 1 ANNUAL 2024 SUMMARY OF GROUNDWATER ELEVATION DATA BURTON FLATS BOOSTER STATION EDDY COUNTY, NEW MEXICO

| Location | Date   | Depth to<br>Groundwater<br>(feet) | Depth to<br>Product<br>(feet) | Free Phase<br>Hydrocarbon<br>Thickness<br>(LNAPL)<br>(feet) | Total Depth<br>(feet) | TOC Elevation<br>(feet amsl) (2) | Groundwater<br>Elevation (*)<br>(feet amsl) | Change in<br>Groundwater<br>Elevation Since<br>Previous Event <sup>1</sup><br>(feet) |
|----------|--|-----------------------------------|-------------------------------|---|-----------------------|----------------------------------|---|--|
| MW-1     | 3/21/2024  | 22.12                             |                               |   | 34.33                 | 3,197.65                         | 3,175.53                                    | 0.09   |
| MW-1     | 6/20/2024  | 22.66                             |                               |   | 34.33                 | 3,197.65                         | 3,174.99                                    | -0.54  |
| MW-1     | 9/26/2024  | 23.91                             |                               |   | 34.33                 | 3,197.65                         | 3,173.74                                    | -1.25  |
| MW-1     | 12/16/2024   | 22.89                             |                               |   | 34.33                 | 3,197.65                         | 3,174.76                                    | 1.02   |
|          |  |                                   |                               |   |                       |                                  |   |  |
| MW-2     | 3/21/2024  | 23.31                             |                               |   | 32.85                 | 3,200.00                         | 3,176.69                                    | 0.07   |
| MW-2     | 6/20/2024  | 23.78                             |                               |   | 32.85                 | 3,200.00                         | 3,176.22                                    | -0.47  |
| MW-2     | 9/26/2024  | 24.06                             |                               |   | 32.85                 | 3,200.00                         | 3,175.94                                    | -0.28  |
| MW-2     | 12/16/2024   | 24.02                             |                               |   | 32.85                 | 3,200.00                         | 3,175.98                                    | 0.04   |
| MUV 2    | 2/21/2024  | 24.00                             | <b></b>                       | 1   | 24.11                 | 2 200 84                         | 2 176 94                                    | 0.14   |
| MW-3     | 3/21/2024  | 24.00                             |                               |   | 34.11                 | 3,200.84                         | 3,170.84                                    | 0.14   |
| MW-3     | 6/20/2024  | 24.37                             |                               |   | 34.11                 | 3,200.84                         | 3,176.47                                    | -0.37  |
| MW-3     | 9/26/2024  | 24.84                             |                               |   | 34.11                 | 3,200.84                         | 3,176.00                                    | -0.47  |
| MW-3     | 12/16/2024   | 24.84                             |                               |   | 34.11                 | 3,200.84                         | 3,176.00                                    | 0.00   |
|          | I  |                                   |                               | -   |                       |                                  |   |  |
| MW-4     | 3/21/2024  | 26.97                             | 26.26                         | 0.71  | 33.08                 | 3,200.98                         | 3,174.01                                    | 0.66   |
| MW-4     | 6/20/2024  | 28.58                             | 27.33                         | 1.25  | 33.08                 | 3,200.98                         | 3,172.40                                    | -1.61  |
| MW-4     | 9/26/2024  | 29.19                             | 27.49                         | 1.70  | 33.08                 | 3,200.98                         | 3,171.79                                    | -0.61  |
| MW-4     | 12/16/2024   | 28.05                             | 27.50                         | 0.55  | 33.08                 | 3,200.98                         | 3,172.93                                    | 1.14   |
|          | Average change in groundwater elevation (9/26/2024 to 12/16/2024) 0.55 |                                   |                               |   |                       |                                  |   |  |

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.

amsl = feet above mean sea level

TOC = top of casing

LNAPL - Light non-aqueous phase liquid

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

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

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

LNAPL relative density was calculated to be approximately 0.792 grams per cubic centimeter (g/cm<sup>3</sup>)

NM = Not measured.

NC= Not calculated.

### TABLE 2 ANNUAL 2024 SUMMARY OF BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER BURTON FLATS BOOSTER STATION EDDY COUNTY, NEW MEXICO

|                         |             |                     | -                 |                        | Total             | <i>a</i>            |                            |
|-------------------------|-------------|---------------------|-------------------|------------------------|-------------------|---------------------|----------------------------|
| Location Identification | Sampla Data | Benzene<br>(mg/l)   | Toluene<br>(mg/l) | Ethylbenzene<br>(mg/l) | Xylenes<br>(mg/l) | Chlorides<br>(mg/l) | Commonts                   |
| NMWOCC Crowndwater      | Sample Date | (ing/i)             | (ing/i)           | (mg/l)                 | (ing/i)           | (mg/i)              | Comments                   |
| Standards (mg/L)        |             | 0.010               | 1.00              | 0.70                   | 0.62              | 250                 |                            |
| 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                 | Dapare Sampe Concerce      |
| 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                 | 1 1                        |
| 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         | <b>697</b>          |                            |
| 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 2                    | 2/21/2024   | <0.00100            | <0.00100          | <0.00100               | <0.00200          | 1 750               |                            |
| MW 2                    | 6/20/2024   | <0.00100            | <0.00100          | <0.00100               | <0.00300          | 2,250               |                            |
| MW 2                    | 0/26/2024   | <0.00100            | <0.00100          | <0.00100               | <0.00300          | 2,230               |                            |
| MW-2                    | 12/16/2024  | <0.00100            | <0.00100          | <0.00100               | <0.00300          | 2,300               |                            |
| 11111-2                 | 12/10/2024  | <0.00100            | <0.00100          | <0.00100               | <0.00500          | 2,140               |                            |
| 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-4                    | 3/21/2024   | < 0.00500           | < 0.00500         | 1.07                   | 2.24              | 3,530               |                            |
| MW-4                    | 6/20/2024   |                     | N                 | ot Sampled - LNA       | APL               |                     |                            |
| MW-4                    | 9/26/2024   | Not Sampled - LNAPL |                   |                        |                   |                     |                            |
| MW-4                    | 12/16/2024  |                     | N                 | ot Sampled - LNA       | APL               |                     |                            |
| 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                  |                            |

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





















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# Legend

**⊳** ∧

Monitoring Well

 $\times - \times - \times$  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

70 35 ⊐Feet

Analytical Results Map (March 21, 2024)



DRAWN BY:

# Legend

**⊳** ∧

Monitoring Well

 $\times - \times - \times$  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

70 35 ⊐Feet

Analytical Results Map (June 20, 2024)

Second Quarter

![](_page_20_Figure_1.jpeg)

K. Stark

DRAWN BY:

# 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

70 35 ⊐Feet

Analytical Results Map (September 26, 2024)

Third Quarter

![](_page_21_Picture_1.jpeg)

K. Stark

# Legend

Monitoring Well

| × — × — × Property Fence Alignm | ent |
|---------------------------------|-----|
|---------------------------------|-----|

| 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

70 ⊐Feet

Analytical Results Map (December 16, 2024)

Appendix A

Historical Analytical Results

|                          |             | Benzene    | Toluene          | Fthylbenzene     | Total<br>Xylenes   | Chlorides  |                            |
|--------------------------|-------------|------------|------------------|------------------|--------------------|------------|----------------------------|
| Location Identification  | Sample Date | (mg/l)     | (mg/l)           | (mg/l)           | (mg/l)             | (mg/l)     | Comments                   |
| NMWQCC Groundwater       | <b>F C</b>  | 0.01       | 1.00             | 0.70             | 0.62               | 250        |                            |
| Standards (mg/L)         |             | 0.01       | 1.00             | 0.70             | 0.02               | 230        |                            |
| 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   | INAPL      | INAPL            | INAPL            | INAPL              | INAPL      |                            |
| MW-1                     | 12/3/2013   | LNAPL      | LNAPL            | LNAPL            | LNAPL              | LNAPL      |                            |
| MW-1                     | 2/26/2014   | LNAPL      | LNAPL            | LNAPL            | LNAPL              | LNAPL      |                            |
| MW-1                     | 6/2/2014    | LNAPL      | LNAPL            | LNAPL            | LNAPL              | LNAPL      |                            |
| MW-1                     | 9/24/2014   | Thir       | d Quarter 2014 S | Sampling Suspend | led - Regional Flo | ooding     |                            |
| MW-1                     | 12/3/2014   | LNAPL      | LNAPL            | LNAPL            | LNAPL              | LNAPL      |                            |
| MW-1                     | 2/27/2015   | LNAPL      | LNAPL            | LNAPL            | LNAPL              | LNAPL      |                            |
| MW-1                     | 6/2/2015    | LNAPL      | LNAPL            | LNAPL            | LNAPL              | LNAPL      |                            |
| MW-1                     | 8/31/2015   | LNAPL      | LNAPL            | LNAPL            | LNAPL              | LNAPL      |                            |
| MW-1                     | 12/15/2015  | LNAPL      | LNAPL            | LNAPL            | LNAPL              | 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<br>MW 1 (Duplicate) | 12/18/2017  | 0.0204     | <0.0010          | 0.00522          | <0.0030            | 679<br>778 | Duplicate Sample Collected |
| 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        | 1 1                        |
| 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<br>MW 1 (Duplicate) | 9/1//2018   | 0.0115     | <0.0010          | 0.0063           | <0.0030            | <u>668</u> | Duplicate Sample Collected |
| MW 1                     | 12/10/2018  | 0.0103     | <0.0010          | 0.0000           | <0.0030            | 1 180      | Duplicate Sample Collected |
| MW-1 (Duplicate)         | 12/10/2018  | 0.000041 J | <0.0010          | 0.00115          | <0.0030            | 1,100      | Duplicate Sample Concettu  |
| MW-1                     | 3/21/2019   | 0.0018     | <0.0010          | 0.00120          | <0.0030            | 667        | Dunlicate Sample Collected |
| MW-1 (Duplicate)         | 3/21/2019   | 0.0026     | <0.0010          | 0.00144          | <0.0030            | 680        | Buphente Sumple Concette   |
| 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        | 1 1                        |
| 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        | 1 1                        |
| 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 |

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|  |             | Benzene    | Toluene          | Ethylbenzene     | Total<br>Xylenes   | Chlorides  |                               |
|--|-------------|------------|------------------|------------------|--------------------|------------|-------------------------------|
| Location Identification                | Sample Date | (mg/l)     | (mg/l)           | (mg/l)           | (mg/l)             | (mg/l)     | Comments                      |
| NMWQCC Groundwater<br>Standards (mg/L) |             | 0.01       | 1.00             | 0.70             | 0.62               | 250        |                               |
| 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    |
| 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   | 0.000/17 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           | /04        | Duplicate Sample Collected    |
| MW-1 (Duplicate)                       | 9/26/2024   | <0.00100   | <0.00100         | <0.00100         | <0.00300           | 697<br>702 | Deall's de Caracte Calle de l |
| MW-1 (Duplicate)                       | 12/16/2024  | <0.00100   | <0.00100         | <0.00100         | <0.00300           | 703        | Duplicate Sample Collected    |
|  | 10/14/2011  |            | -0.001           | -0.001           | -0.002             | 1 1 5 0    |                               |
| 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   | Thir       | d Quarter 2014 S | Sampling Suspend | led - Regional Flo | ooding     |                               |
| 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    |
| MW-2 (Duplicate)                       | 8/31/2015   | < 0.001    | <0.001           | < 0.001          | < 0.003            | 1,440      | Durlingt much 11 to 1         |
| 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      |                               |

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| Location Identification | Sample Date | Benzene<br>(mg/l) | Toluene<br>(mg/l) | Ethylbenzene<br>(mg/l) | Total<br>Xylenes<br>(mg/l) | Chlorides<br>(mg/l) | Comments                   |
|-------------------------|-------------|-------------------|-------------------|------------------------|----------------------------|---------------------|----------------------------|
| NMWQCC Groundwater      | -           | 0.01              | 1.00              | 0.70                   |                            | 250                 |                            |
| Standards (mg/L)        |             | 0.01              | 1.00              | 0.70                   | 0.62                       | 250                 |                            |
| 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               |                            |
| MM 2                    | 12/14/2011  | <0.001            | <0.001            | <0.001                 | <0.002                     | 426                 |                            |
| NIW -3                  | 12/14/2011  | <0.001            | <0.001            | <0.001                 | <0.003                     | 420                 | Destlinet and 1 11 4 1     |
| 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   | Thi               | rd Quarter 2014   | Sampling Suspend       | led - Regional Flo         | ooding              |                            |
| 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                 |                            |

|  |             | Benzene     | Toluene          | Ethylbenzene     | Total<br>Xylenes   | Chlorides |                            |
|--|-------------|-------------|------------------|------------------|--------------------|-----------|----------------------------|
| Location Identification                | Sample Date | (mg/l)      | (mg/l)           | (mg/l)           | (mg/l)             | (mg/l)    | Comments                   |
| NMWQCC Groundwater<br>Standards (mg/L) |             | 0.01        | 1.00             | 0.70             | 0.62               | 250       |                            |
| 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                                   | 2/22/2022   | <0.00100    | <0.00100         | <0.00100         | <0.00300           | 1990      |                            |
| MW 2                                   | 6/24/2022   | 0.00110     | <0.00119         | <0.00100         | 0.000290 J         | 434       |                            |
| MW 2                                   | 0/24/2022   | <0.00100    | <0.00100         | <0.00100         | <0.00300           | 430       |                            |
| MW 2                                   | 9/19/2022   | <0.00100    | <0.00100         | <0.00100         | <0.00300           | 431       |                            |
| MW 2                                   | 2/16/2022   | <0.000191 J | <0.00100         | <0.00100         | <0.00300           | 430       |                            |
|  | 6/28/2023   | <0.00100    | <0.00100         | <0.00100         | <0.00300           | 442       |                            |
| MW-3                                   | 9/28/2023   | 0.000132.3  | 0.00100          | 0.000269.1       | 0.00948 1          | 407       |                            |
| MW-3                                   | 12/13/2023  | <0.001      | <0.001           | <0.00100         | <0.000948.9        | 414       |                            |
| 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-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                                   | 6/3/2.013   | LNAPL       | LNAPL            | LNAPL            | LNAPL              | LNAPL     |                            |
| MW-4                                   | 9/11/2013   | LNAPL       | LNAPL            | LNAPL            | LNAPL              | LNAPL     |                            |
| 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   | Thi         | d Ouarter 2014 S | Sampling Suspend | led - Regional Flo | oding     |                            |
| 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     |                            |

