Groundwater Monitoring Summary Report
First, Second, and Third Quarters 2024

Hobbs Gas Plant
Lea County, New Mexico
AP-122
NMOCD Incident # nPAC0706832026

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1. Introduction

This report summarizes the groundwater monitoring activities conducted during the first, second and third quarters of the 2024calendar year (Reporting Period) at the Hobbs Gas Plant (Site) in Lea County, New Mexico (Figure 1). Tasman Inc. performed these activities on behalf of DCP Operating Company, LP (DCP). The field activities were conducted with the purpose of monitoring groundwater flow and quality conditions as well as assessing the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons in the Site subsurface and performing groundwater remediation. Current site conditions were evaluated from field data and analytical laboratory results collected during monitoring events occurring on March 20, June 14, August 19, 2024.

2. Site Location and Background

The Site is located in the southwestern quarter of the northeastern quarter (Unit G) of Section 36, Township 18 South, Range 36 East (approximate coordinates 32.705330 degrees north and 103.306600 degrees west). It is approximately 0.5 miles north and 0.45 miles east of the intersection of US Highway 62 and County Road 41. The Site is an inactive cryogenic gas processing plant spanning approximately 3.5 acres surrounded by undeveloped land. The facility contained a laboratory, an amine unit, compressors, molecular sieve dehydration equipment, tank batteries, and an on-site water production well used for non-potable water.

A petroleum release was first discovered when Duke Energy Field Services conducted an environmental assessment of the Site in support of a property transaction in the spring of 2004. Initial findings indicated groundwater from a newly installed monitor well near the amine skid in the southeast corner of the facility contained elevated concentrations of benzene.

Currently there are eight groundwater monitoring wells at the Site. The current on-site monitoring wells were installed during the fourth quarter of 2022 due to decreasing groundwater elevation at the Site. The dry monitoring wells (MW-AR, MW-B, MW-C, MW-D, MW-E, MW-F, and MW-GR) were plugged and abandoned during the same mobilization.

3. Groundwater Monitoring

This section describes the field and laboratory activities performed during 2024 groundwater monitoring events. Quarterly monitoring activities were conducted on March 20, June 14, August 19, 2024 and included Site-wide groundwater gauging and, where applicable, groundwater sampling.

3.1 Groundwater and LNAPL Elevation Monitoring

Groundwater levels were measured in order to evaluate hydraulic characteristics and provide information regarding seasonal fluctuations in groundwater elevations at the site. Measurable LNAPL thickness was not observed during the reporting period.

Groundwater levels were measured on the north side of the well casing to the nearest 0.01-foot using an oil-water interface probe (IP). Groundwater level data were later converted to elevation (feet above mean

sea level [AMSL]). Measured groundwater levels and calculated groundwater elevations are presented in Table 1.

A groundwater elevation contour map for each monitoring event, included as Figures 3 through 5, indicates that groundwater flow at the Site generally trends to the southeast. The range of groundwater elevations and the calculated average hydraulic gradient (using elevations from MW-AR2 and MW-H) at the Site are summarized in the table below.

Summary of Measured Hydraulic Parameters

Quarter	1st	2nd	3rd
Maximum Elevation (Well ID)	3,676.75 (MW-AR2)	3,677.07 (MW-AR2)	3,677.32 (MW-AR2)
Minimum Elevation (Well ID)	3,673.31 (MW-H)	3,674.11 (MW-H)	3,674.57 (MW-H)
Potentiometric Surface Average Change	-0.09 ft	0.54 ft	-0.43 ft
Hydraulic Gradient (ft/ft)	0.00774	0.00666	0.00618

3.2 Groundwater Quality Monitoring

Subsequent to recording groundwater level measurements at each monitoring well during monitoring events, groundwater samples were collected from each of the eight monitoring wells using disposable polyethylene bailers.

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

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

Table 2 summarizes BTEX concentrations in groundwater samples collected during the reporting period. The laboratory analytical reports for the reporting period are included in Appendix A. Analytical results are also displayed on Figures 6 through 8.

Analytical results/observations are summarized below:

- BTEX was not reported above the New Mexico Water Quality Control Commission (NMWQCC) standard in any of the Site monitoring wells during the reporting period.

3.3 Data Quality Assurance / Quality Control

A trip blank and field duplicate sample (MW-GR2) were collected during each quarterly monitoring event. The data was reviewed for compliance with the analytical method and the associated quality assurance/quality control (QA/QC) procedures. All samples were analyzed using the correct analytical methods and within the correct holding times. Chain of custody forms were in order and properly executed and indicate that samples were received at the proper temperature with no headspace.