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| NNWCCG Groundwater<br>Sundards erg. //0.011.000.700.62250NW48712015INAPI.INAPI.INAPI.INAPI.INAPI.NW412720160.580.77INAPI.INAPI.INAPI.MW452120160.580.770.780.7700.7780MW462020160.510.740.541.07.780MW412/20160.370.120.556.420INAPI.(0.30 fee)MW412/20170.140.0730.460.506.420INAPI.(0.30 fee)MW452/20170.1410.0730.7601.127.530INAPI.(0.31 fee)MW492720170.1440.0730.6401.147.530INAPI.(0.31 fee)MW492720170.1410.0730.640INAPI.INAPI.MW412/2018NAPI.INAPI.INAPI.INAPI.INAPI.MW49272018INAPI.INAPI.INAPI.INAPI.INAPI.MW49172018INAPI.INAPI.INAPI.INAPI.INAPI.MW49172019INAPI.INAPI.INAPI.INAPI.INAPI.MW49172019INAPI.INAPI.INAPI.INAPI.INAPI.MW49172019INAPI.INAPI.INAPI.INAPI.INAPI.MW49172019INAPI.INAPI.INAPI.INAPI.INAPI.MW49172020INAPI.INAPI.INAPI.INAPI.  | Location Identification                | Sample Date | Benzene<br>(mg/l) | Toluene<br>(mg/l) | Ethylbenzene<br>(mg/l) | Total<br>Xylenes<br>(mg/l) | Chlorides<br>(mg/l) | Comments   |
|--|--|-------------|-------------------|-------------------|------------------------|----------------------------|---------------------|--|
| MW4         8312015         INAPL         INAPL         INAPL         INAPL         INAPL         INAPL           MW4         1212016         0.58         0.17         0.48         0.90         10.700           MW4         6202016         0.64         0.16         0.64         1.0         7.780           MW4         9262016         0.51         0.14         0.54         1.0         7.780           MW4         12/2016         0.37         0.12         0.56         0.99         7.530           MW4         3/62017         0.14         0.051         0.46         0.50         6.420         INAPL (0.30 feer)           MW4         6/72017         0.141         0.0718         0.766         1.12         7.520         INAPL (0.30 feer)           MW4         9/272017         0.141         0.0118         0.766         1.12         6.450         INAPL (0.18 feer)           MW4         9/272018         INAPL         INAPL         INAPL         INAPL         INAPL         INAPL           MW4         9/172018         INAPL   | NMWQCC Groundwater<br>Standards (mg/L) |             | 0.01              | 1.00              | 0.70                   | 0.62                       | 250                 |  |
| MW4         12/15/2016         UNAPL         UNAPL         INAPL   | MW-4                                   | 8/31/2015   | LNAPL             | LNAPL             | LNAPL                  | LNAPL                      | LNAPL               |  |
| MW-4         6202016         0.88         0.17         0.48         0.90         10.700           MW-4         6202016         0.51         0.14         0.54         1.0         7700           MW-4         1292016         0.51         0.14         0.54         1.0         7700           MW-4         372017         0.37         0.02         0.58         6.370   | MW-4                                   | 12/15/2015  | LNAPL             | LNAPL             | LNAPL                  | LNAPL                      | LNAPL               |  |
| MW-4         0202016         0.46         0.16         0.64         1.2         97.00           MW4         12/92016         0.37         0.12         0.55         0.99         75.30           MW4         36/017         0.37         0.086         0.49         8.8         6.370           MW4         6192017         0.14         0.035         0.46         0.50         6.430         LNAPL (0.30 feet)           MW4         927/2017         0.144         0.035         0.46         0.50         6.430         LNAPL (0.24 feet)           MW4         927/2017         0.143         0.079         0.576         1.12         6.460         TNAPL (0.24 feet)           MW4         927/2018         LXAPL         LXAPL         LXAPL         LXAPL         TLAPL (0.57 feet)           MW4         927/2018         LXAPL         LXAPL         LXAPL         LXAPL         LXAPL         LXAPL           MW4         927/2018         LXAPL         LXAPL         LXAPL         LXAPL         LXAPL           MW4         927/2018         LXAPL         LXAPL         LXAPL         LXAPL         LXAPL           MW4         927/2019         LXAPL         LXAPL         LX  | MW-4                                   | 3/21/2016   | 0.58              | 0.17              | 0.48                   | 0.90                       | 10,700              |  |
| MW-4         926/2016         9.51         0.14         0.54         L.D.         7.59           MW-4         33/2017         0.37         0.27         0.86         0.99         9.8         6.379           MW-4         33/2017         0.14         0.035         0.46         0.50         6.428         LNAPL (0.30 fee)           MW-4         927/2017         0.14         0.0718         0.706         1.12         7.539         LNAPL (0.30 fee)           MW-4         927/2017         0.143         0.0779         6.570         1.12         6.659         LNAPL (0.10 fee)           MW-4         921/2018         LNAPL  | MW-4                                   | 6/20/2016   | 0.46              | 0.16              | 0.64                   | 1.2                        | 9,700               |  |
| MW-4         12/19/2016         0.37         0.12         0.56         0.99         7.530           MW-4         6/19/2017         0.14         0.035         0.46         0.50         6,420           MW-4         9/27/2017         0.14         0.035         0.46         0.50         6,420         LNAPL (0.31 feet)           MW-4         9/27/2017         0.14         0.035         0.467         6,450         LNAPL (0.16 feet)           MW-4         12/18/2017         0.433         0.0979         0.570         1.12         6,450         LNAPL (0.16 feet)           MW-4         12/12/018         LNAPL         LNAPL         LNAPL         LNAPL         LNAPL         LNAPL           MW-4         9/17/2018         LNAPL         <  | MW-4                                   | 9/26/2016   | 0.51              | 0.14              | 0.54                   | 1.0                        | 7,780               |  |
| MW-4         59/2017         0.37         0.086         0.49         0.8         6.370           MW-4         6/192017         0.14         0.035         0.46         0.50         6.420         LNAPL (0.30 feet)           MW-4         9/27.2017         0.433         0.0979         0.570         1.12         6.450         LNAPL (0.24 feet)           MW-4         3/12.2018         0.023         0.0641         0.319         0.6.27         6.160           MW-4         6/25.2018         LNAPL         LNAPL </td <td>MW-4</td> <td>12/19/2016</td> <td>0.37</td> <td>0.12</td> <td>0.56</td> <td>0.99</td> <td>7.530</td> <td></td>                                     | MW-4                                   | 12/19/2016  | 0.37              | 0.12              | 0.56                   | 0.99                       | 7.530               |  |
| MW-4         6/19/2017         0.14         0.035         0.46         0.59         6.420         [] NAPP. (0.30 fest)           MW-4         4/21/2017         0.143         0.0079         0.570         1.12         7.530         [] NAPP. (0.20 fest)           MW-4         4/21/2018         0.233         0.00611         0.319         0.627         6.160           MW-4         6/25/2018         I.NAPL         I.NAPL         I.NAPL         I.NAPL         I.NAPL           MW-4         9/12/2018         I.NAPL         I.NAPL         I.NAPL         I.NAPL         I.NAPL           MW-4         9/12/2018         I.NAPL         I.NAPL         I.NAPL         I.NAPL         I.NAPL         I.NAPL           MW-4         9/12/2019         I.NAPL         I.NAPL         I.NAPL         I.NAPL         I.NAPL         I.NAPL           MW-4         9/17/2019         I.NAPL         I.NAPL         I.NAPL         I.NAPL         I.NAPL           MW-4         9/17/2019         I.NAPL         I.NAPL         I.NAPL         I.NAPL           MW-4         12/12/020         I.NAPL         I.NAPL         I.NAPL         I.NAPL           MW-4         3/24/2021         I.NAPL         I.NAPL <td>MW-4</td> <td>3/6/2017</td> <td>0.37</td> <td>0.086</td> <td>0.49</td> <td>0.8</td> <td>6.370</td> <td></td>  | MW-4                                   | 3/6/2017    | 0.37              | 0.086             | 0.49                   | 0.8                        | 6.370               |  |
| MW-4         927/2017         0.104         0.0718         0.706         1.12         7.529         LNAPL (0.24 fcs)           MW-4         1218/2017         0.433         0.06919         0.370         1.12         6.450         LNAPL (0.16 fcs)           MW-4         312/2018         0.293         0.0641         0.319         0.627         6.160           MW-4         6/25/2018         INAPL         LNAPL         LNAPL         LNAPL         LNAPL           MW-4         9/17/2018         INAPL         LNAPL         LNAPL         LNAPL         LNAPL         LNAPL           MW-4         12/10/2018         INAPL         INAPL         LNAPL         LNAPL         LNAPL         LNAPL           MW-4         6/12/2019         INAPL         INAPL         INAPL         LNAPL         LNAPL         LNAPL           MW-4         6/12/2019         INAPL         INAPL         INAPL         LNAPL         INAPL           MW-4         12/2/2021         INAPL         INAPL         INAPL         INAPL           MW-4         12/2/2021         INAPL         INAPL         INAPL         INAPL           MW-4         6/2/2/021         INAPL         INAPL         INAPL  | MW-4                                   | 6/19/2017   | 0.14              | 0.035             | 0.46                   | 0.50                       | 6,420               | LNAPL (0.30 feet)  |
| MW-4         12/182017         0.433         0.0979         0.570         1.12         6.459         LNAPL (0.16 ee)           MW-4         6/25/2018         LNAPL         LNAPL <td>MW-4</td> <td>9/27/2017</td> <td>0.104</td> <td>0.0718</td> <td>0.706</td> <td>1.12</td> <td>7,520</td> <td>LNAPL (0.24 feet)</td> | MW-4                                   | 9/27/2017   | 0.104             | 0.0718            | 0.706                  | 1.12                       | 7,520               | LNAPL (0.24 feet)  |
| MW-4         5/12/2018         0.293         0.0641         0.319         0.627         6.169         0.2017           MW-4         9/17/2018         LNAPL  | MW-4                                   | 12/18/2017  | 0.433             | 0.0979            | 0.570                  | 1.12                       | 6,450               | LNAPL (0.10 feet)  |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$   | MW-4                                   | 3/12/2018   | 0.293             | 0.0641            | 0.319                  | 0.627                      | 6,160               |  |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$   | MW-4                                   | 6/25/2018   | LNAPL             | LNAPL             | LNAPL                  | LNAPL                      | LNAPL               | LNAPL (0.18 feet)  |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$   | MW-4                                   | 9/17/2018   | LNAPL             | LNAPL             | LNAPL                  | LNAPL                      | LNAPL               | LNAPL (0.5 feet)   |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$   | MW-4                                   | 12/10/2018  | LNAPL             | LNAPL             | LNAPL                  | LNAPL                      | LNAPL               | LNAPL (0.59 feet)  |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$   | MW-4                                   | 3/21/2019   | LNAPL             | LNAPL             | LNAPL                  | LNAPL                      | LNAPL               | LNAPL (0.65 feet)  |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$   | MW-4                                   | 6/13/2019   | LNAPL             | LNAPL             | LNAPL                  | LNAPL                      | LNAPL               | LNAPL (0.55 feet)  |
| MW4         129/2019         INAPL         INAPL (0.39 feet)           MW-4         6(19/2020         INAPL         INAPL         INAPL           MW-4         12/11/2020         INAPL         INAPL         INAPL           MW-4         3/24/2021         INAPL         INAPL         INAPL           MW-4         3/24/2021         INAPL         INAPL         INAPL           MW-4         9/24/2021         INAPL         INAPL         INAPL           MW-4         9/24/2021         INAPL         INAPL         INAPL           MW-4         12/21/2021         INAPL         INAPL         INAPL           MW-4         6/24/2022         INAPL         INAPL         INAPL           MW-4         9/19/2022         Not Sampled - INAPL         INAPL (0.10°)           MW-4         3/16/2023         Not Sampled - INAPL         INAPL (0.34)           MW-4         3/21/2024         Not Sampled - INAPL         INAPL (0.34)           MW-4         9/28/2023         Not Sampled - INAPL         INAPL (0.74)           MW-4         9/21/2024         Not Sampled - INAPL         INAPL (0.74)           MW-4         9/21/2024         Not Sampled - INAPL         INAPL (0.74)  | MW-4                                   | 9/17/2019   | LIVIE             | EI WHI E          | LNAPL                  | DIVILL                     | LITTL               | LNAPL (0.23 feet)  |
| MW-4         6/19/200         LNAPL         LNAPL           MW-4         12/11/2020         LNAPL         LNAPL           MW-4         12/11/2020         LNAPL         LNAPL           MW-4         6/18/2021         LNAPL         LNAPL           MW-4         6/18/2021         LNAPL         LNAPL           MW-4         6/18/2021         LNAPL         LNAPL           MW-4         9/24/2021         LNAPL         LNAPL           MW-4         12/21/2021         LNAPL         LNAPL           MW-4         3/23/2022         LNAPL         LNAPL           MW-4         9/19/2022         Not Sampled - LNAPL         LNAPL (0.10° feet)           MW-4         3/16/2023         Not Sampled - LNAPL         LNAPL (0.10° feet)           MW-4         3/16/2023         Not Sampled - LNAPL         LNAPL (0.24')           MW-4         0/28/2023         Not Sampled - LNAPL         LNAPL (1.5°)           MW-4         0/28/2023         Not Sampled - LNAPL         LNAPL (1.67°)           MW-4         0/28/2023         Not Sampled - LNAPL         LNAPL (0.74')           MW-4         0/26/2024         Not Sampled - LNAPL         LNAPL (0.74')           MW-4         0/21/2024 <td>MW-4</td> <td>12/9/2019</td> <td></td> <td></td> <td>LNAPL</td> <td></td> <td></td> <td>LNAPL (0.39 feet)</td>   | MW-4                                   | 12/9/2019   |                   |                   | LNAPL                  |                            |                     | LNAPL (0.39 feet)  |
| MW-4         1211/200         LNAPL         LNAPL           MW-4         3/24/2021         LNAPL         LNAPL           MW-4         6/18/2021         LNAPL         LNAPL           MW-4         6/18/2021         LNAPL         LNAPL           MW-4         9/24/0021         LNAPL         LNAPL           MW-4         9/22/1021         LNAPL         LNAPL           MW-4         3/23/2022         LNAPL         LNAPL           MW-4         6/24/2022         LNAPL         LNAPL           MW-4         6/24/2022         Not Sampled - LNAPL         LNAPL (0.07)           MW-4         12/7/2022         Not Sampled - LNAPL         LNAPL (0.07)           MW-4         3/16/2023         Not Sampled - LNAPL         LNAPL (0.27)           MW-4         9/19/2022         Not Sampled - LNAPL         LNAPL (0.27)           MW-4         3/21/2023         Not Sampled - LNAPL         LNAPL (0.27)           MW-4         9/26/2024         Not Sampled - LNAPL         LNAPL (0.74)           MW-4         3/21/2024         <0.00500   | MW-4                                   | 6/19/2020   |                   |                   | LNAPL                  |                            |                     | LNAPL  |
| MW-4         3/24/2021         LNAPL         LNAPL           MW-4         6/18/2021         LNAPL         LNAPL           MW-4         6/18/2021         LNAPL         LNAPL           MW-4         9/24/2021         LNAPL         LNAPL           MW-4         3/25/2022         LNAPL         LNAPL           MW-4         3/25/2022         LNAPL         LNAPL           MW-4         6/24/2022         LNAPL         LNAPL           MW-4         9/19/2022         Not Sampled - LNAPL         LNAPL (1/07 feet)           MW-4         9/19/2022         Not Sampled - LNAPL         LNAPL (0.16)           MW-4         9/26/203         Not Sampled - LNAPL         LNAPL (0.24)           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (0.27)           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (0.27)           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (0.27)           MW-4         9/26/2024         Not Sampled - LNAPL         LNAPL (0.27)           MW-4         9/26/2024         Not Sampled - LNAPL         LNAPL (0.74)           MW-4         12/16/2024         Not Sampled - LNAPL         MAPL (0.74)           MW-4 </td <td>MW-4</td> <td>12/11/2020</td> <td></td> <td></td> <td>LNAPL</td> <td></td> <td></td> <td>I NAPL</td>  | MW-4                                   | 12/11/2020  |                   |                   | LNAPL                  |                            |                     | I NAPL   |
| MW-4         6/18/2021         LNAPL         LNAPL           MW-4         9/24/2021         LNAPL         LNAPL           MW-4         9/24/2021         LNAPL         LNAPL           MW-4         9/22/2021         LNAPL         LNAPL           MW-4         3/23/2022         LNAPL         LNAPL           MW-4         6/24/2022         LNAPL         LNAPL           MW-4         6/24/2022         Not Sampled - LNAPL         LNAPL           MW-4         12/7/2022         Not Sampled - LNAPL         LNAPL (0.16')           MW-4         12/7/2022         Not Sampled - LNAPL         LNAPL (0.34')           MW-4         3/16/2023         Not Sampled - LNAPL         LNAPL (0.34')           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (0.74')           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (0.74')           MW-4         12/11/2024         <0.00500   | MW-4                                   | 3/24/2021   |                   |                   | LNAPL                  |                            |                     | I NAPL   |
| MW-4         9/24/2021         LNAPL         LNAPL           MW-4         12/21/2021         LNAPL         LNAPL           MW-4         12/21/2021         LNAPL         LNAPL           MW-4         3/23/2022         LNAPL         LNAPL           MW-4         6/24/2022         LNAPL         LNAPL           MW-4         9/19/2022         Not Sampled - LNAPL         LNAPL (0.16')           MW-4         9/19/2022         Not Sampled - LNAPL         LNAPL (0.24')           MW-4         3/16/2023         Not Sampled - LNAPL         LNAPL (0.34')           MW-4         6/28/2023         Not Sampled - LNAPL         LNAPL (1.02')           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (0.74')           MW-4         12/13/2023         Not Sampled - LNAPL         LNAPL (0.74')           MW-4         3/26/2024         Not Sampled - LNAPL         LNAPL (0.74')           MW-4         9/26/2024         Not Sampled - LNAPL         LNAPL (0.74')           MW-4         12/16/2024         Not Sampled - LNAPL         LNAPL (0.74')           MW-4         12/16/2024         Not Sampled - LNAPL         MAPL (0.74')           MW-4         12/16/2024         Not Sampled - LNAPL         MA  | MW-4                                   | 6/18/2021   |                   |                   | LNAPL                  |                            |                     | I NAPL   |
| MW-4         12/12/021         LNAPL         LNAPL           MW-4         3/23/022         LNAPL         LNAPL           MW-4         3/23/022         LNAPL         LNAPL           MW-4         6/24/2022         LNAPL         LNAPL           MW-4         9/19/2022         Not Sampled - LNAPL         LNAPL           MW-4         12/17/2022         Not Sampled - LNAPL         LNAPL (0.16')           MW-4         3/16/2023         Not Sampled - LNAPL         LNAPL (0.34')           MW-4         6/28/2023         Not Sampled - LNAPL         LNAPL (0.56')           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (0.74')           MW-4         3/21/2024         <0.00500  | MW-4                                   | 9/24/2021   |                   |                   | LNAPL                  |                            |                     | I NAPL   |
| MW-4         3/23/2022         LNAPL         LNAPL           MW-4         6/24/202         LNAPL         LNAPL         LNAPL           MW-4         9/19/2022         Not Sampled - LNAPL         LNAPL         LNAPL           MW-4         9/19/2022         Not Sampled - LNAPL         LNAPL         LNAPL           MW-4         9/19/2022         Not Sampled - LNAPL         LNAPL         LNAPL           MW-4         3/16/2023         Not Sampled - LNAPL         LNAPL (0.34)           MW-4         6/28/2023         Not Sampled - LNAPL         LNAPL (1.02)           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (0.74)           MW-4         12/13/2023         Not Sampled - LNAPL         LNAPL (0.74)           MW-4         12/16/2024         Not Sampled - LNAPL         LNAPL (0.74)           MW-4         9/26/2024         Not Sampled - LNAPL         LNAPL (0.74)           MW-4         12/16/2024         Not Sampled - LNAPL         Mot Sampled - LNAPL           MW-4         12/2014         <0.001  | MW-4                                   | 12/21/2021  |                   |                   | LNAPL                  |                            |                     | I NAPL   |
| INV-4         6/24/2022         LNAPL         LNAPL         LNAPL           MW-4         9/19/2022         Not Sampled - LNAPL         LNAPL         LNAPL (0.16)           MW-4         12/7/2022         Not Sampled - LNAPL         LNAPL (0.16)           MW-4         3/16/2023         Not Sampled - LNAPL         LNAPL (0.16)           MW-4         6/28/2023         Not Sampled - LNAPL         LNAPL (0.34')           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (1.02)           MW-4         3/21/2024         <0.00500   | MW-4                                   | 3/23/2022   |                   |                   | LNAPL                  |                            |                     | I NAPL   |
| MW-4         09192022         Not Sampled - LNAPL         LNAPL (0.16)           MW-4         12/7/2022         Not Sampled - LNAPL         LNAPL (0.16)           MW-4         3/16/2023         Not Sampled - LNAPL         LNAPL (0.34)           MW-4         3/16/2023         Not Sampled - LNAPL         LNAPL (0.34)           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (0.34)           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (0.74)           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (0.74)           MW-4         9/28/2024         Not Sampled - LNAPL         LNAPL (0.74)           MW-4         9/26/2024         Not Sampled - LNAPL         LNAPL (0.74)           MW-4         9/26/2024         Not Sampled - LNAPL         Not Sampled - LNAPL           MW-4         12/16/2024         Not Sampled - LNAPL         Not Sampled - LNAPL           MW-4         12/16/2024         Not Sampled - LNAPL         Not Sampled - LNAPL           MW-4         12/16/2024         Not Sampled - LNAPL         Not Sampled - LNAPL           MW-4         12/16/2024         Not Sampled - LNAPL         Not Sampled - LNAPL           Trip Blank         6/2/2014         <0.001   | MW-4                                   | 6/24/2022   |                   |                   | LNAPL                  |                            |                     | INAPL (107 feet)   |
| MW-4         12/7/2022         Not Sampled - LNAPL         LNAPL           MW-4         3/16/2023         Not Sampled - LNAPL         LNAPL (0.34)           MW-4         6/28/2023         Not Sampled - LNAPL         LNAPL (0.27)           MW-4         6/28/2023         Not Sampled - LNAPL         LNAPL (0.27)           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (0.27)           MW-4         12/13/2023         Not Sampled - LNAPL         LNAPL (0.74)           MW-4         3/21/2024         <0.00500  | MW-4                                   | 9/19/2022   |                   | N                 | Not Sampled - LN       | A PL                       |                     | LNAPL (0.16')  |
| MW-4         12/7602         Not Sampled - LNAPL         LNAPL (0.34')           MW-4         3/16/2023         Not Sampled - LNAPL         LNAPL (0.34')           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (1.02')           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (0.34')           MW-4         12/15/2023         Not Sampled - LNAPL         LNAPL (0.74')           MW-4         3/21/2024         <0.00500  | MW-4                                   | 12/7/2022   |                   | 1                 | Not Sampled - LN       | A PL                       |                     |  |
| MW-4         5/02/2023         Not Sampled - LNAPL         LINAPL (1.02')           MW-4         9/28/2023         Not Sampled - LNAPL         LNAPL (1.02')           MW-4         12/13/2023         Not Sampled - LNAPL         LNAPL (1.02')           MW-4         3/21/2024         <0.00500   | MW-4                                   | 3/16/2023   |                   | 1                 | Not Sampled - LN       | A PL                       |                     | I NAPL (0.34')   |
| MW-4         928/2023         Not Sampled - LNAPL         LNAPL (1.56)           MW-4         12/13/2023         Not Sampled - LNAPL         LNAPL (1.56)           MW-4         12/13/2023         Not Sampled - LNAPL         LNAPL (0.74)           MW-4         3/21/2024         <0.00500   | MW-4                                   | 6/28/2023   |                   | 1                 | Not Sampled - LN       | A PL                       |                     | $\frac{1}{1} \frac{1}{1} \frac{1}$ |
| MW-4         12/13/2023         Not Sampled - LNAPL         LNAPL (0.74')           MW-4         3/21/2024         <0.00500  | MW-4                                   | 9/28/2023   |                   | N                 | Not Sampled - LN       | APL.                       |                     | $\frac{1}{1} \frac{1}{1} \frac{1}$ |
| MW-4         3/21/2024         <0.00500         1.07         2.24         3,530           MW-4         6/20/2024         Not Sampled - LNAPL         MW-4         9/26/2024         Not Sampled - LNAPL           MW-4         9/26/2024         Not Sampled - LNAPL         MW-4         12/16/2024         Not Sampled - LNAPL           MW-4         12/16/2024         Not Sampled - LNAPL         Not Sampled - LNAPL         MW-4           Trip Blank         6/2/2014         <0.001   | MW-4                                   | 12/13/2023  |                   | N                 | Not Sampled - LN       | APL                        |                     | $\frac{1}{1} \frac{1}{1} \frac{1}$ |
| MW-4         6/20/2024         Not Sampled - LNAPL           MW-4         9/26/2024         Not Sampled - LNAPL           MW-4         12/16/2024         Not Sampled - LNAPL           MW-4         12/16/2024         Not Sampled - LNAPL           Trip Blank         6/2/2014         <0.001   | MW-4                                   | 3/21/2024   | <0.00500          | <0.00500          | 1.07                   | 2.24                       | 3.530               |  |
| MW-4         9/26/2024         Not Sampled - LNAPL           MW-4         12/16/2024         Not Sampled - LNAPL           Trip Blank         6/2/2014         <0.001  | MW-4                                   | 6/20/2024   | 0.002.00          | N                 | Not Sampled - LN       | APL                        | 0,000               |  |
| MW-4         12/16/2024         Not Sampled - LNAPL           Trip Blank         6/2/2014         <0.001   | MW-4                                   | 9/26/2024   |                   | N                 | Not Sampled - LN       | APL                        |                     |  |
| Trip Blank         6/2/2014         <0.001         <0.001         <0.001         NA           Trip Blank         12/3/2014         <0.001  | MW-4                                   | 12/16/2024  |                   | N                 | Not Sampled - LNA      | APL                        |                     |  |
| Trip Blank         0/2/014         <0.001         <0.001         <0.001         <0.001         NA           Trip Blank         12/3/2014         <0.001  | Trip Plank                             | 6/2/2014    | <0.001            | <0.001            | <0.001                 | <0.001                     | NA                  |  |
| Trip Blank         12/3/2011         50.001         50.001         50.001         60.001         104           Trip Blank         2/27/2015         <0.001   | Trip Blank                             | 12/3/2014   | <0.001            | <0.001            | <0.001                 | <0.001                     | NA                  |  |
| Trip Blank       6/2/2015       <0.001   | Trip Blank                             | 2/27/2015   | <0.001            | <0.001            | <0.001                 | <0.001                     | NA                  |  |
| Trip Blank         0/2/2013         0.001         0.001         0.001         0.003         NA           Trip Blank         8/31/2015         <0.001   | Trip Blank                             | 6/2/2015    | <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         <0.001   | Trip Blank                             | 8/31/2015   | <0.001            | <0.001            | <0.001                 | <0.003                     | NA                  |  |
| Trip Blank         3/21/2016         <0.001         <0.001         <0.001         <0.0030         NA           Trip Blank         3/21/2016         <0.0010  | Trip Blank                             | 12/15/2015  | <0.001            | <0.001            | <0.001                 | <0.003                     | NA                  |  |
| Trip Blank         6/20/2016         <0.0010         <0.0010         <0.0010         <0.0030         NA           Trip Blank         9/26/2016         <0.0010   | Trip Blank                             | 3/21/2016   | <0.001            | <0.001            | <0.001                 | <0.0030                    | NA                  |  |
| Trip Blank         9/26/2016         <0.0010         <0.0010         <0.0010         <0.0010         NA           Trip Blank         12/19/2016         <0.0010  | Trip Blank                             | 6/20/2016   | <0.0010           | <0.0010           | <0.0010                | <0.0030                    | NA                  |  |
| Trip Blank         12/19/2016         <0.0010         <0.0010         <0.0010         NA           Trip Blank         3/6/2017         <0.0010   | Trip Blank                             | 9/26/2016   | <0.0010           | <0.0010           | <0.0010                | <0.0030                    | NA                  |  |
| Trip Blank         3/6/2017         <0.0010         <0.0010         <0.0010         NA           Trip Blank         6/19/2017         <0.0010  | Trip Blank                             | 12/19/2016  | <0.0010           | <0.0010           | <0.0010                | <0.0010                    | NA                  |  |
| Trip Blank         6/19/2017         <0.0010         <0.0010         <0.0010         NA           Trip Blank         9/27/2017         <0.0010   | Trip Blank                             | 3/6/2017    | <0.0010           | <0.0010           | <0.0010                | <0.0010                    | NA                  |  |
| Trip Blank         9/27/2017         <0.0010         <0.0010         <0.0010         <0.0010         NA           Trip Blank         12/18/2017         <0.0010  | Trip Blank                             | 6/19/2017   | < 0.0010          | < 0.0010          | < 0.0010               | < 0.0010                   | NA                  |  |
| Trip Blank         12/18/2017         <0.0010         <0.0010         <0.0030         NA           Trip Blank         3/12/2018         <0.0010  | Trip Blank                             | 9/27/2017   | < 0.0010          | < 0.0010          | < 0.0010               | < 0.0030                   | NA                  |  |
| Trip Blank         3/12/2018         <0.0010         <0.0010         <0.0030         NA           Trip Blank         3/12/2018         <0.0010   | Trip Blank                             | 12/18/2017  | < 0.0010          | < 0.0010          | < 0.0010               | < 0.0030                   | NA                  |  |
| Trip Blank         3/12/2018         <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                  |  |

### Released to Imaging: 6/23/2025 10:05:45 AM

|  |             | Dongona           | Toluono   | Ethylhongers | Total<br>Vulonos  | Chloridez |               |
|--|-------------|-------------------|-----------|--------------|-------------------|-----------|---------------|
| Location Identification                | Sample Date | бепzene<br>(mg/l) | (mg/l)    | (mg/l)       | Ayienes<br>(mg/l) | (mg/l)    | Comments      |
| NMWQCC Groundwater<br>Standards (mg/L) | Sampe Date  | 0.01              | 1.00      | 0.70         | 0.62              | 250       | connents      |
| 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        |               |

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

# Appendix B

## Laboratory Analytical Report

- Pace Analytical Job #: L1718105
- Pace Analytical Job #: L1748984
- Pace Analytical Job #: L1782803
- Pace Analytical Job #: L1810397

Received by OCD: 3/31/2025 12:57:32 PM

![](_page_30_Picture_1.jpeg)

## **DCP Midstream - Tasman**

April 02, 2024

Sample Delivery Group: Samples Received: Project Number: Description:

Report To:

L1718105 03/22/2024 311090017 **Burton Flats Booster Station** 

Brett Dennis 2620 W. Marland Blvd Hobbs, NM 88240

### Entire Report Reviewed By:

Chris Word

Chris Ward Project Manager

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

# **Pace Analytical National**

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

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## SAMPLE SUMMARY

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|  |           |          | Collected by                 | Collected date/time                   | Received da             | te/time        |
|--|-----------|----------|------------------------------|---------------------------------------|-------------------------|----------------|
| MW-1 L1718105-01 GW                                |           |          | Kendon Stark                 | 03/21/24 09:09                        | 03/22/24 09             | :00            |
| Method   | Batch     | Dilution | Preparation<br>date/time     | Analysis<br>date/time                 | Analyst                 | Location       |
| Wet Chemistry by Method 9056A                      | WG2254749 | 10       | 03/29/24 06:27               | 03/29/24 06:27                        | GEB                     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2253775 | 1        | 03/26/24 16:47               | 03/26/24 16:47                        | BAM                     | Mt. Juliet, TN |
|  |           |          | Collected by                 | Collected date/time                   | Received da             | te/time        |
| MW-2 L1718105-02 GW                                |           |          | Kendon Stark                 | 03/21/24 09:31                        | 03/22/24 09             | :00            |
| Method   | Batch     | Dilution | Preparation<br>date/time     | Analysis<br>date/time                 | Analyst                 | Location       |
| Wet Chemistry by Method 9056A                      | WG2254760 | 20       | 03/29/24 20:19               | 03/29/24 20:19                        | GEB                     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2253775 | 1        | 03/26/24 17:10               | 03/26/24 17:10                        | BAM                     | Mt. Juliet, TN |
| MW-3   1718105-03 GW                               |           |          | Collected by<br>Kendon Stark | Collected date/time<br>03/21/24 09:46 | Received da 03/22/24 09 | te/time<br>:00 |
| Method   | Batch     | Dilution | Proparation                  | Analysis                              | Analyst                 | Location       |
| metrod   | Baten     | Dilution | date/time                    | date/time                             | Analyse                 | Location       |
| Wet Chemistry by Method 9056A                      | WG2254760 | 5        | 03/29/24 20:32               | 03/29/24 20:32                        | GEB                     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2253775 | 1        | 03/26/24 17:33               | 03/26/24 17:33                        | BAM                     | Mt. Juliet, TN |
|  |           |          | Collected by                 | Collected date/time                   | Received da             | te/time        |
| MW-4 L1718105-04 GW                                |           |          | Kendon Stark                 | 03/21/24 10:15                        | 03/22/24 09             | :00            |
| Method   | Batch     | Dilution | Preparation<br>date/time     | Analysis<br>date/time                 | Analyst                 | Location       |
| Wet Chemistry by Method 9056A                      | WG2254760 | 100      | 03/29/24 20:45               | 03/29/24 20:45                        | GEB                     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2253775 | 500      | 03/26/24 21:20               | 03/26/24 21:20                        | BAM                     | Mt. Juliet, TN |
|  |           |          | Collected by                 | Collected date/time                   | Received da             | te/time        |
| DUPLICATE L1718105-05 GW                           |           |          | Kendon Stark                 | 03/21/24 00:00                        | 03/22/24 09             | :00            |
| Method   | Batch     | Dilution | Preparation<br>date/time     | Analysis<br>date/time                 | Analyst                 | Location       |
| Wet Chemistry by Method 9056A                      | WG2254760 | 20       | 03/29/24 20:58               | 03/29/24 20:58                        | GEB                     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2253775 | 1        | 03/26/24 17:56               | 03/26/24 17:56                        | BAM                     | Mt. Juliet, TN |
|  |           |          | Collected by                 | Collected date/time                   | Received da             | te/time        |
| TRIP BLANK L1718105-06 GW                          |           |          | Kendon Stark                 | 03/21/24 14:56                        | 03/22/24 09             | :00            |
| Method   | Batch     | Dilution | Preparation<br>date/time     | Analysis<br>date/time                 | Analyst                 | Location       |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2253775 | 1        | 03/26/24 13:46               | 03/26/24 13:46                        | BAM                     | Mt. Juliet, TN |

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### CASE NARRATIVE

his Word

Chris Ward Project Manager

![](_page_33_Figure_5.jpeg)

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#### SAMPLE RESULTS - 01 L1718105

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Collected date/time: 03/21/24 09:09

### Wet Chemistry by Method 9056A

|          | Result | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     | Cp |
|----------|--------|-----------|------|------|----------|------------------|-----------|----|
| Analyte  | mg/l   |           | mg/l | mg/l |          | date / time      |           | 2  |
| Chloride | 750    |           | 3.79 | 10.0 | 10       | 03/29/2024 06:27 | WG2254749 | Tc |

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

|                           | Result   | Qualifier | MDL       | RDL      | Dilution | Analysis         | Batch     |                 |  |
|---------------------------|----------|-----------|-----------|----------|----------|------------------|-----------|-----------------|--|
| Analyte                   | mg/l     |           | mg/l      | mg/l     |          | date / time      |           | 4 C r           |  |
| Benzene                   | U        |           | 0.0000941 | 0.00100  | 1        | 03/26/2024 16:47 | WG2253775 |                 |  |
| Toluene                   | U        |           | 0.000278  | 0.00100  | 1        | 03/26/2024 16:47 | WG2253775 | 5               |  |
| Ethylbenzene              | 0.000439 | J         | 0.000137  | 0.00100  | 1        | 03/26/2024 16:47 | WG2253775 | ٌSr             |  |
| Total Xylenes             | U        |           | 0.000174  | 0.00300  | 1        | 03/26/2024 16:47 | WG2253775 |                 |  |
| (S) Toluene-d8            | 108      |           |           | 80.0-120 |          | 03/26/2024 16:47 | WG2253775 | <sup>6</sup> 0( |  |
| (S) 4-Bromofluorobenzene  | 109      |           |           | 77.0-126 |          | 03/26/2024 16:47 | WG2253775 |                 |  |
| (S) 1,2-Dichloroethane-d4 | 107      |           |           | 70.0-130 |          | 03/26/2024 16:47 | WG2253775 | <sup>7</sup> GI |  |

#### SAMPLE RESULTS - 02 L1718105

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### Wet Chemistry by Method 9056A

|          | Result | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     |     |
|----------|--------|-----------|------|------|----------|------------------|-----------|-----|
| Analyte  | mg/l   |           | mg/l | mg/l |          | date / time      |           | 2   |
| Chloride | 1750   |           | 7.58 | 20.0 | 20       | 03/29/2024 20:19 | WG2254760 | - Γ |

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

|                           | Result | Qualifier | MDL       | RDL      | Dilution | Analysis         | Batch     |    |
|---------------------------|--------|-----------|-----------|----------|----------|------------------|-----------|----|
| Analyte                   | mg/l   |           | mg/l      | mg/l     |          | date / time      |           | 4  |
| Benzene                   | U      |           | 0.0000941 | 0.00100  | 1        | 03/26/2024 17:10 | WG2253775 |    |
| Toluene                   | U      |           | 0.000278  | 0.00100  | 1        | 03/26/2024 17:10 | WG2253775 | 5  |
| Ethylbenzene              | U      |           | 0.000137  | 0.00100  | 1        | 03/26/2024 17:10 | WG2253775 | ٣S |
| Total Xylenes             | U      |           | 0.000174  | 0.00300  | 1        | 03/26/2024 17:10 | WG2253775 |    |
| (S) Toluene-d8            | 107    |           |           | 80.0-120 |          | 03/26/2024 17:10 | WG2253775 | 6  |
| (S) 4-Bromofluorobenzene  | 103    |           |           | 77.0-126 |          | 03/26/2024 17:10 | WG2253775 |    |
| (S) 1,2-Dichloroethane-d4 | 107    |           |           | 70.0-130 |          | 03/26/2024 17:10 | WG2253775 | 7  |

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#### Wet Chemistry by Method 9056A

Collected date/time: 03/21/24 09:46

|          | Result | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     | <br>Cp |
|----------|--------|-----------|------|------|----------|------------------|-----------|--------|
| Analyte  | mg/l   |           | mg/l | mg/l |          | date / time      |           | 2      |
| Chloride | 461    |           | 1.90 | 5.00 | 5        | 03/29/2024 20:32 | WG2254760 | Tc     |

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

| Volatile Organic Compounds (GC/MS) by Method 8260B |        |           |           |          |          |                  |           |                 |  |  |  |
|--|--------|-----------|-----------|----------|----------|------------------|-----------|-----------------|--|--|--|
|  | Result | Qualifier | MDL       | RDL      | Dilution | Analysis         | Batch     |                 |  |  |  |
| Analyte  | mg/l   |           | mg/l      | mg/l     |          | date / time      |           | 4<br>(Cr        |  |  |  |
| Benzene  | U      |           | 0.0000941 | 0.00100  | 1        | 03/26/2024 17:33 | WG2253775 |                 |  |  |  |
| Toluene  | U      |           | 0.000278  | 0.00100  | 1        | 03/26/2024 17:33 | WG2253775 | 5               |  |  |  |
| Ethylbenzene                                       | U      |           | 0.000137  | 0.00100  | 1        | 03/26/2024 17:33 | WG2253775 | Š۲ ا            |  |  |  |
| Total Xylenes                                      | U      |           | 0.000174  | 0.00300  | 1        | 03/26/2024 17:33 | WG2253775 |                 |  |  |  |
| (S) Toluene-d8                                     | 107    |           |           | 80.0-120 |          | 03/26/2024 17:33 | WG2253775 | 6<br>0 c        |  |  |  |
| (S) 4-Bromofluorobenzene                           | 106    |           |           | 77.0-126 |          | 03/26/2024 17:33 | WG2253775 |                 |  |  |  |
| (S) 1,2-Dichloroethane-d4                          | 108    |           |           | 70.0-130 |          | 03/26/2024 17:33 | WG2253775 | <sup>7</sup> Gl |  |  |  |

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#### Wet Chemistry by Method 9056A

|          | Result | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     | Ср |
|----------|--------|-----------|------|------|----------|------------------|-----------|----|
| Analyte  | mg/l   |           | mg/l | mg/l |          | date / time      |           | 2  |
| Chloride | 3530   |           | 37.9 | 100  | 100      | 03/29/2024 20:45 | WG2254760 | Tc |

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

| Volatile Organic Compounds (GC/MS) by Method 8260B |        |           |        |          |          |                  |           |                |               |  |  |
|--|--------|-----------|--------|----------|----------|------------------|-----------|----------------|---------------|--|--|
|  | Result | Qualifier | MDL    | RDL      | Dilution | Analysis         | Batch     | L              |               |  |  |
| Analyte  | mg/l   |           | mg/l   | mg/l     |          | date / time      |           | <sup>4</sup>   | 'n            |  |  |
| Benzene  | U      |           | 0.0471 | 0.500    | 500      | 03/26/2024 21:20 | WG2253775 |                | 41            |  |  |
| Toluene  | U      |           | 0.139  | 0.500    | 500      | 03/26/2024 21:20 | WG2253775 | 5              |               |  |  |
| Ethylbenzene                                       | 1.07   |           | 0.0685 | 0.500    | 500      | 03/26/2024 21:20 | WG2253775 | ι Šι           | r             |  |  |
| Total Xylenes                                      | 2.24   |           | 0.0870 | 1.50     | 500      | 03/26/2024 21:20 | WG2253775 |                |               |  |  |
| (S) Toluene-d8                                     | 108    |           |        | 80.0-120 |          | 03/26/2024 21:20 | WG2253775 | 6              | $\frac{1}{2}$ |  |  |
| (S) 4-Bromofluorobenzene                           | 109    |           |        | 77.0-126 |          | 03/26/2024 21:20 | WG2253775 |                | ĉ             |  |  |
| (S) 1,2-Dichloroethane-d4                          | 107    |           |        | 70.0-130 |          | 03/26/2024 21:20 | WG2253775 | <sup>7</sup> G | <br>از        |  |  |

#### Sample Narrative:

L1718105-04 WG2253775: Non-target compounds too high to run at a lower dilution.

SDG: L1718105

DATE/TIME: 04/02/24 12:01

#### SAMPLE RESULTS - 05 L1718105

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Wet Chemistry by Method 9056A

|          | Result | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     | Cp |
|----------|--------|-----------|------|------|----------|------------------|-----------|----|
| Analyte  | mg/l   |           | mg/l | mg/l |          | date / time      |           | 2  |
| Chloride | 691    |           | 7.58 | 20.0 | 20       | 03/29/2024 20:58 | WG2254760 | Tc |

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

| Volatile Organic Co       | ompounds | s (GC/MS) | by Metho  | d 8260B  |          |                  |           | <sup>3</sup> Ss |
|---------------------------|----------|-----------|-----------|----------|----------|------------------|-----------|-----------------|
|                           | Result   | Qualifier | MDL       | RDL      | Dilution | Analysis         | Batch     |                 |
| Analyte                   | mg/l     |           | mg/l      | mg/l     |          | date / time      |           | <sup>4</sup> Cn |
| Benzene                   | 0.00207  |           | 0.0000941 | 0.00100  | 1        | 03/26/2024 17:56 | WG2253775 |                 |
| Toluene                   | U        |           | 0.000278  | 0.00100  | 1        | 03/26/2024 17:56 | WG2253775 | 5               |
| Ethylbenzene              | 0.000365 | J         | 0.000137  | 0.00100  | 1        | 03/26/2024 17:56 | WG2253775 | ٌSr             |
| Total Xylenes             | U        |           | 0.000174  | 0.00300  | 1        | 03/26/2024 17:56 | WG2253775 |                 |
| (S) Toluene-d8            | 109      |           |           | 80.0-120 |          | 03/26/2024 17:56 | WG2253775 | 6<br>0 c        |
| (S) 4-Bromofluorobenzene  | 108      |           |           | 77.0-126 |          | 03/26/2024 17:56 | WG2253775 |                 |
| (S) 1,2-Dichloroethane-d4 | 106      |           |           | 70.0-130 |          | 03/26/2024 17:56 | WG2253775 | <sup>7</sup> Gl |

# SAMPLE RESULTS - 06

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

|                           | Result | Qualifier | MDL       | RDL      | Dilution | Analysis         | Batch     |                  |
|---------------------------|--------|-----------|-----------|----------|----------|------------------|-----------|------------------|
| Analyte                   | mg/l   |           | mg/l      | mg/l     |          | date / time      |           | 2                |
| Benzene                   | U      |           | 0.0000941 | 0.00100  | 1        | 03/26/2024 13:46 | WG2253775 | Тс               |
| Toluene                   | U      |           | 0.000278  | 0.00100  | 1        | 03/26/2024 13:46 | WG2253775 |                  |
| Ethylbenzene              | U      |           | 0.000137  | 0.00100  | 1        | 03/26/2024 13:46 | WG2253775 | <sup>3</sup> S c |
| Total Xylenes             | U      |           | 0.000174  | 0.00300  | 1        | 03/26/2024 13:46 | WG2253775 |                  |
| (S) Toluene-d8            | 108    |           |           | 80.0-120 |          | 03/26/2024 13:46 | WG2253775 | 4                |
| (S) 4-Bromofluorobenzene  | 106    |           |           | 77.0-126 |          | 03/26/2024 13:46 | WG2253775 | Cr               |
| (S) 1,2-Dichloroethane-d4 | 105    |           |           | 70.0-130 |          | 03/26/2024 13:46 | WG2253775 |                  |

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#### 

Wet Chemistry by Method 9056A

# QUALITY CONTROL SUMMARY

#### Method Blank (MB)

| (MB) R4051711-1 03/28/24 | B) R4051711-1 03/28/24 23:04 |              |        |        |  |  |  |  |  |
|--------------------------|------------------------------|--------------|--------|--------|--|--|--|--|--|
|                          | MB Result                    | MB Qualifier | MB MDL | MB RDL |  |  |  |  |  |
| Analyte                  | mg/l                         |              | mg/l   | mg/l   |  |  |  |  |  |
| Chloride                 | U                            |              | 0.379  | 1.00   |  |  |  |  |  |

#### L1717997-04 Original Sample (OS) • Duplicate (DUP)

| (OS) L1717997-04 03/29/24 | DS) L1717997-04 03/29/24 01:34 • (DUP) R4051711-3 03/29/24 02:12 |            |          |         |               |                   |   |  |  |  |  |  |
|---------------------------|--|------------|----------|---------|---------------|-------------------|---|--|--|--|--|--|
|                           | Original Result  | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD<br>Limits |   |  |  |  |  |  |
| Analyte                   | mg/l   | mg/l       |          | %       |               | %                 |   |  |  |  |  |  |
| Chloride                  | 5.47   | 5.36       | 1        | 2.07    |               | 15                | 6 |  |  |  |  |  |

#### L1718088-06 Original Sample (OS) • Duplicate (DUP)

| (OS) L1718088-06 03/29/24 05:36 • (DUP) R4051711-6 03/29/24 05:49 |                 |            |          |         |               |                   |  |  |  |  |
|---|-----------------|------------|----------|---------|---------------|-------------------|--|--|--|--|
|   | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD<br>Limits |  |  |  |  |
| Analyte   | mg/l            | mg/l       |          | %       |               | %                 |  |  |  |  |
| Chloride  | 4.03            | 4.02       | 1        | 0.201   |               | 15                |  |  |  |  |

#### Laboratory Control Sample (LCS)

| (LCS) R4051711-2 03/28/24 23:17 |              |            |          |             |               |  |  |  |  |  |
|---------------------------------|--------------|------------|----------|-------------|---------------|--|--|--|--|--|
|                                 | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |  |  |  |  |  |
| Analyte                         | mg/l         | mg/l       | %        | %           |               |  |  |  |  |  |
|                                 |              |            |          |             |               |  |  |  |  |  |

#### L1717997-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

| (OS) L1717997-04 03/29/24 01:34 • (MS) R4051711-4 03/29/24 02:25 • (MSD) R4051711-5 03/29/24 02:38 |              |                 |           |            |         |          |          |             |              |               |       |            |
|--|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|-------|------------|
|  | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD   | RPD Limits |
| Analyte  | mg/l         | mg/l            | mg/l      | mg/l       | %       | %        |          | %           |              |               | %     | %          |
| Chloride   | 40.0         | 5.47            | 46.1      | 45.8       | 102     | 101      | 1        | 80.0-120    |              |               | 0.735 | 15         |

#### L1718088-06 Original Sample (OS) • Matrix Spike (MS)

| (OS) L1718088-06 03/29/2 | JS) L1718088-06 03/29/24 05:36 • (MS) R4051711-7 03/29/24 06:01 |                 |           |         |          |             |              |  |  |  |  |  |
|--------------------------|---|-----------------|-----------|---------|----------|-------------|--------------|--|--|--|--|--|
|                          | Spike Amount  | Original Result | MS Result | MS Rec. | Dilution | Rec. Limits | MS Qualifier |  |  |  |  |  |
| Analyte                  | mg/l  | mg/l            | mg/l      | %       |          | %           |              |  |  |  |  |  |
| Chloride                 | 40.0  | 4.03            | 44.1      | 100     | 1        | 80.0-120    |              |  |  |  |  |  |

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<sup>4</sup>Cn <sup>5</sup>Sr <sup>6</sup>Qc <sup>7</sup>Gl <sup>8</sup>Al <sup>9</sup>Sc

Τс

Ss

#### Reverse 21259200 3731/2025 12:57:32 PM

Wet Chemistry by Method 9056A

# QUALITY CONTROL SUMMARY

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Ss

Cn

Sr

#### Method Blank (MB)

|                                |           |              |        |        |  | Cr |  |  |  |  |
|--------------------------------|-----------|--------------|--------|--------|--|----|--|--|--|--|
| (MB) R4052400-1 03/29/24 08:48 |           |              |        |        |  |    |  |  |  |  |
|                                | MB Result | MB Qualifier | MB MDL | MB RDL |  | 2  |  |  |  |  |
| Analyte                        | mg/l      |              | mg/l   | mg/l   |  | Тс |  |  |  |  |
| Chloride                       | U         |              | 0.379  | 1.00   |  |    |  |  |  |  |

#### Method Blank (MB)

| (MB) R4052613-3 04/01/24 11:26 |           |              |        |        |  |  |  |  |
|--------------------------------|-----------|--------------|--------|--------|--|--|--|--|
|                                | MB Result | MB Qualifier | MB MDL | MB RDL |  |  |  |  |
| Analyte                        | mg/l      |              | mg/l   | mg/l   |  |  |  |  |
| Chloride                       | U         |              | 0.379  | 1.00   |  |  |  |  |

#### L1716989-18 Original Sample (OS) • Duplicate (DUP)

|                      | gina Sample        | (00) - Dup   | meane (i |         |               |         |  |
|----------------------|--------------------|--------------|----------|---------|---------------|---------|--|
| (OS) L1716989-18 03/ | 29/24 19:27 • (DUP | ) R4052400-3 | 03/29/24 | 4 19:40 |               |         |  |
|                      | Original Result    | DUP Result   | Dilution | DUP RPD | DUP Qualifier | DUP RPD |  |
| Analyte              | mg/l               | mg/l         |          | %       |               | %       |  |
| Chloride             | 13.0               | 13.3         | 1        | 1.68    |               | 15      |  |

#### Laboratory Control Sample (LCS)

| (LCS) R4052400-2 03/29/24 09:01 |              |            |          |             |               |  |  |  |  |  |  |  |
|---------------------------------|--------------|------------|----------|-------------|---------------|--|--|--|--|--|--|--|
|                                 | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |  |  |  |  |  |  |  |
| Analyte                         | mg/l         | mg/l       | %        | %           |               |  |  |  |  |  |  |  |
| Chloride                        | 40.0         | 39.3       | 98.2     | 80.0-120    |               |  |  |  |  |  |  |  |

#### Laboratory Control Sample (LCS)

| (LCS) R4052613-4 04/01/2 | 24 11:54     |            |          |             |               |
|--------------------------|--------------|------------|----------|-------------|---------------|
|                          | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
| Analyte                  | mg/l         | mg/l       | %        | %           |               |
| Chloride                 | 40.0         | 39.9       | 99.8     | 80.0-120    |               |