QA/QC items of note for each quarter in the reporting period include the following:

- Target analytes were not detected in the trip blank.
- All collected samples were either below the laboratory reported detection limit (RDL), a J-flagged concentration, or a combination of the two. As such, RPD is unable to be calculated.

The overall QA/QC assessment, based on the data review indicates that data precision and accuracy are acceptable.

4. Remediation Activities

No remedial activities are being completed at the Site.

5. Conclusions

The information above provides the following general observations:

- BTEX was not reported above the NMWQCC standards in any of the Site monitoring well locations during the first, second, and third quarter 2024 monitoring events.

6. Closure Request

DCP is requesting that the site be granted closure based on the concentrations of BTEX having been below NMWQCC standards for eight consecutive monitoring events which shows that there is no remaining hydrocarbon impacts at the Site affecting the water quality. Upon receipt of approval from the NMCOD, all on-site monitoring wells will be plugged and abandoned per state and generally accepted industry standard practices.

Tables

TABLE 1
FIRST, SECOND, THIRD QUARTERS 2024
SUMMARY OF GROUNDWATER ELEVATIONS DATA
HOBBS GAS PLANT
LEA COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (Feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event (1) (feet)
MW-AR2	12/8/2023	77.45	---	---	92.36	3,754.37	3,676.92	-1.02
MW-AR2	3/20/2024	77.62	---	---	91.91	3,754.37	3,676.75	-0.17
MW-AR2	6/14/2024	77.30	---	---	91.91	3,754.37	3,677.07	0.32
MW-AR2	8/19/2024	77.05	---	---	91.91	3,754.37	3,677.32	-0.25
MW-BR	12/19/22	Installation						
MW-BR	12/27/22	77.34	---	---	92.04	3,754.69	3,677.35	NA
MW-BR	03/17/23	78.07	---	---	92.04	3,754.69	3,676.62	-0.73
MW-BR	06/23/23	78.54	---	---	92.04	3,754.69	3,676.15	-0.47
MW-BR	09/20/23	79.08	---	---	92.04	3,754.69	3,675.61	-0.54
MW-BR	12/8/2023	79.42	---	---	92.04	3,754.69	3,675.27	-0.34
MW-BR	3/20/2024	79.62	---	---	90.30	3,754.69	3,675.07	-0.20
MW-BR	6/14/2024	79.06	---	---	90.30	3,754.69	3,675.63	0.56
MW-BR	8/19/2024	78.75	---	---	90.30	3,754.69	3,675.94	-0.31
MW-CR	12/20/22	Installation						
MW-CR	12/27/22	77.06	---	---	92.88	3,754.09	3,677.03	NA
MW-CR	03/17/23	77.77	---	---	92.88	3,754.09	3,676.32	-0.71
MW-CR	06/23/23	78.34	---	---	92.88	3,754.09	3,675.75	-0.57
MW-CR	09/20/23	78.81	---	---	92.88	3,754.09	3,675.28	-0.47
MW-CR	12/8/2023	79.16	---	---	92.88	3,754.09	3,674.93	-0.35
MW-CR	3/20/2024	79.30	---	---	90.00	3,754.09	3,674.79	-0.14
MW-CR	6/14/2024	78.74	---	---	90.00	3,754.09	3,675.35	0.56
MW-CR	8/19/2024	78.31	---	---	90.00	3,754.09	3,675.78	-0.43
MW-DR	12/20/22	Installation						
MW-DR	12/27/22	76.23	---	---	90.35	3,754.36	3,678.13	NA
MW-DR	03/17/23	76.95	---	---	90.35	3,754.36	3,677.41	-0.72
MW-DR	06/23/23	77.43	---	---	90.35	3,754.36	3,676.93	-0.48
MW-DR	09/20/23	77.97	---	---	90.35	3,754.36	3,676.39	-0.54
MW-DR	12/8/2023	78.39	---	---	90.35	3,754.36	3,675.97	-0.42
MW-DR	3/20/2024	78.57	---	---	87.97	3,754.36	3,675.79	-0.18
MW-DR	6/14/2024	78.26	---	---	87.97	3,754.36	3,676.10	0.31
MW-DR	8/19/2024	77.75	---	---	87.97	3,754.36	3,676.61	-0.51
MW-ER	12/20/22	Installation						
MW-ER	12/27/22	76.55	---	---	92.58	3,752.90	3,676.35	NA
MW-ER	03/17/23	77.24	---	---	92.58	3,752.90	3,675.66	-0.69
MW-ER	06/23/23	77.70	---	---	92.58	3,752.90	3,675.20	-0.46
MW-ER	9/20/2023	78.23	---	---	92.58	3,752.90	3,674.67	-0.53
MW-ER	12/8/2023	78.63	---	---	92.58	3,752.90	3,674.27	-0.40
MW-ER	3/20/2024	78.70	---	---	89.90	3,752.90	3,674.20	-0.07
MW-ER	6/14/2024	78.24	---	---	89.90	3,752.90	3,674.66	0.46
MW-ER	8/19/2024	77.67	---	---	89.90	3,752.90	3,675.23	-0.57
MW-FR	12/19/22	Installation						
MW-FR	12/27/22	77.97	---	---	90.48	3,754.16	3,676.19	NA
MW-FR	03/17/23	78.63	---	---	90.48	3,754.16	3,675.53	-0.66
MW-FR	06/23/23	79.13	---	---	90.48	3,754.16	3,675.03	-0.50
MW-FR	9/20/2023	79.69	---	---	90.48	3,754.16	3,674.47	-0.56
MW-FR	12/8/2023	80.09	---	---	90.48	3,754.16	3,674.07	-0.40
MW-FR	3/20/2024	80.15	---	---	88.94	3,754.16	3,674.01	-0.06
MW-FR	6/14/2024	79.58	---	---	88.94	3,754.16	3,674.58	0.57
MW-FR	8/19/2024	79.07	---	---	88.94	3,754.16	3,675.09	-0.51
MW-GR2	12/19/22	Installation						
MW-GR2	12/27/22	77.59	---	---	91.22	3,753.70	3,676.11	NA
MW-GR2	03/17/23	78.28	---	---	91.22	3,753.70	3,675.42	-0.69
MW-GR2	06/23/23	78.76	---	---	91.22	3,753.70	3,674.94	-0.48
MW-GR2	9/20/2023	79.31	---	---	91.22	3,753.70	3,674.39	-0.55
MW-GR2	12/8/2023	79.69	---	---	91.22	3,753.70	3,674.01	-0.38
MW-GR2	3/20/2024	79.74	---	---	90.75	3,753.70	3,673.96	-0.05
MW-GR2	6/14/2024	79.00	---	---	90.75	3,753.70	3,674.70	0.74
MW-GR2	8/19/2024	78.60	---	---	90.75	3,753.70	3,675.10	-0.40
MW-H	12/19/22	Installation						
MW-H	12/27/22	80.69	---	---	95.44	3,755.97	3,675.28	NA
MW-H	03/17/23	81.36	---	---	95.44	3,755.97	3,674.61	-0.67
MW-H	06/23/23	81.90	---	---	95.44	3,755.97	3,674.07	-0.54
MW-H	9/20/2023	82.39	---	---	95.44	3,755.97	3,673.58	-0.49
MW-H	12/8/2023	82.79	---	---	95.44	3,755.97	3,673.18	-0.40
MW-H	3/20/2024	82.66	---	---	92.50	3,755.97	3,673.31	0.13
MW-H	6/14/2024	81.86	---	---	92.50	3,755.97	3,674.11	0.80
MW-H	8/19/2024	81.40	---	---	92.50	3,755.97	3,674.57	-0.46
							Average change in groundwater elevation (6/14/2024 to 8/19/2024)	-0.43