### L1716989-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

| (OS) L1716989-18 03/29/24 | ,OS) L1716989-18 03/29/24 19:27 • (MS) R4052400-4 03/29/24 19:53 • (MSD) R4052400-5 03/29/24 20:06 |                 |           |            |         |          |          |             |              |               |       |            |  |
|---------------------------|--|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|-------|------------|--|
|                           | Spike Amount   | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD   | RPD Limits |  |
| Analyte                   | mg/l   | mg/l            | mg/l      | mg/l       | %       | %        |          | %           |              |               | %     | %          |  |
| Chloride                  | 40.0   | 13.0            | 50.5      | 50.9       | 93.8    | 94.6     | 1        | 80.0-120    |              |               | 0.687 | 15         |  |

| Released | to | Imaging? 6/23/2025    | 10:05:45 AM |
|----------|----|-----------------------|-------------|
|          |    | DCP Midstream - Tasma | an          |

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SDG: L1718105 DATE/TIME: 04/02/24 12:01

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## <u> Қастардар арала 2025 12:57:32 РМ</u>

## QUALITY CONTROL SUMMARY

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#### L1718112-10 Original Sample (OS) • Matrix Spike (MS)

| (OS) L1718112-10 04/01/24 | 18:50 • (MS) R4 | 052613-2 04/0   | 01/24 19:42 |         |          |             |              |
|---------------------------|-----------------|-----------------|-------------|---------|----------|-------------|--------------|
|                           | Spike Amount    | Original Result | MS Result   | MS Rec. | Dilution | Rec. Limits | MS Qualifier |
| Analyte                   | mg/l            | mg/l            | mg/l        | %       |          | %           |              |
| Chloride                  | 40.0            | 10200           | 8010        | 0.000   | 1        | 80.0-120    | EV           |

#### Sample Narrative:

MS: spike failed due to sample matrix

Wet Chemistry by Method 9056A

DATE/TIME: 04/02/24 12:01

PAGE: 13 of 17 Volatile Organic Compounds (GC/MS) by Method  $\tt 8260B$ 

## QUALITY CONTROL SUMMARY

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### Method Blank (MB)

| (MB) R4050779-4 03/26/2   | B) R4050779-4 03/26/24 12:12 |              |           |          |  |  |  |  |  |  |  |
|---------------------------|------------------------------|--------------|-----------|----------|--|--|--|--|--|--|--|
|                           | MB Result                    | MB Qualifier | MB MDL    | MB RDL   |  |  |  |  |  |  |  |
| Analyte                   | mg/l                         |              | mg/l      | mg/l     |  |  |  |  |  |  |  |
| Benzene                   | U                            |              | 0.0000941 | 0.00100  |  |  |  |  |  |  |  |
| Toluene                   | U                            |              | 0.000278  | 0.00100  |  |  |  |  |  |  |  |
| Ethylbenzene              | U                            |              | 0.000137  | 0.00100  |  |  |  |  |  |  |  |
| Total Xylenes             | U                            |              | 0.000174  | 0.00300  |  |  |  |  |  |  |  |
| (S) Toluene-d8            | 109                          |              |           | 80.0-120 |  |  |  |  |  |  |  |
| (S) 4-Bromofluorobenzene  | 107                          |              |           | 77.0-126 |  |  |  |  |  |  |  |
| (S) 1,2-Dichloroethane-d4 | 105                          |              |           | 70.0-130 |  |  |  |  |  |  |  |

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

| ,LCS) R4050779-1 03/26/24 10:41 • (LCSD) R4050779-2 03/26/24 11:04 |              |            |             |          |           |             |               |                |       |            |  |                 |
|--|--------------|------------|-------------|----------|-----------|-------------|---------------|----------------|-------|------------|--|-----------------|
|  | Spike Amount | LCS Result | LCSD Result | LCS Rec. | LCSD Rec. | Rec. Limits | LCS Qualifier | LCSD Qualifier | RPD   | RPD Limits |  | <sup>′</sup> Gl |
| Analyte  | mg/l         | mg/l       | mg/l        | %        | %         | %           |               |                | %     | %          |  |                 |
| Benzene  | 0.00500      | 0.00439    | 0.00444     | 87.8     | 88.8      | 70.0-123    |               |                | 1.13  | 20         |  | 8               |
| Toluene  | 0.00500      | 0.00495    | 0.00492     | 99.0     | 98.4      | 79.0-120    |               |                | 0.608 | 20         |  | A               |
| Ethylbenzene   | 0.00500      | 0.00479    | 0.00469     | 95.8     | 93.8      | 79.0-123    |               |                | 2.11  | 20         |  | Q               |
| Total Xylenes  | 0.0150       | 0.0143     | 0.0143      | 95.3     | 95.3      | 79.0-123    |               |                | 0.000 | 20         |  | Sc              |
| (S) Toluene-d8   |              |            |             | 110      | 107       | 80.0-120    |               |                |       |            |  |                 |
| (S) 4-Bromofluorobenzene   |              |            |             | 109      | 107       | 77.0-126    |               |                |       |            |  |                 |
| (S) 1,2-Dichloroethane-d4  |              |            |             | 107      | 105       | 70.0-130    |               |                |       |            |  |                 |

### L1718110-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

| OS) L1718110-01 03/26/24 19:04 • (MS) R4050779-5 03/26/24 21:43 • (MSD) R4050779-6 03/26/24 22:06 |              |                 |           |            |         |          |          |             |              |               |      |            |
|---|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
|   | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
| Analyte   | mg/l         | mg/l            | mg/l      | mg/l       | %       | %        |          | %           |              |               | %    | %          |
| Benzene   | 0.00500      | U               | 0.00364   | 0.00386    | 72.8    | 77.2     | 1        | 17.0-158    |              |               | 5.87 | 27         |
| Toluene   | 0.00500      | U               | 0.00418   | 0.00440    | 83.6    | 88.0     | 1        | 26.0-154    |              |               | 5.13 | 28         |
| Ethylbenzene  | 0.00500      | U               | 0.00428   | 0.00448    | 85.6    | 89.6     | 1        | 30.0-155    |              |               | 4.57 | 27         |
| Total Xylenes   | 0.0150       | U               | 0.0128    | 0.0133     | 85.3    | 88.7     | 1        | 29.0-154    |              |               | 3.83 | 28         |
| (S) Toluene-d8  |              |                 |           |            | 108     | 109      |          | 80.0-120    |              |               |      |            |
| (S) 4-Bromofluorobenzene  |              |                 |           |            | 107     | 110      |          | 77.0-126    |              |               |      |            |
| (S) 1,2-Dichloroethane-d4   |              |                 |           |            | 106     | 107      |          | 70.0-130    |              |               |      |            |

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#### 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<br>for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or<br>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<br>no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL"<br>(Below Detectable Levels). The information in the results column should always be accompanied by either an MDL<br>(Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect<br>or report for this analyte. |
| Uncertainty<br>(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<br>Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or<br>analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not<br>being performed on your samples typically, but on laboratory generated material.  |
| Sample Chain of<br>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  |

| Quaimer | Description   |
|---------|---|
| E       | The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL). |
| J       | The identification of the analyte is acceptable; the reported value is an estimate.   |
| V       | The sample concentration is too high to evaluate accurate spike recoveries.   |

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| 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 <sup>1</sup>     | TN00003          |
| Colorado               | TN00003     | New York                    | 11742            |
| Connecticut            | PH-0197     | North Carolina              | Env375           |
| Florida                | E87487      | North Carolina <sup>1</sup> | DW21704          |
| Georgia                | NELAP       | North Carolina <sup>3</sup> | 41               |
| Georgia <sup>1</sup>   | 923         | North Dakota                | R-140            |
| Idaho                  | TN00003     | Ohio–VAP                    | CL0069           |
| Illinois               | 200008      | Oklahoma                    | 9915             |
| Indiana                | C-TN-01     | Oregon                      | TN200002         |
| lowa                   | 364         | Pennsylvania                | 68-02979         |
| Kansas                 | E-10277     | Rhode Island                | LAO00356         |
| Kentucky <sup>16</sup> | KY90010     | South Carolina              | 84004002         |
| Kentucky <sup>2</sup>  | 16          | South Dakota                | n/a              |
| Louisiana              | AI30792     | Tennessee <sup>14</sup>     | 2006             |
| Louisiana              | LA018       | Texas                       | T104704245-20-18 |
| Maine                  | TN00003     | Texas <sup>5</sup>          | 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     |                             |                  |

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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.

SDG: L1718105 DATE/TIME: 04/02/24 12:01

| ompany Name/Address:  | 5 12:5/:52 PM                               |   | Billing Information: |   |                      |                     | Analysis / Container / Preservative |         |         |                   |  |                              |                | Cha                                   | in of Custody   | $\Gamma_{\text{Puge}} = [4 / 0]$                  |
|---|---|---|----------------------|---|----------------------|---------------------|-------------------------------------|---------|---------|-------------------|--|------------------------------|----------------|---------------------------------------|---|---|
| ርዎ Midstream - Tasn   | nan   |   | Steve We<br>370 17th | Steve Weathers<br>370 17th St, Ste 2500 |                      |                     |                                     |         |         |                   |  |                              |                |                                       | - Pace  |   |
| 620 W. Marland Blvd<br>lobbs, NM 88240  |   |   | Denver, (            | Jenver, CO 80202                        |                      |                     |                                     |         |         |                   |  |                              |                |                                       | PEOPLE ADVANCING SCIENCE  |   |
| eport to:   |   |   | Email To: ki         | norman@tasma                            | in-                  | Januia              |                                     |         |         |                   |  |                              |                | 1206                                  | IVIT JU   | Unt Juliet, TN 37122                              |
| rett Dennis   |   |   | geo.com;St           | tephen.weathe                           | rs@pbb.com;pc        | iennis              |                                     |         |         | 1. A.             |  |                              |                | Subr                                  | nitting a sample via<br>titutes acknowledg                              | this chain of custody<br>ment and acceptance of t |
| roject Description:<br>Burton Flats Booster Station   |   | City/State<br>Collected:  |                      |   | Please Cl<br>PT MT ( | T ET                |                                     | . 194   |         |                   |  | a 20                         |                | http                                  | s://info.pacelabs.co<br>s.pdf   | om/hubfs/pas-standard-                            |
| none: 720-218-4003  | Client Project                              | t #   |                      | Lab Project #<br>DCPTASMA               | N-BURTONI            | FLAT                | oPres                               | fcl     | HCI-BIK |                   |  |                              |                | SD                                    | G# L17  | 18105   |
| bllected by (print):<br>Lendon Stack  | Site/Facility I                             | D #   |                      | P.O. #<br>000066190                     | #<br>00661900        |                     | DPE-N                               | IAmb-F  | IAmb-   |                   |  |                              |                | Act                                   | thum: DCr   | G119  |
| ected by (signature)  | <b>Rush?</b> (<br>Same D<br>Next D<br>Two D | ? (Lab MUST Be Notified<br>ne Day Five Day<br>ct Day 5 Day (Rad On<br>o Day 10 Day (Rad O |                      | Quote # Date Results Needed y)          |                      | No.                 | e 250mlH                            | TEX 40m | TEX 40m |                   |  |                              |                | Pre<br>PN<br>PB                       | nplate: <b>112</b><br>clogin: <b>P10</b><br>I: <b>824 - Chri</b> :<br>: | 60763<br>s Ward                                   |
| acked on Ice N Y<br>Sample ID   | Comp/Grab                                   | Day<br>Matrix *   | Depth                | Date                                    | Time                 | of<br>Cntrs         | chlorid                             | V8260B  | V82608  |                   |  |                              |                | Shi                                   | pped Via: <b>F</b><br>Remarks   | edEX Ground                                       |
| W-1   | Cocolo                                      | GW  | NA                   | 3/21/24                                 | 09:09                | 4                   | X                                   | x       |         |                   |  |                              |                |                                       |   | - 01  |
| W-2   | 1   | GW  | 1                    | 1                                       | 69:31                | 4                   | X                                   | X       |         |                   |  |                              |                |                                       |   | - 02  |
| W-3   |   | GW  |                      |   | 09:46                | 4                   | x                                   | x       |         |                   |  |                              |                |                                       |   | - 3   |
| W-4   |   | GW  |                      |   | 10:15                | 4                   | X                                   | x       |         |                   |  |                              |                |                                       |   | - 04  |
| JPLICATE  | V   | GW  |                      |   | -                    | 4                   | X                                   | x       |         |                   |  | -                            |                |                                       |   | - 05  |
|   |   | GW  |                      | 1/                                      |                      | 4                   | X                                   | X       |         |                   |  |                              |                |                                       |   |   |
| RIP BLANK   | -   | GW  | -                    |   | 14:56                | 3                   |                                     |         | х       |                   |  |                              |                |                                       |   | - 06  |
|   |   |   |                      |   | 1. A. A.             |                     |                                     |         |         |                   |  |                              | -              |                                       |   |   |
|   |   |   |                      |   |                      |                     |                                     | 1.0     |         |                   |  |                              |                |                                       |   |   |
|   |   |   |                      |   |                      |                     |                                     |         |         |                   |  |                              |                |                                       |   |   |
| Matrix:<br><b>S</b> - Soil <b>AIR</b> - Air <b>F</b> - Filter<br><b>W</b> - Groundwater <b>B</b> - Bioassay | R - Air F - Filter<br>water B - Bioassay    |   |                      |   |                      |                     |                                     |         |         |                   | pH Temp COC S<br>COC S<br>Flow Other Bottl |                              |                |                                       | Receipt Ch<br>nt/Intact<br>urate:<br>intact:<br>s used:                 | necklist  |
| W - Drinking Water  | Samples returne<br>UPS FedE                 | d via:<br>xCourie   |                      | Tra                                     | cking # 66           | 43                  | 430                                 | 187     | 738     | 86                |  |                              | Suffi<br>VOA 2 | icient vol<br><u>If</u><br>Zero Heads | ume sent:<br>Applicab<br>pace:  | ole Ly  |
| telinquished by : (Signature)   |   | Date:<br>3/21/7   | H JS                 | e: Rec<br>5',09                         | eived by: (Signa     | ature)              |                                     |         |         | Trip Blank        | Received:                                  | Yes / No<br>HCL / Meo<br>TBR | H RAD S        | Screen <0.                            | 5 mR/hr:  | Zy _  |
| Relinquished by : (Signature)   | [   | Date:   | Time                 | e: Rec                                  | eived by: (Signa     | ature)              |                                     |         |         | Temp: //<br>4,140 | YHOC "                                     | ottles Receive<br>之 ()       | d: If pre:     | servation red                         | quired by Lo  | gin: Date/Time                                    |
| Relinquished by : (Signature)<br>Released to Imaging: 6/23/2  | 025 10:05:45                                | Date:<br>AM   | Time                 | e: Rec                                  | Gen les              | 1: (Signa<br>174.01 | ture)                               | rOr     |         | Date:             | -24  | <sup>ime:</sup> 9;0          | D Hold:        |                                       |   | NCF / 0   |

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## Phillips 66 - Tasman

Sample Delivery Group: Samples Received: Project Number: Description:

Report To:

L1748984 06/20/2024 311090017 **Burton Flats Booster Station** 

July 15, 2024

Brett Dennis 2620 W. Marland Blvd Hobbs, NM 88240

## Entire Report Reviewed By:

Chris Word

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

Released to Imaging: 8/23/2025 10:05:45 AM Phillips 66 - Tasman

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|  |   |              | Collected by             | Collected date/time   | Received date/time |                |  |
|--|---|--------------|--------------------------|-----------------------|--------------------|----------------|--|
| MW-1 L1748984-01 GW                                |   |              | Kendon Stark             | 06/19/24 09:25        | 06/20/24 09        | 0:00           |  |
| Method   | Batch   | Dilution     | Preparation              | Analysis              | Analyst            | Location       |  |
|  |   |              | date/time                | date/time             |                    |                |  |
| Wet Chemistry by Method 9056A                      | WG2320364   | 10           | 07/11/24 22:40           | 07/11/24 22:40        | DLH                | Mt. Juliet, TN |  |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2312069   | 1            | 06/26/24 04:07           | 06/26/24 04:07        | ACG                | Mt. Juliet, TN |  |
|  |   |              | Collected by             | Collected date/time   | Received da        | te/time        |  |
| MW-2 L1748984-02 GW                                |   |              | Kendon Stark             | 06/19/24 09:40        | 06/20/24 09        | ):00           |  |
| Method   | Batch   | Dilution     | Preparation<br>date/time | Analysis<br>date/time | Analyst            | Location       |  |
| Wet Chemistry by Method 9056A                      | WG2320364   | 100          | 07/11/24 22:53           | 07/11/24 22:53        | DLH                | Mt. Juliet, TN |  |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2312069   | 1            | 06/26/24 04:26           | 06/26/24 04:26        | ACG                | Mt. Juliet, TN |  |
|  |   |              | Collected by             | Collected date/time   | Received da        | te/time        |  |
| MW-3 L1748984-03 GW                                | Batch         Dilution         Pr           30B         WG2320364         10         07           30B         WG2312069         1         06           Batch         Dilution         Pr           30B         WG2320364         100         07           Batch         Dilution         Pr           30B         WG2320364         100         07           30B         WG2312069         1         06           WG2320364         50         07         06           WG2320364         5         07         06           WG2312239         1         06         07           30B         WG2320364         5         07           30B         WG2312239         1         06           WG2312239         1         06         07           30B         WG2312239         1         06           30B         WG2312239         1         06           30B         WG2312239         1         06           30B         WG2312239         1         06           30B         WG2312239         1         06 | Kendon Stark | 06/19/24 09:52           | 06/20/24 09:00        |                    |                |  |
| Method   | Batch   | Dilution     | Preparation<br>date/time | Analysis<br>date/time | Analyst            | Location       |  |
| Wet Chemistry by Method 9056A                      | WG2320364   | 5            | 07/11/24 23:31           | 07/11/24 23:31        | DLH                | Mt. Juliet, TN |  |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2312239   | 1            | 06/26/24 08:02           | 06/26/24 08:02        | JHH                | Mt. Juliet, TN |  |
|  |   |              | Collected by             | Collected date/time   | Received da        | te/time        |  |
| DUPLICATE L1748984-04 GW                           |   |              | Kendon Stark             | 06/19/24 00:00        | 06/20/24 09        | 0:00           |  |
| Method   | Batch   | Dilution     | Preparation<br>date/time | Analysis<br>date/time | Analyst            | Location       |  |
| Wet Chemistry by Method 9056A                      | WG2320364   | 10           | 07/11/24 23:44           | 07/11/24 23:44        | DLH                | Mt. Juliet, TN |  |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2312239   | 1            | 06/26/24 08:21           | 06/26/24 08:21        | JHH                | Mt. Juliet, TN |  |
|  |   |              | Collected by             | Collected date/time   | Received da        | te/time        |  |
| TRIP BLANK L1748984-05 GW                          |   |              | Kendon Stark             | 06/19/24 13:52        | 06/20/24 09        | 0:00           |  |
| Method   | Batch   | Dilution     | Preparation<br>date/time | Analysis<br>date/time | Analyst            | Location       |  |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2312239   | 1            | 06/26/24 07:24           | 06/26/24 07:24        | JHH                | Mt. Juliet, TN |  |

PROJECT: 311090017

SDG: L1748984 DATE/TIME: 07/15/24 10:49 PAGE: 3 of 15

### CASE NARRATIVE

his Word

Chris Ward Project Manager



SDG: L1748984

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## Received by OCD: 3/31/2025 12:57:32 PM

#### SAMPLE RESULTS - 01 L1748984

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Collected date/time: 06/19/24 09:25

#### Wet Chemistry by Method 9056A

|          | Result | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     | <br>Ср |
|----------|--------|-----------|------|------|----------|------------------|-----------|--------|
| Analyte  | mg/l   |           | mg/l | mg/l |          | date / time      |           | 2      |
| Chloride | 737    |           | 3.79 | 10.0 | 10       | 07/11/2024 22:40 | WG2320364 | Tc     |

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

| Volatile Organic Compounds (GC/MS) by Method 8260B |          |           |           |          |          |                  |                  |                 |  |  |
|--|----------|-----------|-----------|----------|----------|------------------|------------------|-----------------|--|--|
|  | Result   | Qualifier | MDL       | RDL      | Dilution | Analysis         | Batch            |                 |  |  |
| Analyte  | mg/l     |           | mg/l      | mg/l     |          | date / time      |                  | <sup>4</sup> Cr |  |  |
| Benzene  | 0.000717 | J         | 0.0000941 | 0.00100  | 1        | 06/26/2024 04:07 | WG2312069        |                 |  |  |
| Toluene  | U        |           | 0.000278  | 0.00100  | 1        | 06/26/2024 04:07 | WG2312069        | 5               |  |  |
| Ethylbenzene                                       | U        |           | 0.000137  | 0.00100  | 1        | 06/26/2024 04:07 | WG2312069        | ँSr             |  |  |
| Total Xylenes                                      | U        |           | 0.000174  | 0.00300  | 1        | 06/26/2024 04:07 | WG2312069        |                 |  |  |
| (S) Toluene-d8                                     | 103      |           |           | 80.0-120 |          | 06/26/2024 04:07 | WG2312069        | <sup>6</sup> 0( |  |  |
| (S) 4-Bromofluorobenzene                           | 97.9     |           |           | 77.0-126 |          | 06/26/2024 04:07 | WG2312069        |                 |  |  |
| (S) 1,2-Dichloroethane-d4                          | 120      |           |           | 70.0-130 |          | 06/26/2024 04:07 | <u>WG2312069</u> | <sup>7</sup> Gl |  |  |

SDG: L1748984

## SAMPLE RESULTS - 02

L1748984

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Collected date/time: 06/19/24 09:40 Wet Chemistry by Method 9056A

|          | , ,    |           |      |      |          |                  |           | l'Cn |
|----------|--------|-----------|------|------|----------|------------------|-----------|------|
|          | Result | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     |      |
| Analyte  | mg/l   |           | mg/l | mg/l |          | date / time      |           | 2    |
| Chloride | 2250   |           | 37.9 | 100  | 100      | 07/11/2024 22:53 | WG2320364 | Tc   |

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

| Volatile Organic Compounds (GC/MS) by Method 8260B |        |           |           |          |          |                  |                  |                 |  |  |
|--|--------|-----------|-----------|----------|----------|------------------|------------------|-----------------|--|--|
|  | Result | Qualifier | MDL       | RDL      | Dilution | Analysis         | Batch            |                 |  |  |
| Analyte  | mg/l   |           | mg/l      | mg/l     |          | date / time      |                  | <sup>4</sup> Cr |  |  |
| Benzene  | U      |           | 0.0000941 | 0.00100  | 1        | 06/26/2024 04:26 | WG2312069        |                 |  |  |
| Toluene  | U      |           | 0.000278  | 0.00100  | 1        | 06/26/2024 04:26 | WG2312069        | 5               |  |  |
| Ethylbenzene                                       | U      |           | 0.000137  | 0.00100  | 1        | 06/26/2024 04:26 | WG2312069        | ٽSr             |  |  |
| Total Xylenes                                      | U      |           | 0.000174  | 0.00300  | 1        | 06/26/2024 04:26 | WG2312069        |                 |  |  |
| (S) Toluene-d8                                     | 101    |           |           | 80.0-120 |          | 06/26/2024 04:26 | WG2312069        | 6               |  |  |
| (S) 4-Bromofluorobenzene                           | 97.9   |           |           | 77.0-126 |          | 06/26/2024 04:26 | WG2312069        |                 |  |  |
| (S) 1,2-Dichloroethane-d4                          | 121    |           |           | 70.0-130 |          | 06/26/2024 04:26 | <u>WG2312069</u> | <sup>7</sup> GI |  |  |

#### SAMPLE RESULTS - 03 L1748984

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Collected date/time: 06/19/24 09:52

| Wet Chemistry by Method 9056A |        |           |      |      |          |                  |           |  |     |
|-------------------------------|--------|-----------|------|------|----------|------------------|-----------|--|-----|
|                               | Result | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     |  | C   |
| Analyte                       | mg/l   |           | mg/l | mg/l |          | date / time      |           |  | 2   |
| Chloride                      | 462    |           | 1.90 | 5.00 | 5        | 07/11/2024 23:31 | WG2320364 |  | ⁻Tc |

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

| Volatile Organic Compounds (GC/MS) by Method 8260B |        |           |           |          |          |                  |           |                 |  |  |  |  |
|--|--------|-----------|-----------|----------|----------|------------------|-----------|-----------------|--|--|--|--|
|  | Result | Qualifier | MDL       | RDL      | Dilution | Analysis         | Batch     |                 |  |  |  |  |
| Analyte  | mg/l   |           | mg/l      | mg/l     |          | date / time      |           | 4<br>( )        |  |  |  |  |
| Benzene  | U      |           | 0.0000941 | 0.00100  | 1        | 06/26/2024 08:02 | WG2312239 |                 |  |  |  |  |
| Toluene  | U      |           | 0.000278  | 0.00100  | 1        | 06/26/2024 08:02 | WG2312239 | 5               |  |  |  |  |
| Ethylbenzene                                       | U      |           | 0.000137  | 0.00100  | 1        | 06/26/2024 08:02 | WG2312239 | ٽSr             |  |  |  |  |
| Total Xylenes                                      | U      |           | 0.000174  | 0.00300  | 1        | 06/26/2024 08:02 | WG2312239 |                 |  |  |  |  |
| (S) Toluene-d8                                     | 101    |           |           | 80.0-120 |          | 06/26/2024 08:02 | WG2312239 | <sup>6</sup> 0( |  |  |  |  |
| (S) 4-Bromofluorobenzene                           | 99.4   |           |           | 77.0-126 |          | 06/26/2024 08:02 | WG2312239 |                 |  |  |  |  |
| (S) 1,2-Dichloroethane-d4                          | 103    |           |           | 70.0-130 |          | 06/26/2024 08:02 | WG2312239 | <sup>7</sup> Gl |  |  |  |  |

SDG: L1748984

#### SAMPLE RESULTS - 04 L1748984

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Wet Chemistry by Method 9056A

|          |        |           |      |      |          |                  |           | 1'Cn |
|----------|--------|-----------|------|------|----------|------------------|-----------|------|
|          | Result | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     |      |
| Analyte  | mg/l   |           | mg/l | mg/l |          | date / time      |           | 2    |
| Chloride | 735    |           | 3.79 | 10.0 | 10       | 07/11/2024 23:44 | WG2320364 | Tc   |

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

| Volatile Organic Compounds (GC/MS) by Method 8260B |          |           |           |          |          |                  |           |                 |  |  |  |  |
|--|----------|-----------|-----------|----------|----------|------------------|-----------|-----------------|--|--|--|--|
|  | Result   | Qualifier | MDL       | RDL      | Dilution | Analysis         | Batch     |                 |  |  |  |  |
| Analyte  | mg/l     |           | mg/l      | mg/l     |          | date / time      |           | <sup>4</sup> Cn |  |  |  |  |
| Benzene  | 0.000602 | J         | 0.0000941 | 0.00100  | 1        | 06/26/2024 08:21 | WG2312239 |                 |  |  |  |  |
| Toluene  | U        |           | 0.000278  | 0.00100  | 1        | 06/26/2024 08:21 | WG2312239 | 5               |  |  |  |  |
| Ethylbenzene                                       | U        |           | 0.000137  | 0.00100  | 1        | 06/26/2024 08:21 | WG2312239 | _Sr             |  |  |  |  |
| Total Xylenes                                      | U        |           | 0.000174  | 0.00300  | 1        | 06/26/2024 08:21 | WG2312239 |                 |  |  |  |  |
| (S) Toluene-d8                                     | 102      |           |           | 80.0-120 |          | 06/26/2024 08:21 | WG2312239 | 600             |  |  |  |  |
| (S) 4-Bromofluorobenzene                           | 97.2     |           |           | 77.0-126 |          | 06/26/2024 08:21 | WG2312239 |                 |  |  |  |  |
| (S) 1,2-Dichloroethane-d4                          | 103      |           |           | 70.0-130 |          | 06/26/2024 08:21 | WG2312239 | <sup>7</sup> Gl |  |  |  |  |

#### SAMPLE RESULTS - 05 L1748984

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

|                           | Result | Qualifier | MDL       | RDL      | Dilution | Analysis         | Batch            | Ср               |
|---------------------------|--------|-----------|-----------|----------|----------|------------------|------------------|------------------|
| Analyte                   | mg/l   |           | mg/l      | mg/l     |          | date / time      |                  | 2                |
| Benzene                   | U      |           | 0.0000941 | 0.00100  | 1        | 06/26/2024 07:24 | WG2312239        | Tc               |
| Toluene                   | U      |           | 0.000278  | 0.00100  | 1        | 06/26/2024 07:24 | <u>WG2312239</u> |                  |
| Ethylbenzene              | U      |           | 0.000137  | 0.00100  | 1        | 06/26/2024 07:24 | WG2312239        | <sup>3</sup> C c |
| Total Xylenes             | U      |           | 0.000174  | 0.00300  | 1        | 06/26/2024 07:24 | <u>WG2312239</u> | 55               |
| (S) Toluene-d8            | 102    |           |           | 80.0-120 |          | 06/26/2024 07:24 | WG2312239        | 4                |
| (S) 4-Bromofluorobenzene  | 97.1   |           |           | 77.0-126 |          | 06/26/2024 07:24 | <u>WG2312239</u> | Cn               |
| (S) 1,2-Dichloroethane-d4 | 101    |           |           | 70.0-130 |          | 06/26/2024 07:24 | WG2312239        |                  |

SDG: L1748984

DATE/TIME: 07/15/24 10:49

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#### <u> Қараудар (Ср. 34</u>31/2025 12:57:32 РМ

Wet Chemistry by Method 9056A

#### QUALITY CONTROL SUMMARY L1748984-01,02,03,04

#### Method Blank (MB)

| (MB) R4093019-1 07/11/24 | 20:19     |              |        |        |
|--------------------------|-----------|--------------|--------|--------|
|                          | MB Result | MB Qualifier | MB MDL | MB RDL |
| Analyte                  | mg/l      |              | mg/l   | mg/l   |
| Chloride                 | U         |              | 0.379  | 1.00   |

#### L1748973-01 Original Sample (OS) • Duplicate (DUP)

| LI/469/3-0101  | iginal sample          | (OS) • Dup   | Silcate (    | DUP) |  |  |  |  |  |
|--|------------------------|--------------|--------------|------|--|--|--|--|--|
| (OS) L1748973-01 07  | /11/24 21:10 • (DUP) F | 84093019-3 ( | 07/11/24 21: | :23  |  |  |  |  |  |
| Original Result DUP Result Dilution DUP RPD DUP Qualifier DUP RPD Limits |                        |              |              |      |  |  |  |  |  |
| Analyte  | mg/l                   | mg/l         |              | %    |  |  |  |  |  |
| Chloride   | 1.70                   | 1.55         | 1            | 9.36 |  |  |  |  |  |
|  |                        |              |              |      |  |  |  |  |  |

#### L1749495-06 Original Sample (OS) • Duplicate (DUP)

| L1749495-06 Origir   | hal Sample  | (OS) • Dup | olicate ( | DUP)  |  |    | <sup>7</sup> Gl |  |  |  |
|--|---|------------|-----------|-------|--|----|-----------------|--|--|--|
| (OS) L1749495-06 07/12/2   | S) L1749495-06 07/12/24 02:31 • (DUP) R4093019-6 07/12/24 02:43 |            |           |       |  |    |                 |  |  |  |
| Original Result DUP Result Dilution DUP RPD <u>DUP Qualifier</u> DUP RPD<br>Limits |   |            |           |       |  |    |                 |  |  |  |
| Analyte  | mg/l  | mg/l       |           | %     |  | %  |                 |  |  |  |
| Chloride   | 4.35  | 4.36       | 1         | 0.175 |  | 15 | <sup>9</sup> Sc |  |  |  |

#### Laboratory Control Sample (LCS)

| (LCS) R4093019-2 07/11/24 20:32 |              |            |          |             |               |  |  |  |  |  |
|---------------------------------|--------------|------------|----------|-------------|---------------|--|--|--|--|--|
|                                 | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |  |  |  |  |  |
| Analyte                         | mg/l         | mg/l       | %        | %           |               |  |  |  |  |  |
| Chloride                        | 40.0         | 38.9       | 97.2     | 80.0-120    |               |  |  |  |  |  |

#### L1748973-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

| (OS) L1748973-01 07/11/24 21:10 • (MS) R4093019-4 07/11/24 21:36 • (MSD) R4093019-5 07/11/24 21:49                               |      |      |      |      |      |      |   |          |  |  |       |    |
|--|------|------|------|------|------|------|---|----------|--|--|-------|----|
| Spike Amount Original Result MS Result MS Result MS Rec. MSD Rec. Dilution Rec. Limits MS Qualifier MSD Qualifier RPD RPD Limits |      |      |      |      |      |      |   |          |  |  |       |    |
| Analyte  | mg/l | mg/l | mg/l | mg/l | %    | %    |   | %        |  |  | %     | %  |
| Chloride   | 40.0 | 1.70 | 40.7 | 40.7 | 97.6 | 97.5 | 1 | 80.0-120 |  |  | 0.132 | 15 |

#### L1749495-06 Original Sample (OS) • Matrix Spike (MS)

| (OS) L1749495-06 07/12/24 | )S) L1749495-06 07/12/24 02:31 • (MS) R4093019-7 07/12/24 02:56 |                 |           |         |          |             |              |  |  |  |
|---------------------------|---|-----------------|-----------|---------|----------|-------------|--------------|--|--|--|
|                           | Spike Amount  | Original Result | MS Result | MS Rec. | Dilution | Rec. Limits | MS Qualifier |  |  |  |
| Analyte                   | mg/l  | mg/l            | mg/l      | %       |          | %           |              |  |  |  |
| Chloride                  | 40.0  | 4.35            | 42.7      | 95.8    | 1        | 80.0-120    |              |  |  |  |

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SDG: L1748984

DATE/TIME: 07/15/24 10:49

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

#### QUALITY CONTROL SUMMARY L1748984-01,02

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#### Method Blank (MB)

| (MB) R4086854-3 06/25/    | 24 20:12  |              |           |          |
|---------------------------|-----------|--------------|-----------|----------|
|                           | MB Result | MB Qualifier | MB MDL    | MB RDL   |
| Analyte                   | mg/l      |              | mg/l      | mg/l     |
| Benzene                   | U         |              | 0.0000941 | 0.00100  |
| Toluene                   | U         |              | 0.000278  | 0.00100  |
| Ethylbenzene              | U         |              | 0.000137  | 0.00100  |
| Total Xylenes             | U         |              | 0.000174  | 0.00300  |
| (S) Toluene-d8            | 99.7      |              |           | 80.0-120 |
| (S) 4-Bromofluorobenzene  | 94.6      |              |           | 77.0-126 |
| (S) 1,2-Dichloroethane-d4 | 116       |              |           | 70.0-130 |

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

| (LCS) R4086854-1 06/25/2  | 24 19:16 • (LCSE | D) R4086854-2 | 2 06/25/24 19: | 35       |           |             |               |                |      |            | 7                |
|---------------------------|------------------|---------------|----------------|----------|-----------|-------------|---------------|----------------|------|------------|------------------|
|                           | Spike Amount     | LCS Result    | LCSD Result    | LCS Rec. | LCSD Rec. | Rec. Limits | LCS Qualifier | LCSD Qualifier | RPD  | RPD Limits | <sup>′</sup> Gl  |
| Analyte                   | mg/l             | mg/l          | mg/l           | %        | %         | %           |               |                | %    | %          |                  |
| Benzene                   | 0.00500          | 0.00515       | 0.00534        | 103      | 107       | 70.0-123    |               |                | 3.62 | 20         | <sup>8</sup> A I |
| Toluene                   | 0.00500          | 0.00460       | 0.00499        | 92.0     | 99.8      | 79.0-120    |               |                | 8.13 | 20         | A                |
| Ethylbenzene              | 0.00500          | 0.00447       | 0.00469        | 89.4     | 93.8      | 79.0-123    |               |                | 4.80 | 20         | Q                |
| Total Xylenes             | 0.0150           | 0.0140        | 0.0146         | 93.3     | 97.3      | 79.0-123    |               |                | 4.20 | 20         | Sc               |
| (S) Toluene-d8            |                  |               |                | 97.3     | 101       | 80.0-120    |               |                |      |            |                  |
| (S) 4-Bromofluorobenzene  |                  |               |                | 96.9     | 98.1      | 77.0-126    |               |                |      |            |                  |
| (S) 1,2-Dichloroethane-d4 |                  |               |                | 117      | 116       | 70.0-130    |               |                |      |            |                  |

SDG: L1748984

DATE/TIME: 07/15/24 10:49

PAGE: 11 of 15 Volatile Organic Compounds (GC/MS) by Method 8260B

## QUALITY CONTROL SUMMARY

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#### Method Blank (MB)

| (MB) R4087103-3 06/26/24 07:04 |           |              |           |          |  |  |  |
|--------------------------------|-----------|--------------|-----------|----------|--|--|--|
|                                | MB Result | MB Qualifier | MB MDL    | MB RDL   |  |  |  |
| Analyte                        | mg/l      |              | mg/l      | mg/l     |  |  |  |
| Benzene                        | U         |              | 0.0000941 | 0.00100  |  |  |  |
| Toluene                        | U         |              | 0.000278  | 0.00100  |  |  |  |
| Ethylbenzene                   | U         |              | 0.000137  | 0.00100  |  |  |  |
| Total Xylenes                  | U         |              | 0.000174  | 0.00300  |  |  |  |
| (S) Toluene-d8                 | 103       |              |           | 80.0-120 |  |  |  |
| (S) 4-Bromofluorobenzene       | 98.4      |              |           | 77.0-126 |  |  |  |
| (S) 1,2-Dichloroethane-d4      | 103       |              |           | 70.0-130 |  |  |  |

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

| (LCS) R4087103-1 06/26/2  | 4 06:07 • (LCS | D) R4087103-2 | 2 06/26/24 06 | :26      |           |             |               |                |       |            | 7   |      |
|---------------------------|----------------|---------------|---------------|----------|-----------|-------------|---------------|----------------|-------|------------|-----|------|
|                           | Spike Amount   | LCS Result    | LCSD Result   | LCS Rec. | LCSD Rec. | Rec. Limits | LCS Qualifier | LCSD Qualifier | RPD   | RPD Limits | Í G | il – |
| Analyte                   | mg/l           | mg/l          | mg/l          | %        | %         | %           |               |                | %     | %          |     |      |
| Benzene                   | 0.00500        | 0.00438       | 0.00475       | 87.6     | 95.0      | 70.0-123    |               |                | 8.11  | 20         | 8   |      |
| Toluene                   | 0.00500        | 0.00424       | 0.00441       | 84.8     | 88.2      | 79.0-120    |               |                | 3.93  | 20         |     | 1    |
| Ethylbenzene              | 0.00500        | 0.00420       | 0.00424       | 84.0     | 84.8      | 79.0-123    |               |                | 0.948 | 20         | 9   | —    |
| Total Xylenes             | 0.0150         | 0.0122        | 0.0128        | 81.3     | 85.3      | 79.0-123    |               |                | 4.80  | 20         | Š د | С    |
| (S) Toluene-d8            |                |               |               | 102      | 98.5      | 80.0-120    |               |                |       |            |     |      |
| (S) 4-Bromofluorobenzene  |                |               |               | 102      | 100       | 77.0-126    |               |                |       |            |     |      |
| (S) 1,2-Dichloroethane-d4 |                |               |               | 102      | 105       | 70.0-130    |               |                |       |            |     |      |

SDG: L1748984 DATE/TIME: 07/15/24 10:49 PAGE: 12 of 15

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#### 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<br>(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<br>Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or<br>analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not<br>being performed on your samples typically, but on laboratory generated material.  |
| Sample Chain of<br>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<br>by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for<br>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  |

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

SDG: L1748984 DATE/TIME: 07/15/24 10:49

## Received by OCD: 3/31/2025 12:57:32 PACCREDITATIONS & LOCATIONS

| Page 61 0 | <i>y</i> 9 | 3 |
|-----------|------------|---|
|-----------|------------|---|

| 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 <sup>1</sup>     | TN00003          |
| Colorado               | TN00003     | New York                    | 11742            |
| Connecticut            | PH-0197     | North Carolina              | Env375           |
| Florida                | E87487      | North Carolina <sup>1</sup> | DW21704          |
| Georgia                | NELAP       | North Carolina <sup>3</sup> | 41               |
| Georgia <sup>1</sup>   | 923         | North Dakota                | R-140            |
| Idaho                  | TN00003     | Ohio–VAP                    | CL0069           |
| Illinois               | 200008      | Oklahoma                    | 9915             |
| Indiana                | C-TN-01     | Oregon                      | TN200002         |
| lowa                   | 364         | Pennsylvania                | 68-02979         |
| Kansas                 | E-10277     | Rhode Island                | LAO00356         |
| Kentucky <sup>16</sup> | KY90010     | South Carolina              | 84004002         |
| Kentucky <sup>2</sup>  | 16          | South Dakota                | n/a              |
| Louisiana              | AI30792     | Tennessee <sup>14</sup>     | 2006             |
| Louisiana              | LA018       | Texas                       | T104704245-20-18 |
| Maine                  | TN00003     | Texas <sup>5</sup>          | 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     |                             |                  |

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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.

SDG: L1748984

DATE/TIME: 07/15/24 10:49



| Company Name/Address:   | pany Name/Address: Billing |   |  |   |                                   | Billing Information:    |              |             |            |            | Analysis / Container / Preservative Cha |          |                 |                    |                               |  | nain of Custody Page of                                   |   |  |
|---|----------------------------|---|--|---|-----------------------------------|-------------------------|--------------|-------------|------------|------------|---|----------|-----------------|--------------------|-------------------------------|--|---|---|--|
| Phillips 66 - Tasman<br>2620 W. Marland Blvd<br>Hobbs, NM 88240   |                            |   |  | Steve W<br>370 17tl<br>Denver,                                    | eathers<br>5 St, Ste 2<br>CO 8020 | 2500<br>12              |              | Pres<br>Chk |            |            |   |          |                 |                    |                               |  | Pace<br>PEOPLE ADVAN                                      | <b>@</b> *<br>ICING SCIENCE                         |  |
| Report to:  |                            |   |  | Email To: knorman@tasman-<br>geo.com;Stephen.Weathers@p66.com:bde |                                   |                         |              |             |            |            |   |          |                 |                    |                               | 12065 Lebano   | MT JULIE  | <b>T, TN</b><br>et, TN 37122                        |  |
| Project Description:  |                            |   | City/State   | 0   | Please Circl                      |                         |              |             |            |            |   |          |                 |                    |                               | Submitting a s<br>constitutes ac<br>Pace Terms ar                                | sample via this ch<br>knowledgment a<br>nd Conditions fou | nain of custody<br>and acceptance of the<br>and at: |  |
| Burton Flats Booster Station  |                            | Collected:  |  |   |                                   |                         | PT MT C      | T ET        |            |            |   |          |                 |                    |                               | https://info.pa<br>terms.pdf   | acelabs.com/hub   | ofs/pas-standard-                                   |  |
| Phone: 720-218-4003   | Client                     | t Project   | #  |   | Lab Proje                         | ect #<br>SMAN-E         | URTONF       | LAT         | oPres      | fcl        | 4CI-BIK                                 |          |                 |                    |                               | SDG #  | 749<br>F11  | 3989  |  |
| benden Stark  | Site/F                     | Facility ID   | #  |   | P.O. #<br>430135                  | 50826                   |              |             | DPE-N      | 4-dmA      | Amb-+                                   |          |                 |                    |                               | Acctnum  | : DCPTAS  | SMAN  |  |
| mmediately<br>Packed on Ice N Y   | R                          | <b>Rush?</b> (L<br>_ Same Da<br>_ Next Day<br>_ Two Day<br>_ Three Da | ab MUST Be<br>y Five D<br>y 5 Day<br>y 10 Da<br>ay | Notified)<br>Day<br>(Rad Only)<br>y (Rad Only)                    | Quote #                           | <b>#</b><br>e Results N | leeded       | No.<br>of   | de 250mlHC | BTEX 40ml/ | BTEX 40ml/                              |          |                 |                    |                               | Template<br>Prelogin:<br>PM: <b>824</b><br>PB:                                   | e:T12777<br>P10801<br>- Chris Wa                          | 1<br>.52<br>rd                                      |  |
| Sample ID   | Com                        | p/Grab  | Matrix *   | Depth   | Da                                | ite                     | Time         | Cntrs       | Chlori     | V8260      | V8260                                   |          |                 |                    |                               | Shipped N<br>Rema  | Via: <b>FedE</b> X  | X Ground  |  |
| IW-1  | Gro                        | de  | GW   | NA  | 6.19                              | 1.24 0                  | 39:25        | 4           | х          | x          |   |          |                 |                    |                               |  |   | - 01  |  |
| N-2   | 1                          | 1   | GW   | 1   | 1                                 | (                       | 39:40        | 4           | х          | X          |   |          |                 |                    |                               |  |   | - 02  |  |
| N-3   |                            |   | GW   |   |                                   |                         | 39152        | 4           | X          | X          |   |          |                 |                    |                               |  |   | - 13  |  |
| V-4   |                            |   | <del>GW</del>                                      |   |                                   |                         |              | 4_          | X          | ×          |   |          |                 | -                  |                               |  |   |   |  |
| PLICATE   |                            |   | GW   |   |                                   |                         | NA           | 4           | х          | x          |   |          |                 |                    |                               |  | 1   | - 04  |  |
|   |                            | /   | GW   |   |                                   |                         |              | 4           | x          | x          |   |          |                 |                    |                               |  |   | 1   |  |
| P BLANK   | 1                          | /   | GW   | V   |                                   |                         | 3:52         | 3           |            |            | X                                       |          |                 |                    |                               |  | -   | -05   |  |
|   |                            |   |  |   |                                   |                         |              |             |            |            |   |          |                 |                    |                               |  |   |   |  |
|   |                            |   |  |   |                                   |                         |              |             |            |            |   |          |                 |                    |                               |  |   |   |  |
| Vatrix:<br>- Soil <b>AIR</b> - Air <b>F</b> - Filter<br>V - Groundwater <b>B</b> - Bioassay<br>W - WasteWater | Remarks:                   | :   |  | 1   | 1                                 | I                       |              | 1           |            |            |   | pH       | Temp<br>Other _ |                    | COC Sea<br>COC Sig<br>Bottles | I<br>Sample Receip<br>1 Present/In<br>ned/Accurate<br>arrive inta<br>bottles use | pt Check<br>tact:<br>t                                    | List<br>NP Y _N<br>Y _N                             |  |
| N - Drinking Water<br>Γ - Other   | Samples reUPS              | Samples returned via: Tracking #                                      |  |   |                                   |                         | #            | 7           | 315        |            | 519                                     | 3 91.    | 53              |                    | Suffici<br>VOA Zer            | ent volume s<br><u>If Appl</u><br>o Headspace:                                   | ent:<br>licable   | Y N   |  |
| elinquished by : (Signature)  | Date: Time: Received by    |   |  |   |                                   | by: (Signatu            | ure)         |             |            | T          | Trip Blank Received:                    |          |                 | Preserv<br>RAD Scr | een <0.5 mR/                  | t/Checke<br>hr:  | d: ZY _N  |   |  |
| linquished by : (Signature)   | Date: Time: Receiv         |   |  |   |                                   | Received                | by: (Signatu | ure)        |            |            | Ţ                                       | TempEDA7 | °C Bottles      | Received:          | If preserv                    | vation required  | by Login: D   | Date/Time   |  |
| elinquished by : (Signature)  |                            | Dat   | te:  | Time  | ::                                | Received                | for lab by:  | (Signati    | ure)       |            | C                                       | Date:    | Time:           | 10                 | Hold:                         |  |   | Condition:<br>NCF / OK)                             |  |