Notes:
1- Changes in groundwater elevation calculated by subtracting the measurement collected during the previous monitoring event from the measurement collected during the most recent monitoring event.
amsl = feet above mean sea level
TOC = top of casing
LNAPL - Light non-aqueous phase liquid
Groundwater elevation = (TOC Elevation - Measured Depth to Water)
NM = Not measured.
NC= Not calculated.

TABLE 2
FIRST, SECOND, THIRD QUARTERS 2024
SUMMARY OF BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
HOBBS GAS PLANT
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.010**	**1.00**	**0.70**	**0.62**	
MW-AR2	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-AR2	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-AR2	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-AR2	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-BR	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-BR	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-BR	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-BR	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-CR	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-CR	3/20/2024	<0.00100	<0.00100	<0.00100	0.00053 J	
MW-CR	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-CR	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-DR	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-DR	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-DR	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-DR	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-ER	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-ER	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-ER	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-ER	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-FR	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-FR	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-FR	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-FR	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-GR2	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-GR2 (Duplicate)	12/8/2023	<0.00100	<0.00100	<0.00100	0.000256 J	
MW-GR2	3/20/2024	<0.00100	<0.00100	<0.00100	0.0006 J	Duplicate Sample Collected
MW-GR2 (Duplicate)	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-GR2	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-GR2 (Duplicate)	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-GR2	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-GR2 (Duplicate)	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-H	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-H	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-H	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-H	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	