Released to Imaging: 6/23/2025 10:05:45 AM

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Received by OCD: 3/31/2025 12:57:32 PM

Pace Analytical® ANALYTICAL REPORT

## Phillips 66 - Tasman

Sample Delivery Group: Samples Received: Project Number: Description:

Report To:

L1782803 09/27/2024 311090017 **Burton Flats Booster Station** 

October 08, 2024

Brett Dennis 2620 W. Marland Blvd Hobbs, NM 88240

## Entire Report Reviewed By:

Chris Word

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

Released to Imaging: 8/23/2025 10:05:45 AM Phillips 66 - Tasman

PROJECT: 311090017

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## SAMPLE SUMMARY

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|  |           |          | Collected by                 | Collected date/time                   | Received da                | te/time        |
|--|-----------|----------|------------------------------|---------------------------------------|----------------------------|----------------|
| MW-1 L1782803-01 GW                                |           |          | Kendon Stark                 | 09/26/24 08:42                        | 09/27/24 09                | :00            |
| Method   | Batch     | Dilution | Preparation<br>date/time     | Analysis<br>date/time                 | Analyst                    | Location       |
| Wet Chemistry by Method 9056A                      | WG2370904 | 10       | 09/29/24 19:21               | 09/29/24 19:21                        | GEB                        | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2374716 | 1        | 10/03/24 06:07               | 10/03/24 06:07                        | DWR                        | Mt. Juliet, TN |
|  |           |          | Collected by                 | Collected date/time                   | Received da                | te/time        |
| MW-2 L1782803-02 GW                                |           |          | Kendon Stark                 | 09/26/24 08:55                        | 09/27/24 09                | :00            |
| Method   | Batch     | Dilution | Preparation<br>date/time     | Analysis<br>date/time                 | Analyst                    | Location       |
| Wet Chemistry by Method 9056A                      | WG2370904 | 50       | 09/29/24 19:30               | 09/29/24 19:30                        | GEB                        | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2374716 | 1        | 10/03/24 06:29               | 10/03/24 06:29                        | DWR                        | Mt. Juliet, TN |
| MW-3 L1782803-03 GW                                |           |          | Collected by<br>Kendon Stark | Collected date/time<br>09/26/24 09:04 | Received da<br>09/27/24 09 | te/time<br>:00 |
| Method   | Batch     | Dilution | Preparation<br>date/time     | Analysis<br>date/time                 | Analyst                    | Location       |
| Wet Chemistry by Method 9056A                      | WG2370904 | 10       | 09/29/24 19:40               | 09/29/24 19:40                        | GEB                        | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2374716 | 1        | 10/03/24 06:52               | 10/03/24 06:52                        | DWR                        | Mt. Juliet, TN |
|  |           |          | Collected by                 | Collected date/time                   | Received da                | te/time        |
| DUPLICATE L1782803-04 GW                           |           |          | Kendon Stark                 | 09/26/24 00:00                        | 09/27/24 09                | .00            |
| Method   | Batch     | Dilution | Preparation<br>date/time     | Analysis<br>date/time                 | Analyst                    | Location       |
| Wet Chemistry by Method 9056A                      | WG2370904 | 10       | 09/29/24 19:49               | 09/29/24 19:49                        | GEB                        | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2374716 | 1        | 10/03/24 07:14               | 10/03/24 07:14                        | DWR                        | Mt. Juliet, TN |
|  |           |          | Collected by                 | Collected date/time                   | Received da                | te/time        |
| TRIP BLANK L1782803-05 GW                          |           |          | Kendon Stark                 | 09/26/24 00:00                        | 09/27/24 09                | :00            |
| Method   | Batch     | Dilution | Preparation<br>date/time     | Analysis<br>date/time                 | Analyst                    | Location       |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2374716 | 1        | 10/03/24 02:49               | 10/03/24 02:49                        | DWR                        | Mt. Juliet, TN |

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### CASE NARRATIVE

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Chris Ward Project Manager

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#### SAMPLE RESULTS - 01 L1782803

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Collected date/time: 09/26/24 08:42

| Wet Chemistry | by Method 9 | 9056A     |      |      |          |                  |           | Γ | 1  |
|---------------|-------------|-----------|------|------|----------|------------------|-----------|---|----|
|               | Result      | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     |   | Cr |
| Analyte       | mg/l        |           | mg/l | mg/l |          | date / time      |           |   | 2  |
| Chloride      | 704         |           | 5.47 | 10.0 | 10       | 09/29/2024 19:21 | WG2370904 |   | Тс |

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

| Volatile Organic C        | ompound  | s (GC/MS) | by Metho  | d 8260B  |          |                  |           | <sup>3</sup> Ss |
|---------------------------|----------|-----------|-----------|----------|----------|------------------|-----------|-----------------|
|                           | Result   | Qualifier | MDL       | RDL      | Dilution | Analysis         | Batch     |                 |
| Analyte                   | mg/l     |           | mg/l      | mg/l     |          | date / time      |           | 4<br>(Cr        |
| Benzene                   | 0.000176 | J         | 0.0000941 | 0.00100  | 1        | 10/03/2024 06:07 | WG2374716 |                 |
| Toluene                   | U        |           | 0.000278  | 0.00100  | 1        | 10/03/2024 06:07 | WG2374716 | 5               |
| Ethylbenzene              | 0.000293 | J         | 0.000137  | 0.00100  | 1        | 10/03/2024 06:07 | WG2374716 | ۲)<br>Sr        |
| Total Xylenes             | U        |           | 0.000174  | 0.00300  | 1        | 10/03/2024 06:07 | WG2374716 |                 |
| (S) Toluene-d8            | 95.0     |           |           | 80.0-120 |          | 10/03/2024 06:07 | WG2374716 | 6               |
| (S) 4-Bromofluorobenzene  | 108      |           |           | 77.0-126 |          | 10/03/2024 06:07 | WG2374716 |                 |
| (S) 1,2-Dichloroethane-d4 | 79.4     |           |           | 70.0-130 |          | 10/03/2024 06:07 | WG2374716 | <sup>7</sup> GI |

SAMPLE RESULTS - 02 L1782803

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#### Wet Chemistry by Method 9056A

Collected date/time: 09/26/24 08:55

|          | Result | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     | <br>Ср |
|----------|--------|-----------|------|------|----------|------------------|-----------|--------|
| Analyte  | mg/l   |           | mg/l | mg/l |          | date / time      |           | 2      |
| Chloride | 2580   |           | 27.4 | 50.0 | 50       | 09/29/2024 19:30 | WG2370904 | Тс     |

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

| Volatile Organic C        | ompound | ds (GC/MS) | by Metho  | d 8260B  |          |                  |                  | ືSs             |
|---------------------------|---------|------------|-----------|----------|----------|------------------|------------------|-----------------|
|                           | Result  | Qualifier  | MDL       | RDL      | Dilution | Analysis         | Batch            |                 |
| Analyte                   | mg/l    |            | mg/l      | mg/l     |          | date / time      |                  | <sup>4</sup> Cr |
| Benzene                   | U       |            | 0.0000941 | 0.00100  | 1        | 10/03/2024 06:29 | WG2374716        |                 |
| Toluene                   | U       |            | 0.000278  | 0.00100  | 1        | 10/03/2024 06:29 | WG2374716        | 5               |
| Ethylbenzene              | U       |            | 0.000137  | 0.00100  | 1        | 10/03/2024 06:29 | WG2374716        | ٽSr             |
| Total Xylenes             | U       |            | 0.000174  | 0.00300  | 1        | 10/03/2024 06:29 | WG2374716        |                 |
| (S) Toluene-d8            | 95.3    |            |           | 80.0-120 |          | 10/03/2024 06:29 | WG2374716        | 600             |
| (S) 4-Bromofluorobenzene  | 108     |            |           | 77.0-126 |          | 10/03/2024 06:29 | WG2374716        |                 |
| (S) 1,2-Dichloroethane-d4 | 81.4    |            |           | 70.0-130 |          | 10/03/2024 06:29 | <u>WG2374716</u> | <sup>7</sup> Gl |

## SAMPLE RESULTS - 03

L1782803

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Collected date/time: 09/26/24 09:04

| Wet Chemistry | y by Method 9 | 9056A     |      |      |          |                  |           | 1   |
|---------------|---------------|-----------|------|------|----------|------------------|-----------|-----|
|               | Result        | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     | Cp  |
| Analyte       | mg/l          |           | mg/l | mg/l |          | date / time      |           | 2   |
| Chloride      | 531           |           | 5.47 | 10.0 | 10       | 09/29/2024 19:40 | WG2370904 | ⁻Tc |

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

| Volatile Organic C        | ompound | ds (GC/MS) | by Metho  | d 8260B  |          |                  |           | <sup>3</sup> Ss |
|---------------------------|---------|------------|-----------|----------|----------|------------------|-----------|-----------------|
|                           | Result  | Qualifier  | MDL       | RDL      | Dilution | Analysis         | Batch     |                 |
| Analyte                   | mg/l    |            | mg/l      | mg/l     |          | date / time      |           | <sup>4</sup> Cr |
| Benzene                   | U       |            | 0.0000941 | 0.00100  | 1        | 10/03/2024 06:52 | WG2374716 |                 |
| Toluene                   | U       |            | 0.000278  | 0.00100  | 1        | 10/03/2024 06:52 | WG2374716 | 5               |
| Ethylbenzene              | U       |            | 0.000137  | 0.00100  | 1        | 10/03/2024 06:52 | WG2374716 | ۲) Sr           |
| Total Xylenes             | U       |            | 0.000174  | 0.00300  | 1        | 10/03/2024 06:52 | WG2374716 |                 |
| (S) Toluene-d8            | 96.4    |            |           | 80.0-120 |          | 10/03/2024 06:52 | WG2374716 | 6<br>0          |
| (S) 4-Bromofluorobenzene  | 107     |            |           | 77.0-126 |          | 10/03/2024 06:52 | WG2374716 |                 |
| (S) 1,2-Dichloroethane-d4 | 81.9    |            |           | 70.0-130 |          | 10/03/2024 06:52 | WG2374716 | <sup>7</sup> Gl |

SDG: L1782803 SAMPLE RESULTS - 04 L1782803

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#### Wet Chemistry by Method 9056A

|          |        |           |      |      |          |                  |           | <br>I Cn |
|----------|--------|-----------|------|------|----------|------------------|-----------|----------|
|          | Result | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     | Cp       |
| Analyte  | mg/l   |           | mg/l | mg/l |          | date / time      |           | 2        |
| Chloride | 697    |           | 5.47 | 10.0 | 10       | 09/29/2024 19:49 | WG2370904 | Tc       |

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

| Volatile Organic C        | ompound | ds (GC/MS) | by Metho  | d 8260B  |          |                  |           | <sup>3</sup> Ss |
|---------------------------|---------|------------|-----------|----------|----------|------------------|-----------|-----------------|
|                           | Result  | Qualifier  | MDL       | RDL      | Dilution | Analysis         | Batch     | L               |
| Analyte                   | mg/l    |            | mg/l      | mg/l     |          | date / time      |           | <sup>4</sup> Cn |
| Benzene                   | U       |            | 0.0000941 | 0.00100  | 1        | 10/03/2024 07:14 | WG2374716 |                 |
| Toluene                   | U       |            | 0.000278  | 0.00100  | 1        | 10/03/2024 07:14 | WG2374716 | 5               |
| Ethylbenzene              | U       |            | 0.000137  | 0.00100  | 1        | 10/03/2024 07:14 | WG2374716 | Šr j            |
| Total Xylenes             | U       |            | 0.000174  | 0.00300  | 1        | 10/03/2024 07:14 | WG2374716 |                 |
| (S) Toluene-d8            | 95.4    |            |           | 80.0-120 |          | 10/03/2024 07:14 | WG2374716 | <sup>6</sup> Oc |
| (S) 4-Bromofluorobenzene  | 102     |            |           | 77.0-126 |          | 10/03/2024 07:14 | WG2374716 |                 |
| (S) 1,2-Dichloroethane-d4 | 79.9    |            |           | 70.0-130 |          | 10/03/2024 07:14 | WG2374716 | <sup>7</sup> Gl |

# SAMPLE RESULTS - 05

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

|                           | Result | Qualifier | MDL       | RDL      | Dilution | Analysis         | Batch     |                 |
|---------------------------|--------|-----------|-----------|----------|----------|------------------|-----------|-----------------|
| Analyte                   | mg/l   |           | mg/l      | mg/l     |          | date / time      |           | 2               |
| Benzene                   | U      |           | 0.0000941 | 0.00100  | 1        | 10/03/2024 02:49 | WG2374716 | Tc              |
| Toluene                   | U      |           | 0.000278  | 0.00100  | 1        | 10/03/2024 02:49 | WG2374716 |                 |
| Ethylbenzene              | U      |           | 0.000137  | 0.00100  | 1        | 10/03/2024 02:49 | WG2374716 | <sup>3</sup> Sc |
| Total Xylenes             | U      |           | 0.000174  | 0.00300  | 1        | 10/03/2024 02:49 | WG2374716 | 0.5             |
| (S) Toluene-d8            | 91.2   |           |           | 80.0-120 |          | 10/03/2024 02:49 | WG2374716 | 4               |
| (S) 4-Bromofluorobenzene  | 106    |           |           | 77.0-126 |          | 10/03/2024 02:49 | WG2374716 | Cr              |
| (S) 1,2-Dichloroethane-d4 | 81.7   |           |           | 70.0-130 |          | 10/03/2024 02:49 | WG2374716 |                 |
|                           |        |           |           |          |          |                  |           |                 |

DATE/TIME: 10/08/24 16:23

#### **Кара 21/2025 12:57:32 РМ**

Wet Chemistry by Method 9056A

#### QUALITY CONTROL SUMMARY L1782803-01,02,03,04

#### Method Blank (MB)

| (MB) R4126824-1 09/29/24 16:30 |           |              |        |        |  |  |  |
|--------------------------------|-----------|--------------|--------|--------|--|--|--|
|                                | MB Result | MB Qualifier | MB MDL | MB RDL |  |  |  |
| Analyte                        | mg/l      |              | mg/l   | mg/l   |  |  |  |
| Chloride                       | U         |              | 0.547  | 1.00   |  |  |  |

## L1782270-04 Original Sample (OS) • Duplicate (DUP)

| L1/822/0-04      | Onginal Sample        | (OS) • Du    | iplicate | (DUP)   |               |                   |
|------------------|-----------------------|--------------|----------|---------|---------------|-------------------|
| (OS) L1782270-04 | 09/29/24 17:17 • (DUP | ) R4126824-3 | 09/29/24 | 17:27   |               |                   |
|                  | Original Result       | DUP Result   | Dilution | DUP RPD | DUP Qualifier | DUP RPD<br>Limits |
| Analyte          | mg/l                  | mg/l         |          | %       |               | %                 |
| Chloride         | 105                   | 103          | 1        | 1.87    |               | 15                |

## L1782342-03 Original Sample (OS) • Duplicate (DUP)

| L1782342-03 Origin       | nal Sample      | (OS) • Dup    | olicate ( | DUP)    |               |                   | <sup>7</sup> Gl |
|--------------------------|-----------------|---------------|-----------|---------|---------------|-------------------|-----------------|
| (OS) L1782342-03 09/29/2 | 24 18:43 • (DUF | 9) R4126824-6 | 09/29/24  | 18:52   |               |                   |                 |
|                          | Original Result | DUP Result    | Dilution  | DUP RPD | DUP Qualifier | DUP RPD<br>Limits | <sup>8</sup> Al |
| Analyte                  | mg/l            | mg/l          |           | %       |               | %                 |                 |
| Chloride                 | U               | U             | 1         | 0.000   |               | 15                | °Sc             |

#### Laboratory Control Sample (LCS)

| (LCS) R4126824-2 09/29/2 | _CS) R4126824-2 09/29/24 16:39 |            |          |                 |               |  |  |  |  |  |
|--------------------------|--------------------------------|------------|----------|-----------------|---------------|--|--|--|--|--|
|                          | Spike Amount                   | LCS Result | LCS Rec. | Rec. Limits     | LCS Qualifier |  |  |  |  |  |
| Analyte                  | mg/l                           | mg/l       | %        | %               |               |  |  |  |  |  |
| Chlorido                 | 40.0                           | 20.0       | 00 F     | <u>80 0 120</u> |               |  |  |  |  |  |

## L1782270-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

| (OS) L1782270-04 09/29/2 | 24 17:17 • (MS) F | 4126824-4 09    | 9/29/24 17:36 • | (MSD) R412682 | 24-5 09/29/24 | 17:46    |          |             |              |               |      |            |
|--------------------------|-------------------|-----------------|-----------------|---------------|---------------|----------|----------|-------------|--------------|---------------|------|------------|
|                          | Spike Amount      | Original Result | MS Result       | MSD Result    | MS Rec.       | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
| Analyte                  | mg/l              | mg/l            | mg/l            | mg/l          | %             | %        |          | %           |              |               | %    | %          |
| Chloride                 | 40.0              | 105             | 125             | 127           | 51.3          | 54.8     | 1        | 80.0-120    | <u>J6</u>    | <u>J6</u>     | 1.10 | 15         |

## L1782342-03 Original Sample (OS) • Matrix Spike (MS)

| (OS) L1782342-03 09/29/2 | )S) L1782342-03 09/29/24 18:43 • (MS) R4126824-7 09/29/24 19:02 |                 |           |         |          |             |              |  |  |  |  |
|--------------------------|---|-----------------|-----------|---------|----------|-------------|--------------|--|--|--|--|
|                          | Spike Amount  | Original Result | MS Result | MS Rec. | Dilution | Rec. Limits | MS Qualifier |  |  |  |  |
| Analyte                  | mg/l  | mg/l            | mg/l      | %       |          | %           |              |  |  |  |  |
| Chloride                 | 40.0  | U               | 39.6      | 99.0    | 1        | 80.0-120    |              |  |  |  |  |

Released to Imaging<sup>A</sup> 6/23/2025 10:05:45 AM Phillips 66 - Tasman

PROJECT: 311090017

SDG: L1782803

DATE/TIME: 10/08/24 16:23

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

# QUALITY CONTROL SUMMARY

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#### Method Blank (MB)

| (MB) R4129550-3 10/03/2   | MB) R4129550-3 10/03/24 02:05 |              |           |          |  |  |  |  |  |  |
|---------------------------|-------------------------------|--------------|-----------|----------|--|--|--|--|--|--|
|                           | MB Result                     | MB Qualifier | MB MDL    | MB RDL   |  |  |  |  |  |  |
| Analyte                   | mg/l                          |              | mg/l      | mg/l     |  |  |  |  |  |  |
| Benzene                   | U                             |              | 0.0000941 | 0.00100  |  |  |  |  |  |  |
| Toluene                   | U                             |              | 0.000278  | 0.00100  |  |  |  |  |  |  |
| Ethylbenzene              | U                             |              | 0.000137  | 0.00100  |  |  |  |  |  |  |
| Total Xylenes             | U                             |              | 0.000174  | 0.00300  |  |  |  |  |  |  |
| (S) Toluene-d8            | 91.6                          |              |           | 80.0-120 |  |  |  |  |  |  |
| (S) 4-Bromofluorobenzene  | 108                           |              |           | 77.0-126 |  |  |  |  |  |  |
| (S) 1,2-Dichloroethane-d4 | 83.8                          |              |           | 70.0-130 |  |  |  |  |  |  |