Notes:
Bold red values indicate an exceedance of the associated NMWQCC standard
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

TABLE 3
HISTORICAL
SUMMARY OF BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
HOBBS GAS PLANT
LEA COUNTY, NEW MEXICO

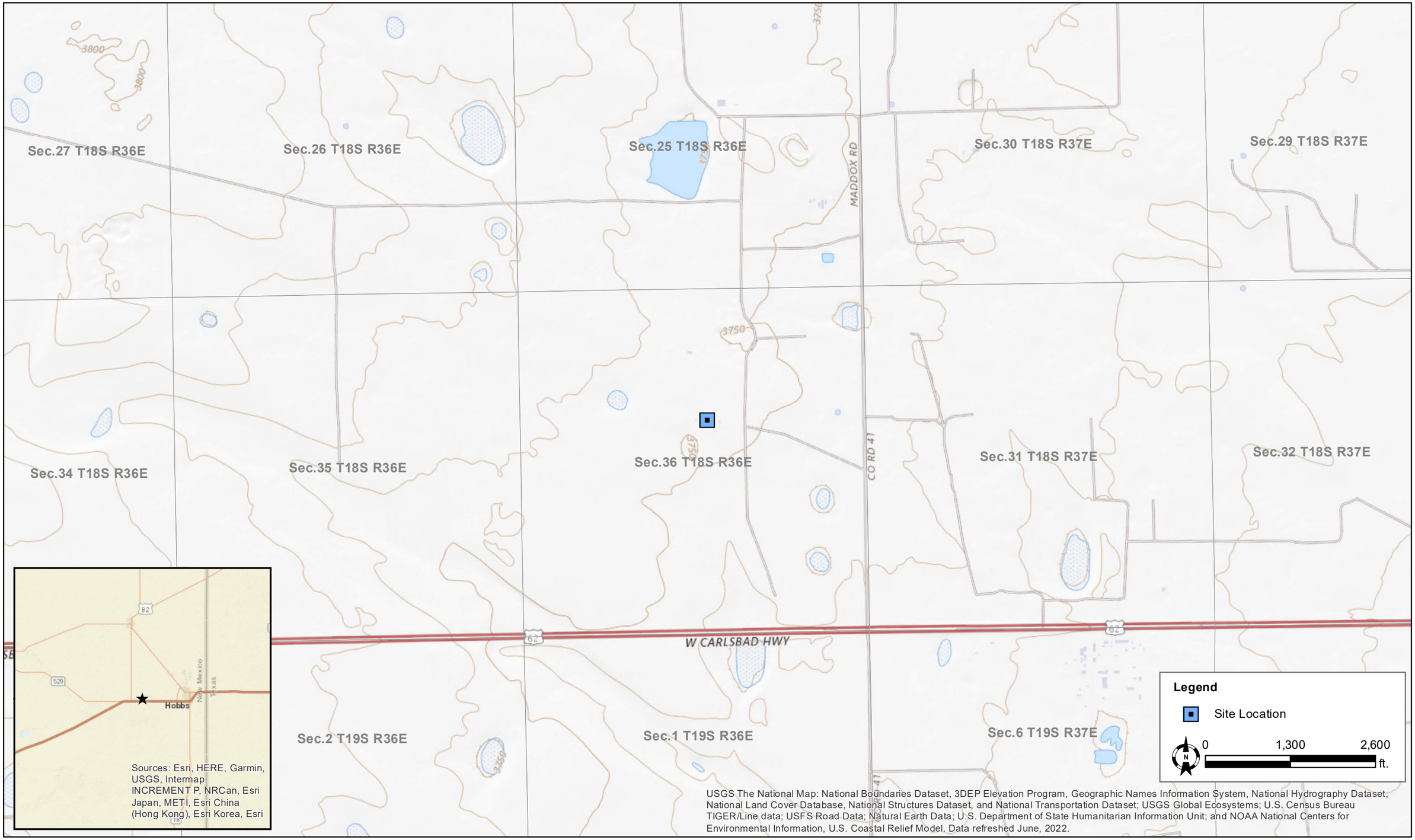
Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.010**	**1.00**	**0.70**	**0.62**	
MW-AR	9/26/2022	Not Sampled - Dry				
MW-AR	12/20/2022	Plugged and Abandoned				
MW-B	9/26/2022	Not Sampled - Dry				
MW-B	12/19/2022	Plugged and Abandoned				
MW-C	9/26/2022	Not Sampled - Dry				
MW-C	12/19/2022	Plugged and Abandoned				
MW-D	9/26/2022	Not Sampled - Dry				
MW-D	12/20/2022	Plugged and Abandoned				
MW-E	9/26/2022	Not Sampled - Dry				
MW-E	12/19/2022	Plugged and Abandoned				
MW-F	9/26/2022	Not Sampled - Dry				
MW-F	12/19/2022	Plugged and Abandoned				
MW-GR	9/26/2022	Not Sampled - Dry				
MW-GR	12/19/2022	Plugged and Abandoned				
MW-AR2	12/20/2022	Installation				
MW-AR2	12/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-AR2	3/17/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-AR2	6/23/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-AR2	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-AR2	9/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-AR2	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-AR2	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-AR2	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-BR	12/19/2022	Installation				
MW-BR	12/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-BR	3/17/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-BR	6/23/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-BR	9/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-BR	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-BR	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-BR	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-BR	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-CR	12/20/2022	Installation				
MW-CR	12/27/2022	0.00110	<0.00100	<0.00100	0.00163 J	
MW-CR	3/17/2023	<0.00100	<0.00100	<0.00100	0.000187 J	
MW-CR	6/23/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-CR	9/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-DR	9/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-CR	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-CR	3/20/2024	<0.00100	<0.00100	<0.00100	0.00053 J	
MW-CR	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-CR	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-DR	12/20/2022	Installation				
MW-DR	12/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-DR	3/17/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-DR	6/23/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-DR	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-DR	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-DR	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-DR	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-ER	12/20/2022	Installation				
MW-ER	12/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-ER	3/17/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-ER	6/23/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-ER	9/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-ER	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-ER	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-ER	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	

TABLE 3
HISTORICAL
SUMMARY OF BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
HOBBS GAS PLANT
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		**0.010**	**1.00**	**0.70**	**0.62**	
MW-ER	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-FR	12/19/2022	Installation				
MW-FR	12/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-FR	3/17/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-FR	6/23/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-FR	9/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-FR	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-FR	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-FR	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-FR	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-GR2	12/19/2022	Installation				
MW-GR2	12/27/2022	0.000135 J	<0.00100	0.000145 J	0.00140 J	Duplicate Sample Collected
MW-GR2 (Duplicate)	12/27/2022	0.000155 J	<0.00100	0.000145 J	0.00140 J	
MW-GR2	3/17/2023	<0.00100	<0.00100	<0.00100	0.000431 J	Duplicate Sample Collected
MW-GR2 (Duplicate)	3/17/2023	<0.00100	<0.00100	<0.00100	0.000339 J	
MW-GR2	6/23/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-GR2	9/21/2023	<0.00100	<0.00100	<0.00100	0.000243 J	Duplicate Sample Collected
MW-GR2 (Duplicate)	9/21/2023	<0.00100	<0.00100	<0.00100	0.000391 J	
MW-GR2	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-GR2 (Duplicate)	12/8/2023	<0.00100	<0.00100	<0.00100	0.000256 J	
MW-GR2	3/20/2024	<0.00100	<0.00100	<0.00100	0.0006 J	Duplicate Sample Collected
MW-GR2 (Duplicate)	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-GR2	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-GR2 (Duplicate)	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-GR2	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-GR2 (Duplicate)	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-H	12/19/2022	Installation				
MW-H	12/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	
MW-H	3/17/2023	Sample vials were broken in transit				
MW-H	6/23/2023	<0.00100	<0.00100	<0.00100	<0.00300	Duplicate Sample Collected
MW-H (Duplicate)	6/23/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-H	9/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-H	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
MW-H	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-H	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
MW-H	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	12/27/2022	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	3/17/2023	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	6/23/2023	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	9/21/2023	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	12/8/2023	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	3/20/2024	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	6/14/2024	<0.00100	<0.00100	<0.00100	<0.00300	
Trip Blank	8/19/2024	<0.00100	<0.00100	<0.00100	<0.00300	

Notes:
Bold red values indicate an exceedance of the associated NMWQCC standard
NMWQCC = New Mexico Water Quality Control Commission
LNAPL = Light Non-Aqueous Phase Liquid
NA = Not Analyzed
J = The identification of the analyte is acceptable, the reported value is an estimate.
mg/L = milligrams per liter