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

| (LCS) R4129550-1 10/03/24 00:04 • (LCSD) R4129550-2 10/03/24 01:12 |              |            |             |          |           |             |               |                |      |            |
|--|--------------|------------|-------------|----------|-----------|-------------|---------------|----------------|------|------------|
|  | Spike Amount | LCS Result | LCSD Result | LCS Rec. | LCSD Rec. | Rec. Limits | LCS Qualifier | LCSD Qualifier | RPD  | RPD Limits |
| Analyte  | mg/l         | mg/l       | mg/l        | %        | %         | %           |               |                | %    | %          |
| Benzene  | 0.00500      | 0.00464    | 0.00439     | 92.8     | 87.8      | 70.0-123    |               |                | 5.54 | 20         |
| Toluene  | 0.00500      | 0.00427    | 0.00416     | 85.4     | 83.2      | 79.0-120    |               |                | 2.61 | 20         |
| Ethylbenzene   | 0.00500      | 0.00495    | 0.00471     | 99.0     | 94.2      | 79.0-123    |               |                | 4.97 | 20         |
| Total Xylenes  | 0.0150       | 0.0149     | 0.0143      | 99.3     | 95.3      | 79.0-123    |               |                | 4.11 | 20         |
| (S) Toluene-d8   |              |            |             | 92.4     | 94.1      | 80.0-120    |               |                |      |            |
| (S) 4-Bromofluorobenzene   |              |            |             | 100      | 103       | 77.0-126    |               |                |      |            |
| (S) 1,2-Dichloroethane-d4  |              |            |             | 83.3     | 80.1      | 70.0-130    |               |                |      |            |

## L1782745-20 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

| ,OS) L1782745-20 10/03/24 08:41 • (MS) R4129550-4 10/03/24 10:09 • (MSD) R4129550-5 10/03/24 10:32 |              |                 |           |            |         |          |          |             |                    |               |       |            |
|--|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------------|---------------|-------|------------|
|  | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier       | MSD Qualifier | RPD   | RPD Limits |
| Analyte  | mg/l         | mg/l            | mg/l      | mg/l       | %       | %        |          | %           |                    |               | %     | %          |
| Benzene  | 0.250        | 2.67            | 3.11      | 3.21       | 176     | 216      | 50       | 17.0-158    | $\underline{\vee}$ | V             | 3.16  | 27         |
| Toluene  | 0.250        | 0.0180          | 0.230     | 0.232      | 84.8    | 85.6     | 50       | 26.0-154    |                    |               | 0.866 | 28         |
| Ethylbenzene   | 0.250        | 0.308           | 0.579     | 0.614      | 108     | 122      | 50       | 30.0-155    |                    |               | 5.87  | 27         |
| Total Xylenes  | 0.750        | 0.492           | 1.27      | 1.31       | 104     | 109      | 50       | 29.0-154    |                    |               | 3.10  | 28         |
| (S) Toluene-d8   |              |                 |           |            | 93.9    | 96.8     |          | 80.0-120    |                    |               |       |            |
| (S) 4-Bromofluorobenzene   |              |                 |           |            | 95.4    | 99.2     |          | 77.0-126    |                    |               |       |            |
| (S) 1,2-Dichloroethane-d4  |              |                 |           |            | 73.6    | 75.3     |          | 70.0-130    |                    |               |       |            |

SDG: L1782803 DATE/TIME: 10/08/24 16:23

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## 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<br>for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or<br>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<br>(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<br>Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or<br>analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not<br>being performed on your samples typically, but on laboratory generated material.  |
| Sample Chain of<br>Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.  |
| Sample Results (Sr)             | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.   |
| Sample Summary (Ss)             | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.  |
| Qualifier                       | Description  |

| J The identification | of the analyte is acceptable; the reported value is an estimate.                      |
|----------------------|---|
| J6 The sample matr   | x interfered with the ability to make any accurate determination; spike value is low. |
| V The sample cond    | entration is too high to evaluate accurate spike recoveries.                          |

PROJECT: 311090017

SDG: L1782803 DATE/TIME: 10/08/24 16:23

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# Received by OCD: 3/31/2025 12:57:32 PACCREDITATIONS & LOCATIONS

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| 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 <sup>1</sup>     | TN00003          |
| Colorado               | TN00003     | New York                    | 11742            |
| Connecticut            | PH-0197     | North Carolina              | Env375           |
| Florida                | E87487      | North Carolina <sup>1</sup> | DW21704          |
| Georgia                | NELAP       | North Carolina <sup>3</sup> | 41               |
| Georgia <sup>1</sup>   | 923         | North Dakota                | R-140            |
| Idaho                  | TN00003     | Ohio–VAP                    | CL0069           |
| Illinois               | 200008      | Oklahoma                    | 9915             |
| Indiana                | C-TN-01     | Oregon                      | TN200002         |
| lowa                   | 364         | Pennsylvania                | 68-02979         |
| Kansas                 | E-10277     | Rhode Island                | LAO00356         |
| Kentucky <sup>16</sup> | KY90010     | South Carolina              | 84004002         |
| Kentucky <sup>2</sup>  | 16          | South Dakota                | n/a              |
| Louisiana              | AI30792     | Tennessee <sup>14</sup>     | 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     |                             |                  |

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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.

SDG: L1782803

| Company Name/Address:   |  |                    | Billing Info | rmation:                     |                          | Analysis / Container / Preservative |                                |           |                       |   |                      |  | Chain of Custody | Page of   |  |  |
|---|--|--------------------|--------------|------------------------------|--------------------------|-------------------------------------|--------------------------------|-----------|-----------------------|---|----------------------|--|------------------|---|--|--|
| Phillips 66 - Tasman<br>2620 W. Marland Blvd<br>Hobbs, NM 88240                                 | Steve Weathers<br>370 17th St, Ste 2500<br>Denver, CO 80202  |                    |              |                              |                          | Pres<br>Chk                         |                                |           |                       |   |                      |  |                  | - Paa<br>PEOPLE   | CC°<br>Idvancing science   |  |
| Report to:  | port to: Emai  |                    |              |                              | mail To: knorman@tasman- |                                     |                                |           |                       |   |                      |  |                  | MT JU   | LIET, TN   |  |
| Brett Dennis  |  |                    | geo.com;S    | tephen.Weath                 | ers@p66.com;b            | dennis                              | and West                       |           |                       |   |                      |  |                  | Submitting a sample via   | this chain of custody  |  |
| Project Description:<br>Burton Flats Booster Station  | City/State<br>Collected:   |                    |              |                              | Please C<br>PT MT 0      | ircle:<br>CT ET                     |                                |           |                       |   | •                    |  |                  | Pace Terms and Condition<br>https://info.pacelabs.com<br>terms.pdf                      | ns found at:<br>n/hubfs/pas-standard-  |  |
| Phone: 720-218-4003   | Client Proje   | ect #              |              | Lab Project #                | AN-BURTON                | FLAT                                | oPres                          | ţĊ        | HCI-BIK               |   |                      |  |                  | SDG # 7   | 8280   |  |
| Collected by (print):<br>Kendon Stark   | Site/Facility  | Site/Facility ID # |              |                              | 28                       |                                     | DPE-N                          | Amb-H     | Amb-H                 |   |                      |  |                  | Acctnum: DCP  | TASMAN   |  |
| Collected by (signature):   | Rush?   (Lab MUST Be Notified)    Same Day  Five Day    Next Day  5 Day (Rad Only)    Two Day  10 Day (Rad Only)    The Day  10 Day (Rad Only) |                    |              | ad Only) Date Results Needed |                          |                                     | e 250mlHD                      | BTEX 40ml | BTEX 40ml/            |   |                      |  |                  | Template: <b>T12</b><br>Prelogin: <b>P110</b><br>PM: <b>824</b> - Chris<br>PB: <b>9</b> | 7771<br>01081<br>Ward<br>24 BK   |  |
| Sample ID   | Comp/Gra   | b Matrix *         | Depth        | Depth Date Time              |                          |                                     | Chlori                         | /8260     | V8260                 |   |                      |  |                  | Shipped Via: Fe<br>Remarks  | dEX Ground   |  |
| MW-1  | Grab   | GW                 | MA           | 9/26/2                       | 08:47                    | 24                                  | X                              | ×         | -                     |   |                      |  |                  |   | For the second |  |
| MW-2  | 1  | GW                 | 1            |                              | 06151                    | 54                                  | X                              | X         |                       |   |                      |  |                  |   | -02  |  |
| MW-3  |  | GW                 |              |                              | 09:00                    | 14                                  | X                              | X         |                       |   |                      |  |                  |   | -03  |  |
| MW-4  |  | GW                 |              |                              |                          | -                                   |                                | 1-        |                       |   |                      |  | -                |   |  |  |
| DUPLICATE   |  | GW                 |              |                              | -                        | И                                   | X                              | K         |                       |   |                      |  |                  |   | -OY  |  |
|   |  | GW                 |              |                              |                          |                                     | 1                              | 1         |                       |   | - Promision          |  |                  |   |  |  |
| TRIP BLANK  | V  | GW                 | V            |                              | -                        | 4                                   |                                |           | X                     |   |                      |  |                  |   | -05  |  |
|   |  |                    |              |                              |                          |                                     |                                |           |                       |   |                      |  |                  |   |  |  |
|   |  |                    |              |                              |                          |                                     |                                |           |                       |   |                      |  |                  |   |  |  |
|   |  |                    |              |                              |                          |                                     |                                |           |                       |   |                      |  |                  |   |  |  |
| * Matrix:<br>55 - Soil AIR - Air F - Filter<br>GW - Groundwater B - Bioassay<br>WW - WasteWater |  |                    |              |                              |                          |                                     |                                |           | pH Temp<br>Flow Other |   |                      | Sample Receipt Checklist<br>COC Seal Present/Intact:NPYN<br>COC Signed/Accurate:N<br>Bottles arrive intact:N<br>Correct bottles used:N |                  |   |  |  |
| DW - Drinking Water<br>DT - Other   | Samples returned via:<br>UPSFedExCourier   |                    |              |                              |                          | 02 9173 746 96                      |                                |           |                       |   | 76                   | Sufficient volume sent:<br>If Applicable<br>VOA Zero Headspace:<br>Y N   |                  |   |  |  |
| Relinquished by : (Signature)   | Date: Time: Received by: (S  |                    |              |                              |                          | iture)                              |                                |           |                       | Trip Blank Received: Y95 / No<br>4 HCL / MeoH |                      |  | Prese<br>RAD So  | Preservation Correct/Checked:N<br>RAD Screen <0.5 mR/hr:N                               |  |  |
| Relinquished by : (Signature)   | Date: Time: Received by: (Sig  |                    |              |                              | ceived by: (Signa        | ature)                              | Temp: MStg°C Bottles Received: |           |                       |   | If prese             | If preservation required by Login: Date/Time   |                  |   |  |  |
| Relinquished by : (Signature)   | Date: Time: Received for lab by:   |                    |              | : (Signat                    | gnature) Date: Time:     |                                     |                                |           | Hold:                 |   | Condition:<br>NCF OK |  |                  |   |  |  |

Released to Imaging: 6/23/2025 10:05:45 AM

Received by OCD: 3/31/2025 12:57:32 PM



Pace Analytical® ANALYTICAL REPORT December 20, 2024

## Phillips 66 - Tasman

Sample Delivery Group: Samples Received: Project Number: Description:

Report To:

L1810397 12/17/2024 311090017 **Burton Flats Booster Station** 

Brett Dennis 2620 W. Marland Blvd Hobbs, NM 88240

## Entire Report Reviewed By:

Chris Word

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

Released to Imaging: 8/23/2025 10:05:45 AM Phillips 66 - Tasman

PROJECT: 311090017

SDG: L1810397

DATE/TIME: 12/20/24 12:43 PAGE: 1 of 14

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## SAMPLE SUMMARY

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|  |           |          | Collected by             | Collected date/time   | Received da  | ite/time       |
|--|-----------|----------|--------------------------|-----------------------|--------------|----------------|
| MW-1 L1810397-01 GW                                |           |          | Kendon Stark             | 12/16/24 09:24        | 12/17/24 09: | 00             |
| Method   | Batch     | Dilution | Preparation              | Analysis              | Analyst      | Location       |
|  |           |          | date/time                | date/time             |              |                |
| Wet Chemistry by Method 9056A                      | WG2420214 | 10       | 12/18/24 19:33           | 12/18/24 19:33        | ZSA          | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2422337 | 1        | 12/20/24 03:07           | 12/20/24 03:07        | JHH          | Mt. Juliet, TN |
|  |           |          | Collected by             | Collected date/time   | Received da  | ite/time       |
| MW-2 L1810397-02 GW                                |           |          | Kendon Stark             | 12/16/24 09:45        | 12/17/24 09: | 00             |
| Method   | Batch     | Dilution | Preparation<br>date/time | Analysis<br>date/time | Analyst      | Location       |
| Wet Chemistry by Method 9056A                      | WG2420214 | 50       | 12/18/24 19:43           | 12/18/24 19:43        | ZSA          | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2422337 | 1        | 12/20/24 03:30           | 12/20/24 03:30        | JHH          | Mt. Juliet, TN |
|  |           |          | Collected by             | Collected date/time   | Received da  | ite/time       |
| MW-3 L1810397-03 GW                                |           |          | Kendon Stark             | 12/16/24 09:58        | 12/17/24 09: | 00             |
| Method   | Batch     | Dilution | Preparation<br>date/time | Analysis<br>date/time | Analyst      | Location       |
| Wet Chemistry by Method 9056A                      | WG2420214 | 10       | 12/18/24 19:52           | 12/18/24 19:52        | ZSA          | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2422337 | 1        | 12/20/24 03:54           | 12/20/24 03:54        | JHH          | Mt. Juliet, TN |
|  |           |          | Collected by             | Collected date/time   | Received da  | te/time        |
| DUPLICATE L1810397-04 GW                           |           |          | Kendon Stark             | 12/16/24 00:00        | 12/17/24 09: | 00             |
| Method   | Batch     | Dilution | Preparation<br>date/time | Analysis<br>date/time | Analyst      | Location       |
| Wet Chemistry by Method 9056A                      | WG2420214 | 10       | 12/18/24 20:02           | 12/18/24 20:02        | ZSA          | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2422337 | 1        | 12/20/24 04:17           | 12/20/24 04:17        | JHH          | Mt. Juliet, TN |
|  |           |          | Collected by             | Collected date/time   | Received da  | te/time        |
| TRIP BLANK L1810397-05 GW                          |           |          | Kendon Stark             | 12/16/24 00:00        | 12/17/24 09: | 00             |
| Method   | Batch     | Dilution | Preparation              | Analysis              | Analyst      | Location       |
|  |           |          | date/time                | date/time             |              |                |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2422337 | 1        | 12/20/24 02:20           | 12/20/24 02:20        | JHH          | Mt. Juliet, TN |

SDG: L1810397 DATE/TIME: 12/20/24 12:43

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## CASE NARRATIVE

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Chris Ward Project Manager

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#### SAMPLE RESULTS - 01 L1810397

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Collected date/time: 12/16/24 09:24

#### Wet Chemistry by Method 9056A

|          | Result | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     | Ср |
|----------|--------|-----------|------|------|----------|------------------|-----------|----|
| Analyte  | mg/l   |           | mg/l | mg/l |          | date / time      |           | 2  |
| Chloride | 703    |           | 5.47 | 10.0 | 10       | 12/18/2024 19:33 | WG2420214 | Tc |

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

| Volatile Organic Compounds (GC/MS) by Method 8260B |                         |  |        |          |          |                  |           |                 |  |  |
|--|-------------------------|--|--------|----------|----------|------------------|-----------|-----------------|--|--|
|  | Result <u>Qualifier</u> |  | MDL    | RDL      | Dilution | Analysis         | Batch     |                 |  |  |
| Analyte  | ug/l                    |  | ug/l   | ug/l     |          | date / time      |           | <sup>4</sup> Cr |  |  |
| Benzene  | U                       |  | 0.0941 | 1.00     | 1        | 12/20/2024 03:07 | WG2422337 |                 |  |  |
| Toluene  | U                       |  | 0.278  | 1.00     | 1        | 12/20/2024 03:07 | WG2422337 | 5               |  |  |
| Ethylbenzene                                       | U                       |  | 0.137  | 1.00     | 1        | 12/20/2024 03:07 | WG2422337 | Š۲ ا            |  |  |
| Total Xylenes                                      | U                       |  | 0.174  | 3.00     | 1        | 12/20/2024 03:07 | WG2422337 |                 |  |  |
| (S) Toluene-d8                                     | 107                     |  |        | 80.0-120 |          | 12/20/2024 03:07 | WG2422337 | <sup>6</sup> Oc |  |  |
| (S) 4-Bromofluorobenzene                           | 98.7                    |  |        | 77.0-126 |          | 12/20/2024 03:07 | WG2422337 |                 |  |  |
| (S) 1,2-Dichloroethane-d4                          | 107                     |  |        | 70.0-130 |          | 12/20/2024 03:07 | WG2422337 | <sup>7</sup> Gl |  |  |

#### SAMPLE RESULTS - 02 L1810397

Collected date/time: 12/16/24 09:45

#### Wet Chemistry by Method 9056A

|          | Result | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     | <br>Ср |
|----------|--------|-----------|------|------|----------|------------------|-----------|--------|
| Analyte  | mg/l   |           | mg/l | mg/l |          | date / time      |           | 2      |
| Chloride | 2140   |           | 27.4 | 50.0 | 50       | 12/18/2024 19:43 | WG2420214 | Tc     |

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

| Volatile Organic C        | ompound | ds (GC/MS) | ) by Meth | od 8260B |          |                  |           | <sup>3</sup> Ss |
|---------------------------|---------|------------|-----------|----------|----------|------------------|-----------|-----------------|
|                           | Result  | Qualifier  | MDL       | RDL      | Dilution | Analysis         | Batch     | L_              |
| Analyte                   | ug/l    |            | ug/l      | ug/l     |          | date / time      |           | 4<br>(Cr        |
| Benzene                   | U       |            | 0.0941    | 1.00     | 1        | 12/20/2024 03:30 | WG2422337 |                 |
| Toluene                   | U       |            | 0.278     | 1.00     | 1        | 12/20/2024 03:30 | WG2422337 | 5               |
| Ethylbenzene              | U       |            | 0.137     | 1.00     | 1        | 12/20/2024 03:30 | WG2422337 | ٌSr             |
| Total Xylenes             | U       |            | 0.174     | 3.00     | 1        | 12/20/2024 03:30 | WG2422337 |                 |
| (S) Toluene-d8            | 104     |            |           | 80.0-120 |          | 12/20/2024 03:30 | WG2422337 | <sup>6</sup> Oc |
| (S) 4-Bromofluorobenzene  | 95.7    |            |           | 77.0-126 |          | 12/20/2024 03:30 | WG2422337 |                 |
| (S) 1,2-Dichloroethane-d4 | 107     |            |           | 70.0-130 |          | 12/20/2024 03:30 | WG2422337 | 7               |

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# SAMPLE RESULTS - 03

L1810397

Collected date/time: 12/16/24 09:58

| Wet Chemistry by | Wet Chemistry by Method 9056A |           |      |      |          |                  |                  |   |    |  |  |  |
|------------------|-------------------------------|-----------|------|------|----------|------------------|------------------|---|----|--|--|--|
|                  | Result                        | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch            |   | Ср |  |  |  |
| Analyte          | mg/l                          |           | mg/l | mg/l |          | date / time      |                  | 2 | ,  |  |  |  |
| Chloride         | 579                           |           | 5.47 | 10.0 | 10       | 12/18/2024 19:52 | <u>WG2420214</u> |   | Тс |  |  |  |

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

| Volatile Organic C        | ompound | ds (GC/MS) | ) by Meth | od 8260B |          |                  |           | <sup>3</sup> Ss |
|---------------------------|---------|------------|-----------|----------|----------|------------------|-----------|-----------------|
|                           | Result  | Qualifier  | MDL       | RDL      | Dilution | Analysis         | Batch     |                 |
| Analyte                   | ug/l    |            | ug/l      | ug/l     |          | date / time      |           | <sup>4</sup> Cr |
| Benzene                   | U       |            | 0.0941    | 1.00     | 1        | 12/20/2024 03:54 | WG2422337 |                 |
| Toluene                   | U       |            | 0.278     | 1.00     | 1        | 12/20/2024 03:54 | WG2422337 | 5               |
| Ethylbenzene              | U       |            | 0.137     | 1.00     | 1        | 12/20/2024 03:54 | WG2422337 | ٌSr             |
| Total Xylenes             | U       |            | 0.174     | 3.00     | 1        | 12/20/2024 03:54 | WG2422337 |                 |
| (S) Toluene-d8            | 106     |            |           | 80.0-120 |          | 12/20/2024 03:54 | WG2422337 | 6<br>0 (        |
| (S) 4-Bromofluorobenzene  | 99.6    |            |           | 77.0-126 |          | 12/20/2024 03:54 | WG2422337 |                 |
| (S) 1,2-Dichloroethane-d4 | 109     |            |           | 70.0-130 |          | 12/20/2024 03:54 | WG2422337 | 7               |

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#### SAMPLE RESULTS - 04 L1810397

Wet Chemistry by Method 9056A

|          |        |           |      |      |          |                  |           | l'Cn |
|----------|--------|-----------|------|------|----------|------------------|-----------|------|
|          | Result | Qualifier | MDL  | RDL  | Dilution | Analysis         | Batch     |      |
| Analyte  | mg/l   |           | mg/l | mg/l |          | date / time      |           | 2    |
| Chloride | 708    |           | 5.47 | 10.0 | 10       | 12/18/2024 20:02 | WG2420214 | Tc   |

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

| Volatile Organic C        | ompound | ds (GC/MS) | ) by Meth | od 8260B |          |                  |           | <sup>3</sup> Ss |
|---------------------------|---------|------------|-----------|----------|----------|------------------|-----------|-----------------|
|                           | Result  | Qualifier  | MDL       | RDL      | Dilution | Analysis         | Batch     |                 |
| Analyte                   | ug/l    |            | ug/l      | ug/l     |          | date / time      |           | <sup>4</sup> Cn |
| Benzene                   | U       |            | 0.0941    | 1.00     | 1        | 12/20/2024 04:17 | WG2422337 |                 |
| Toluene                   | U       |            | 0.278     | 1.00     | 1        | 12/20/2024 04:17 | WG2422337 | 5               |
| Ethylbenzene              | U       |            | 0.137     | 1.00     | 1        | 12/20/2024 04:17 | WG2422337 | Šr ا            |
| Total Xylenes             | U       |            | 0.174     | 3.00     | 1        | 12/20/2024 04:17 | WG2422337 |                 |
| (S) Toluene-d8            | 108     |            |           | 80.0-120 |          | 12/20/2024 04:17 | WG2422337 | 6<br>0 c        |
| (S) 4-Bromofluorobenzene  | 98.1    |            |           | 77.0-126 |          | 12/20/2024 04:17 | WG2422337 |                 |
| (S) 1,2-Dichloroethane-d4 | 108     |            |           | 70.0-130 |          | 12/20/2024 04:17 | WG2422337 | 7               |