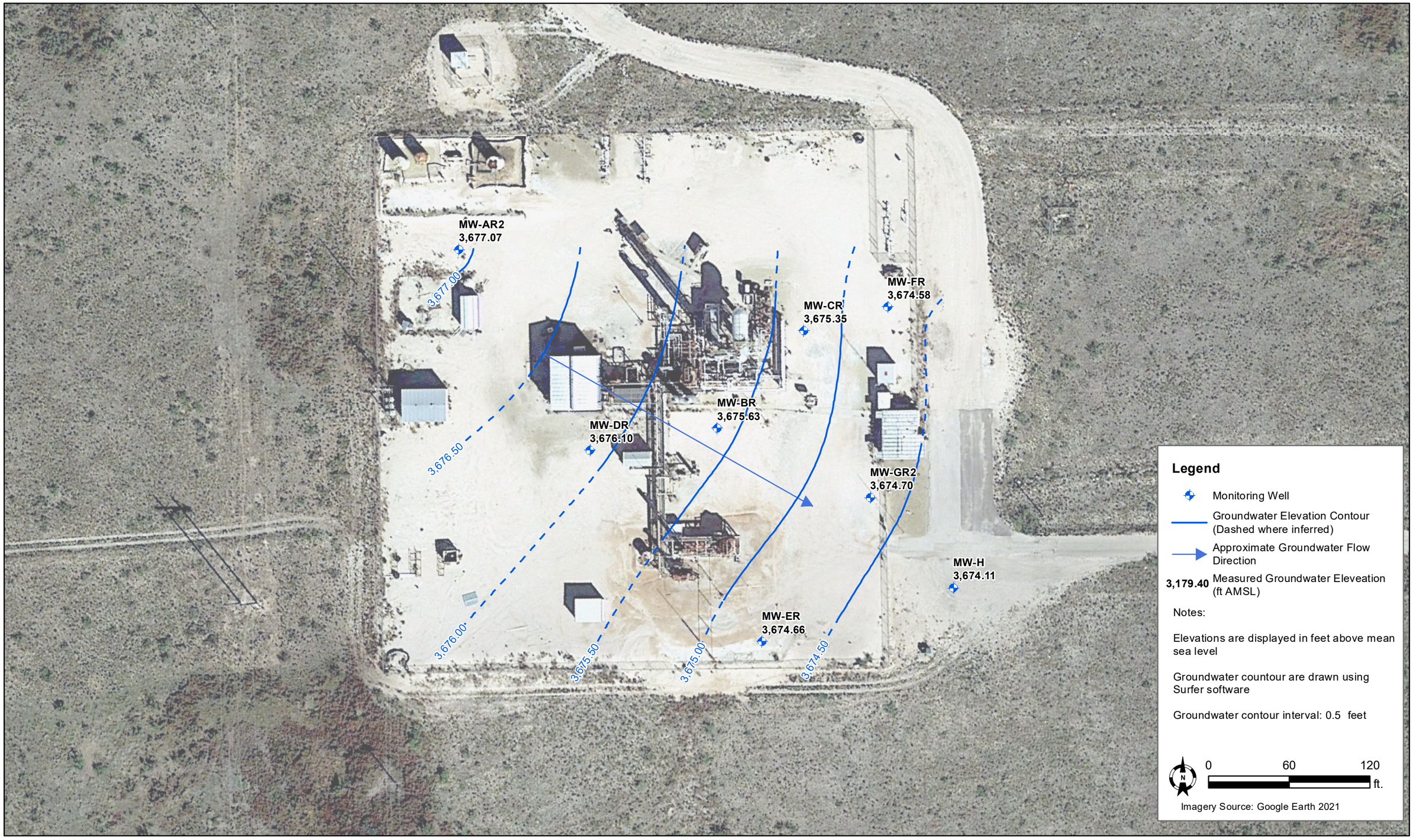
Figures



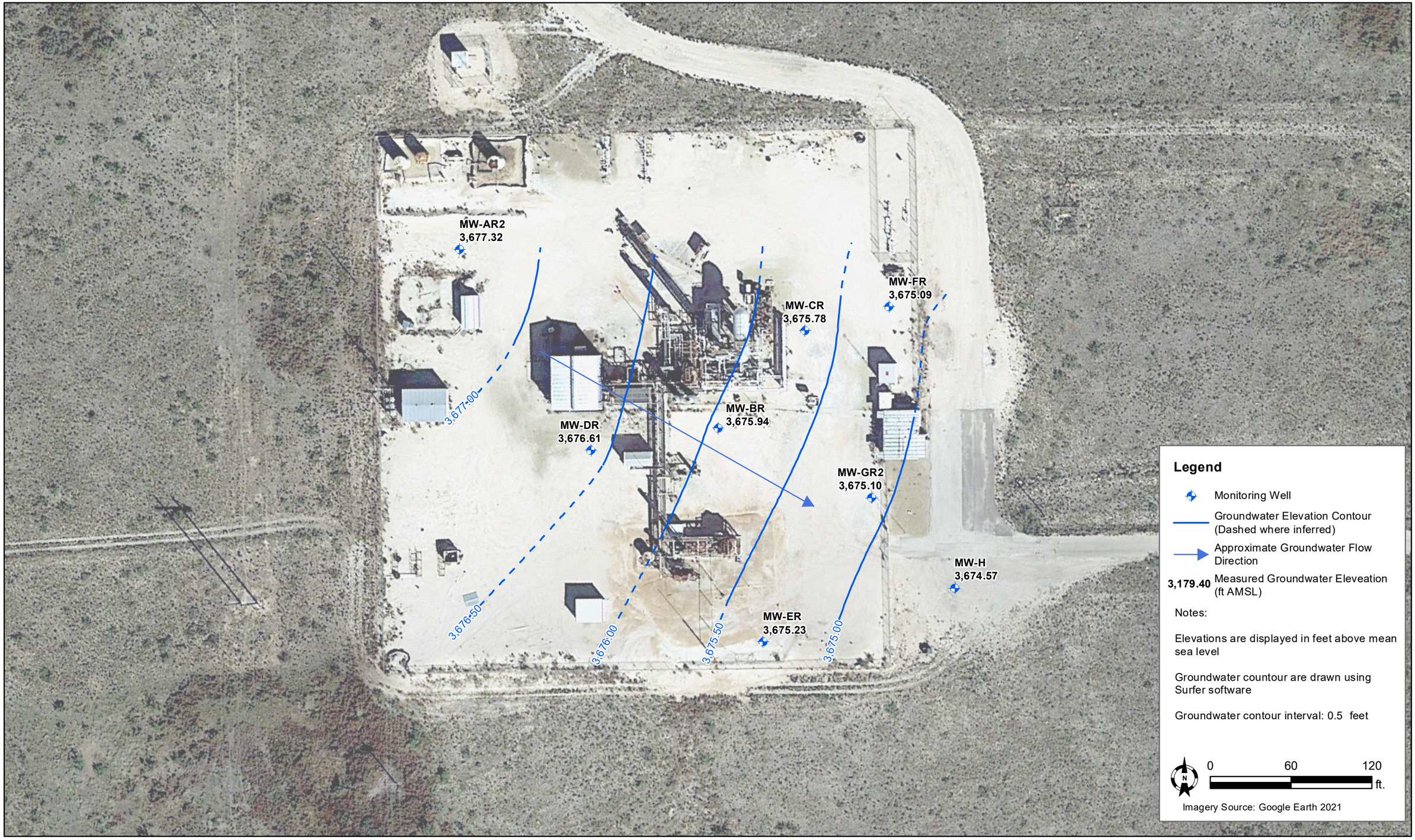
DATE: Februrary 2024 DESIGNED BY: B. Dennis DRAWN BY: B. Dennis	TASMAN **Tasman, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**DCP Operating Company, LP** **Hobbs Gas Plant** SWNE, Section 36, Township 18 South, Range 36 East Lea County, New Mexico	Site Location Map	Figure 1

DATE: March 2023 DESIGNED BY: B. Dennis DRAWN BY: B. Dennis	Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Midstream, LP** **Hobbs Gas Plant** SWNE, Section 36, Township 18 South, Range 36 East Lea County, New Mexico	Site Overview Map	Figure 2