## SAMPLE RESULTS - 05 L1810397

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

|                           | Result | Qualifier | MDL    | RDL      | Dilution | Analysis         | Batch     |                 |
|---------------------------|--------|-----------|--------|----------|----------|------------------|-----------|-----------------|
| Analyte                   | ug/l   |           | ug/l   | ug/l     |          | date / time      |           | 2               |
| Benzene                   | U      |           | 0.0941 | 1.00     | 1        | 12/20/2024 02:20 | WG2422337 | Tc              |
| Toluene                   | U      |           | 0.278  | 1.00     | 1        | 12/20/2024 02:20 | WG2422337 |                 |
| Ethylbenzene              | U      |           | 0.137  | 1.00     | 1        | 12/20/2024 02:20 | WG2422337 | <sup>3</sup> Cc |
| Total Xylenes             | U      |           | 0.174  | 3.00     | 1        | 12/20/2024 02:20 | WG2422337 | 53              |
| (S) Toluene-d8            | 105    |           |        | 80.0-120 |          | 12/20/2024 02:20 | WG2422337 | 4               |
| (S) 4-Bromofluorobenzene  | 98.3   |           |        | 77.0-126 |          | 12/20/2024 02:20 | WG2422337 | Cr              |
| (S) 1,2-Dichloroethane-d4 | 110    |           |        | 70.0-130 |          | 12/20/2024 02:20 | WG2422337 |                 |
|                           |        |           |        |          |          |                  |           |                 |

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SDG: L1810397

DATE/TIME: 12/20/24 12:43

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### Received 47 0 CD 1 2/31/2025 12:57:32 PM

Wet Chemistry by Method 9056A

### QUALITY CONTROL SUMMARY L1810397-01,02,03,04

### Method Blank (MB)

| (MB) R4159523-1 12/18/24 | /IB) R4159523-1 12/18/24 15:55 |              |        |        |  |  |  |  |
|--------------------------|--------------------------------|--------------|--------|--------|--|--|--|--|
|                          | MB Result                      | MB Qualifier | MB MDL | MB RDL |  |  |  |  |
| Analyte                  | mg/l                           |              | mg/l   | mg/l   |  |  |  |  |
| Chloride                 | U                              |              | 0.547  | 1.00   |  |  |  |  |

## L1808033-22 Original Sample (OS) • Duplicate (DUP)

| (OS) L1808033-22 071GII  | 1 16:13 • (DUP) | R4159523-3 1 | 2/18/24 16 | (DUP)<br>:23 |  |    | <br><sup>4</sup> Cn |
|--|-----------------|--------------|------------|--------------|--|----|---------------------|
| Original Result DUP Result Dilution DUP RPD <u>DUP Qualifier</u> |                 |              |            |              |  |    | <sup>5</sup> Sr     |
| Analyte  | mg/l            | mg/l         |            | %            |  | %  |                     |
| Chloride   | 13.1            | 13.1         | 1          | 0.154        |  | 15 | <sup>6</sup> Qc     |

## L1808033-24 Original Sample (OS) • Duplicate (DUP)

| L1808033-24 Origin   | 1808033-24 Original Sample (OS) • Duplicate (DUP) |               |            |      |  |    |                 |  |  |
|--|---|---------------|------------|------|--|----|-----------------|--|--|
| (OS) L1808033-24 12/18/2   | 4 16:51 • (DUP)                                   | R4159523-6 12 | 2/18/24 17 | :01  |  |    |                 |  |  |
| Original Result DUP Result Dilution DUP RPD DUP Qualifier DUP RPD Limits |   |               |            |      |  |    |                 |  |  |
| Analyte  | mg/l  | mg/l          |            | %    |  | %  |                 |  |  |
| Chloride   | 4.41  | 4.31          | 1          | 2.35 |  | 15 | <sup>9</sup> Sc |  |  |

#### Laboratory Control Sample (LCS)

| (LCS) R4159523-2 12/18/24 16:04 |              |            |          |             |               |  |  |  |  |  |  |
|---------------------------------|--------------|------------|----------|-------------|---------------|--|--|--|--|--|--|
|                                 | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |  |  |  |  |  |  |
| Analyte                         | mg/l         | mg/l       | %        | %           |               |  |  |  |  |  |  |
| Chlorido                        | 40.0         | 20.0       | 07.0     | 00.0.100    |               |  |  |  |  |  |  |

## L1808033-22 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

| (OS) L1808033-22 12/18/24 16:13 • (MS) R4159523-4 12/18/24 16:32 • (MSD) R4159523-5 12/18/24 16:42                     |      |      |      |      |      |      |   |          |  |  |       |    |
|--|------|------|------|------|------|------|---|----------|--|--|-------|----|
| Spike Amount Original Result MS Result MS Rec. MSD Rec. Dilution Rec. Limits MS Qualifier MSD Qualifier RPD RPD Limits |      |      |      |      |      |      |   |          |  |  |       |    |
| Analyte  | mg/l | mg/l | mg/l | mg/l | %    | %    |   | %        |  |  | %     | %  |
| Chloride   | 40.0 | 13.1 | 49.4 | 49.0 | 90.6 | 89.7 | 1 | 80.0-120 |  |  | 0.753 | 15 |

#### L1808033-24 Original Sample (OS) • Matrix Spike (MS)

| ,OS) L1808033-24 12/18/24 16:51 • (MS) R4159523-7 12/18/24 17:10 |              |                 |           |         |          |             |              |  |  |  |
|--|--------------|-----------------|-----------|---------|----------|-------------|--------------|--|--|--|
|  | Spike Amount | Original Result | MS Result | MS Rec. | Dilution | Rec. Limits | MS Qualifier |  |  |  |
| Analyte  | mg/l         | mg/l            | mg/l      | %       |          | %           |              |  |  |  |
| Chloride   | 40.0         | 4.41            | 41.9      | 93.8    | 1        | 80.0-120    |              |  |  |  |

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DATE/TIME: 12/20/24 12:43

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Ss

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

# QUALITY CONTROL SUMMARY

## Page 87 of 98

Тс

Ss

Cn

Sr

Qc

#### Method Blank (MB)

| (NAD) D 446 0470 0 40/00/0 | 4.04.00                        |              |        |          |  |  |  |
|----------------------------|--------------------------------|--------------|--------|----------|--|--|--|
| (MB) R4160178-3 12/20/24   | /IB) R41601/8-3 12/20/24 01:33 |              |        |          |  |  |  |
|                            | MB Result                      | MB Qualifier | MB MDL | MB RDL   |  |  |  |
| Analyte                    | 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   | 100                            |              |        | 77.0-126 |  |  |  |
| (S) 1,2-Dichloroethane-d4  | 105                            |              |        | 70.0-130 |  |  |  |

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

| (LCS) R4160178-1 12/20/24 | 00:23 • (LCSD | ) R4160178-2 | 12/20/24 00:46 | 6        |           |             |               |                |      |            | 7               |
|---------------------------|---------------|--------------|----------------|----------|-----------|-------------|---------------|----------------|------|------------|-----------------|
|                           | Spike Amount  | LCS Result   | LCSD Result    | LCS Rec. | LCSD Rec. | Rec. Limits | LCS Qualifier | LCSD Qualifier | RPD  | RPD Limits | <sup>′</sup> Gl |
| Analyte                   | ug/l          | ug/l         | ug/l           | %        | %         | %           |               |                | %    | %          |                 |
| Benzene                   | 5.00          | 4.98         | 5.06           | 99.6     | 101       | 70.0-123    |               |                | 1.59 | 20         | 8               |
| Toluene                   | 5.00          | 5.15         | 5.28           | 103      | 106       | 79.0-120    |               |                | 2.49 | 20         | A               |
| Ethylbenzene              | 5.00          | 4.96         | 5.14           | 99.2     | 103       | 79.0-123    |               |                | 3.56 | 20         | Q               |
| Total Xylenes             | 15.0          | 15.4         | 15.6           | 103      | 104       | 79.0-123    |               |                | 1.29 | 20         | Sc              |
| (S) Toluene-d8            |               |              |                | 103      | 104       | 80.0-120    |               |                |      |            |                 |
| (S) 4-Bromofluorobenzene  |               |              |                | 100      | 101       | 77.0-126    |               |                |      |            |                 |
| (S) 1,2-Dichloroethane-d4 |               |              |                | 106      | 104       | 70.0-130    |               |                |      |            |                 |

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## 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<br>(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<br>Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or<br>analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not<br>being performed on your samples typically, but on laboratory generated material.  |
| Sample Chain of<br>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<br>by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for<br>each sample will provide the name and method number for the analysis reported.   |
| Sample Summary (Ss)             | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.  |
| Qualifier                       | Description  |

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

PROJECT: 311090017

SDG: L1810397 DATE/TIME: 12/20/24 12:43

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# Received by OCD: 3/31/2025 12:57:32 PACCREDITATIONS & LOCATIONS

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|-----------|------|
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| 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 <sup>1</sup>     | TN00003          |
| Colorado               | TN00003     | New York                    | 11742            |
| Connecticut            | PH-0197     | North Carolina              | Env375           |
| Florida                | E87487      | North Carolina <sup>1</sup> | DW21704          |
| Georgia                | NELAP       | North Carolina <sup>3</sup> | 41               |
| Georgia <sup>1</sup>   | 923         | North Dakota                | R-140            |
| Idaho                  | TN00003     | Ohio–VAP                    | CL0069           |
| Illinois               | 200008      | Oklahoma                    | 9915             |
| Indiana                | C-TN-01     | Oregon                      | TN200002         |
| lowa                   | 364         | Pennsylvania                | 68-02979         |
| Kansas                 | E-10277     | Rhode Island                | LAO00356         |
| Kentucky <sup>16</sup> | KY90010     | South Carolina              | 84004002         |
| Kentucky <sup>2</sup>  | 16          | South Dakota                | n/a              |
| Louisiana              | AI30792     | Tennessee <sup>14</sup>     | 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     |                             |                  |

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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.

SDG: L1810397 DATE/TIME: 12/20/24 12:43

### Received by OCD: 3/31/2025 12:57:32 PM

| Company Name/Address:  |                             |                     | Billing Infor  | rmation:                   |                 |        |       |      |        | Analysis   | Contain              | ner / Preserv               | ative      |                                      |  | Chain of Custod                                       | Page of  |
|--|-----------------------------|---------------------|----------------|----------------------------|-----------------|--------|-------|------|--------|------------|----------------------|-----------------------------|------------|--------------------------------------|--|---|--|
| Phillips 66 - Tasman   |                             |                     |                |                            | Dros            |        |       |      |        |            |                      |                             |            |                                      |  |   |  |
|  | Steve Weathers              |                     |                |                            |                 | Chk    |       |      |        |            |                      |                             |            |                                      |  | 1   | ,  |
| 2620 W/ Marland Blvd   |                             |                     | 3/01/th        | St, Ste 2500               |                 | L      |       |      |        |            |                      |                             |            |                                      |  | Pre-  | ace  |
| Hobbs NM 88240   |                             |                     | Denver,        | CO 80202                   |                 |        |       |      |        |            |                      |                             |            |                                      |  | PEOPLI  | ADVANCING SCIENCE                                |
| 10003, 1111 88240  |                             |                     |                |                            |                 |        |       |      |        |            |                      |                             |            |                                      |  |   |  |
| Report to:   |                             |                     | Email To: k    | norman@tasman              | -               |        |       |      |        |            |                      |                             |            |                                      |  | MTJ   | JLIET, TN  |
| Brett Dennis   |                             |                     | geo.com;St     | tephen.Weathers            | @p66.com;bd     | lennis |       |      |        |            |                      |                             |            |                                      |  | 12065 Lebanon Rd Me<br>Submitting a sample v          | ount Juliet, TN 37122<br>a this chain of custody |
| Project Description:   |                             | City/State          | 10.            |                            | Please Ci       | rcle:  |       |      |        |            |                      |                             |            |                                      |  | constitutes acknowled<br>Pace Terms and Condi         | gment and acceptance of the<br>tions found at:   |
| Burton Flats Booster Station   |                             | Collected:          |                |                            | PT MT C         | T ET   |       |      |        |            |                      |                             |            |                                      |  | https://info.pacelabs.c<br>terms.pdf                  | om/hubfs/pas-standard-                           |
| Phone: 720-218-4003  | Client Projec               | :t #                |                | Lab Project #<br>DCPTASMAN | I-BURTONF       | LAT    | Pres  | U    | cl-Blk |            |                      |                             |            |                                      |  | SDG # 8   | 10317  |
| Collected by (print):  | Site/Facility               | ID #                |                | P.O. #<br>4301466728       |                 |        | PE-No | H-qu | H-qm   |            |                      |                             |            |                                      |  | Acctnum: DC   | TASMAN   |
| Collegted by (signature):  | Rush?                       | (Lab MUST Be        | Notified)      | Quote #                    |                 |        | HD    | mIAI | mIA    |            |                      |                             |            |                                      |  | Template: <b>T12</b>                                  | 7771   |
| N.M. Mut   | Same                        | Day Five            | Day            |                            |                 | _      | - uo  | 40   | 40     |            |                      |                             |            |                                      |  | Prelogin: P11   | 18953  |
| Immediately  | Next D                      | Day 5 Day           | y (Rad Only)   | Date Result                | ts Needed       |        | 25    | 1 à  | 1<br>M |            | 1000                 |                             |            |                                      |  | PM: 824 - Chri  | s Ward   |
| Packed on Ice N Y  | Two b                       | Day 100             | ay (Rau Offiy) |                            |                 | lof.   | de    | BT   | BT     |            |                      |                             |            |                                      |  | PB: NG  | 1212124  |
|  |                             | T                   |                |                            | <u> </u>        | Cntrs  | oric  | 60   | 60     |            |                      |                             |            |                                      |  | Shipped Via: <b>F</b>                                 | edEX Ground                                      |
| Sample ID  | Comp/Grab                   | Matrix *            | Depth          | Date                       | lime            |        | मि    | V82  | V82    |            |                      |                             |            |                                      |  | Remarks   | Sample # (lab only)                              |
| MW-1   | Grab                        | GW                  | INA            | 12/16/24                   | 69:24           | 14     | X     | X    |        |            |                      |                             |            |                                      |  |   | - 91   |
| MW-2   |                             | GW                  | 1              | 1                          | 09:45           | 14     | X     | X    |        |            | and and              |                             |            |                                      |  |   | - 02   |
| MW-3   |                             | GW                  |                |                            | 09:58           | 54     | X     | X    |        |            |                      |                             |            |                                      |  |   | -03  |
| MW-4   |                             | GW                  |                |                            |                 |        | X     | X    |        |            |                      |                             |            |                                      |  |   |  |
| DUPLICATE  | V                           | GW                  | V              |                            | -               | -4     | X     | X    |        |            |                      |                             |            |                                      |  |   | -04  |
|  |                             | GW                  |                |                            |                 |        |       |      |        |            |                      |                             |            |                                      |  |   |  |
| TRIP BLANK   | Grab                        | GW                  | NA             | 12/16/24                   | 1               | 3      |       |      | X      |            |                      |                             |            |                                      |  |   | -05  |
|  |                             |                     |                |                            |                 |        |       |      |        |            | i qui en             |                             |            |                                      |  |   |  |
| * Matrix:  | Remarks:                    |                     |                |                            |                 |        |       |      |        |            |                      |                             |            |                                      | Sample                                   | e Receipt Cl  | necklist /                                       |
| SS - Soil AIR - Air F - Filter<br>GW - Groundwater B - Bioassay<br>WW - WasteWater |                             |                     |                |                            |                 |        |       |      |        | pH<br>Flow |                      | _ Temp<br>_ Other           |            | COC Se<br>COC Si<br>Bottle<br>Correc | eal Pre<br>Igned/A<br>es arri<br>ct bott | esent/Intact<br>accurate:<br>ave intact:<br>les used: | ·NPYN<br>YN<br>N<br>N                            |
| DW - Drinking Water<br>OT - Other  | Samples returne<br>UPS FedE | d via:<br>x Courier |                | Tracki                     | ng# 42          | 57     | 09    | 289  | 1405   | 2          |                      |                             |            | Suffic<br>VOA Ze                     | cient v<br>ero Hea                       | olume sent:<br><u>If Applicab</u><br>dspace:          | $\frac{Y N}{Y N}$                                |
| Relinquished by : (Signature)  |                             | Date:               | Time           | Receiv                     | ved by: (Signat | ture)  |       |      |        | Trip Blar  | nk Receiv            | /ed: (Reg / N<br>HC)<br>TBR | lo<br>MeoH | Preser<br>RAD Sc                     | creen <                                  | Correct/Ch<br>0.5 mR/hr:                              | ecked: Y_N<br>Y_N                                |
| Relinquished by : (Signature) Date: Time: Received by: (Signature)                 |                             |                     |                |                            | ture)           |        |       |      | Temp:  | 22.6       | Bottles Re<br>to=2.6 | ceived:                     | If prese   | ervation                             | required by Lo                           | gin: Date/Time  |  |
| Relinquished by : (Signature)  | (                           | Date:               | Time           | : Receiv                   | ved for lab by: | Signat | ture) | -    |        | Date:      | 1/26                 | Time:                       | in         | Hold:                                |  |   | Condition<br>NCF / OK                            |
| eleased to Imaging: 6/23/202   | 5 10:05:45                  | IM                  |                | 1                          | - VI            | the    |       |      |        |            |                      |                             |            |                                      |  |   |  |

TU

Appendix C

Sampling Notifications

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

District III

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

District IV

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

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

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QUESTIONS

Action 322572

QUESTIONS

| Operator:                 | OGRID:                                     |  |  |  |
|---------------------------|--|--|--|--|
| DCP OPERATING COMPANY, LP | 36785                                      |  |  |  |
| 6900 E. Layton Ave        | Action Number:                             |  |  |  |
| Denver, CO 80237          | 322572                                     |  |  |  |
|                           | 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

| Please answer all the questions in this group.  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|
| What is the sampling surface area in square feet  | 13,500   |  |  |  |  |  |
| 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 | 03/21/2024   |  |  |  |  |  |
| Time sampling will commence   | 08:00 AM   |  |  |  |  |  |
| Please provide any information necessary for observers to contact samplers                      | Groundwater abatement per 19.15.30.14B NMAC  |  |  |  |  |  |
| Please provide any information necessary for navigation to sampling site                        | Email notification provided to Nelson Velez on 3/8/24 and acknowledged on 3/11/24. |  |  |  |  |  |

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

District III

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

District IV

CONDITIONS

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

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

CONDITIONS

| Operator:                 | OGRID:                                     |
|---------------------------|--|
| DCP OPERATING COMPANY, LP | 36785                                      |
| 6900 E. Layton Ave        | Action Number:                             |
| Denver, CO 80237          | 322572                                     |
|                           | Action Type:                               |
|                           | [NOTIFY] Notification Of Sampling (C-141N) |

#### Created By Condition Condition Date 3/12/2024 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 knorman remediation closure samples not being accepted.

CONDITIONS

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Action 322572

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

District III

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

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

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

Page 94 bf 98 QUESTIONS

Action 352679

Operator: OGRID: DCP OPERATING COMPANY, LP 36785 2331 Citywest Blvd Action Number: Houston, TX 77042 352679 Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

#### 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

| Please answer all the questions in this group.  |   |
|---|---|
| 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 | 06/19/2024                                  |
| Time sampling will commence   | 08:00 AM                                    |
| Please provide any information necessary for observers to contact samplers                      | Groundwater abatement per 19.15.30.14B NMAC |
| Please provide any information necessary for navigation to sampling site                        | Please contact Brett Dennis 3256607395      |

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

District III

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

District IV

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

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

CONDITIONS

| Operator:                 | OGRID:                                     |
|---------------------------|--|
| DCP OPERATING COMPANY, LP | 36785                                      |
| 2331 Citywest Blvd        | Action Number:                             |
| Houston, TX 77042         | 352679                                     |
|                           | Action Type:                               |
|                           | [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

Created By Condition Condition Date 6/10/2024 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 knorman remediation closure samples not being accepted.

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Action 352679

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

District III

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

District IV

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

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

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QUESTIONS

Action 382361

QUESTIONS

| Operator:                 | OGRID:                                     |
|---------------------------|--|
| DCP OPERATING COMPANY, LP | 36785                                      |
| 2331 Citywest Blvd        | Action Number:                             |
| Houston, TX 77042         | 382361                                     |
|                           | 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

| Please answer all the questions in this group.  |   |
|---|---|
| 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 | 09/26/2024                                  |
| Time sampling will commence   | 08:00 AM                                    |
| Please provide any information necessary for observers to contact samplers                      | Groundwater abatement per 19.15.30.14B NMAC |
| Please provide any information necessary for navigation to sampling site                        | Kyle Norman - 575-318-5017                  |

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

District III

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

District IV

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

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

CONDITIONS

| Operator:                 | OGRID:                                     |
|---------------------------|--|
| DCP OPERATING COMPANY, LP | 36785                                      |
| 2331 Citywest Blvd        | Action Number:                             |
| Houston, TX 77042         | 382361                                     |
|                           | Action Type:                               |
|                           | [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

Created By Condition Condition Date 9/16/2024 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 knorman remediation closure samples not being accepted.

CONDITIONS

Action 382361

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

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|------|-----------|----|-----------|
|------|-----------|----|-----------|

CONDITIONS

Action 447297

CONDITIONS

| Operator:                 | OGRID:   |
|---------------------------|--|
| DCP OPERATING COMPANY, LP | 36785  |
| 2331 Citywest Blvd        | Action Number:   |
| Houston, TX 77042         | 447297   |
|                           | Action Type:   |
|                           | [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT) |

#### CONDITIONS

| Created By | Condition  | Condition<br>Date |
|------------|--|-------------------|
| amaxwell   | Quarterly groundwater and monitoring report accepted for record.   | 6/23/2025         |
| amaxwell   | The following is approved: Continue quarterly groundwater monitoring and sampling at the monitoring locations illustrated on Figure 2. Replace the passive skimmer located at monitor well MW-4. Pause quarterly EFR events to evaluate effectiveness. Reinitiation will be assessed on a quarterly basis. | 6/23/2025         |