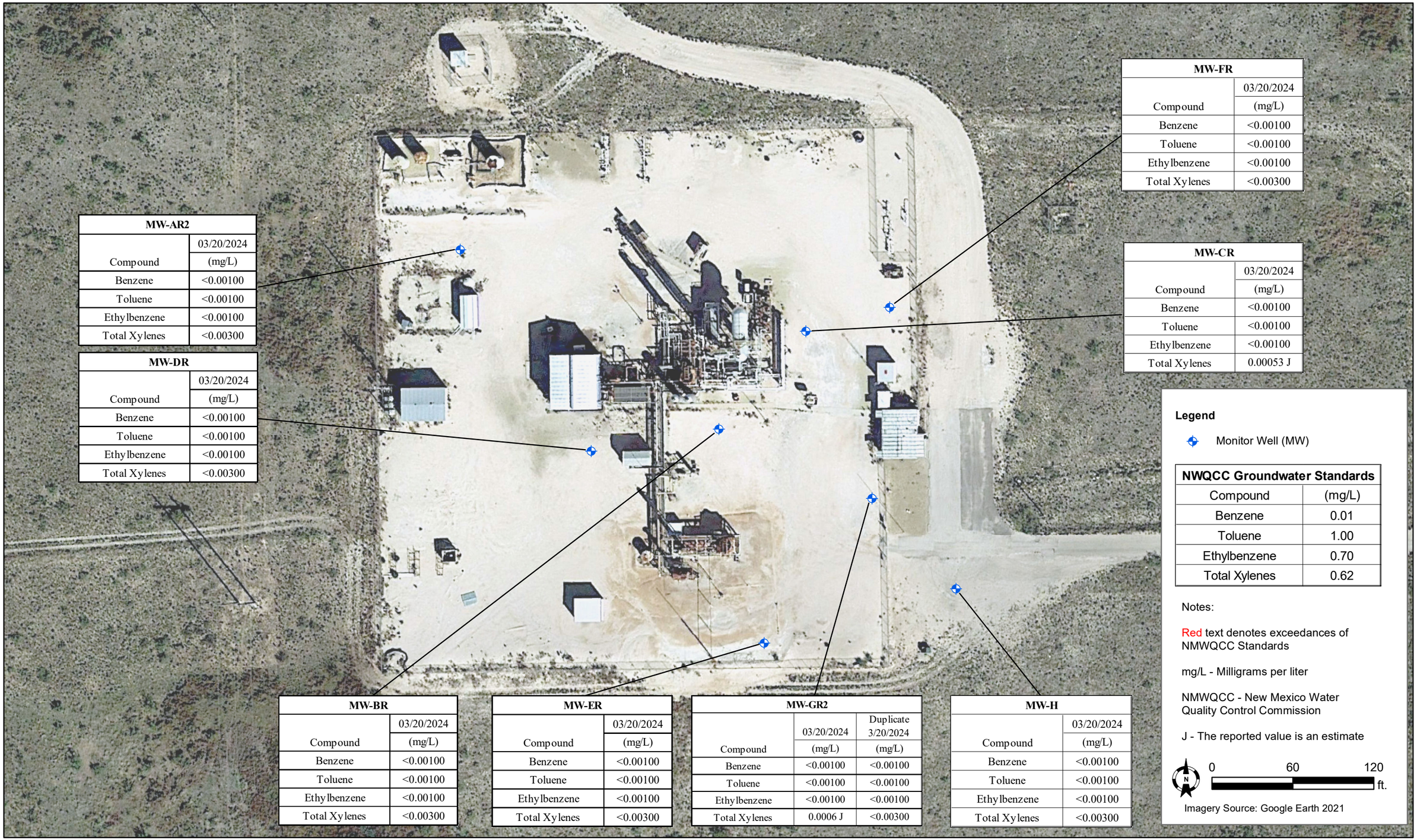
DATE: April 2024 DESIGNED BY: B. Dennis DRAWN BY: B. Dennis	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Operating Company, LP** **Hobbs Gas Plant** SWNE, Section 36, Township 18 South, Range 36 East Lea County, New Mexico	Groundwater Eleveation Contour Map (March 20, 2024)	Figure 3



DATE: July 2024 DESIGNED BY: B. Dennis DRAWN BY: B. Dennis	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Operating Company, LP** **Hobbs Gas Plant** SWNE, Section 36, Township 18 South, Range 36 East Lea County, New Mexico	Groundwater Eleveation Contour Map (June 14, 2024)	Figure 4



DATE: September 2024 DESIGNED BY: B. Dennis DRAWN BY: B. Dennis	TASMAN **Tasman, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**DCP Operating Company, LP** **Hobbs Gas Plant** SWNE, Section 36, Township 18 South, Range 36 East Lea County, New Mexico	Groundwater Eleveation Contour Map (August 19, 2024)	Figure 5



MW-AR2	
	03/20/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-DR	
	03/20/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-FR	
	03/20/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-CR	
	03/20/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	0.00053 J

MW-BR	
	03/20/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-ER	
	03/20/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-GR2		
	03/20/2024	Duplicate 3/20/2024
Compound	(mg/L)	(mg/L)
Benzene	<0.00100	<0.00100
Toluene	<0.00100	<0.00100
Ethylbenzene	<0.00100	<0.00100
Total Xylenes	0.0006 J	<0.00300

MW-H	
	03/20/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

Legend

Monitor Well (MW)

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

Notes:

Red text denotes exceedances of NMWQCC Standards

mg/L - Milligrams per liter

NMWQCC - New Mexico Water Quality Control Commission

J - The reported value is an estimate

N

0 60 120 ft.

Imagery Source: Google Earth 2021

DATE: March 2024

DESIGNED BY: B. Dennis

DRAWN BY: K. Stark

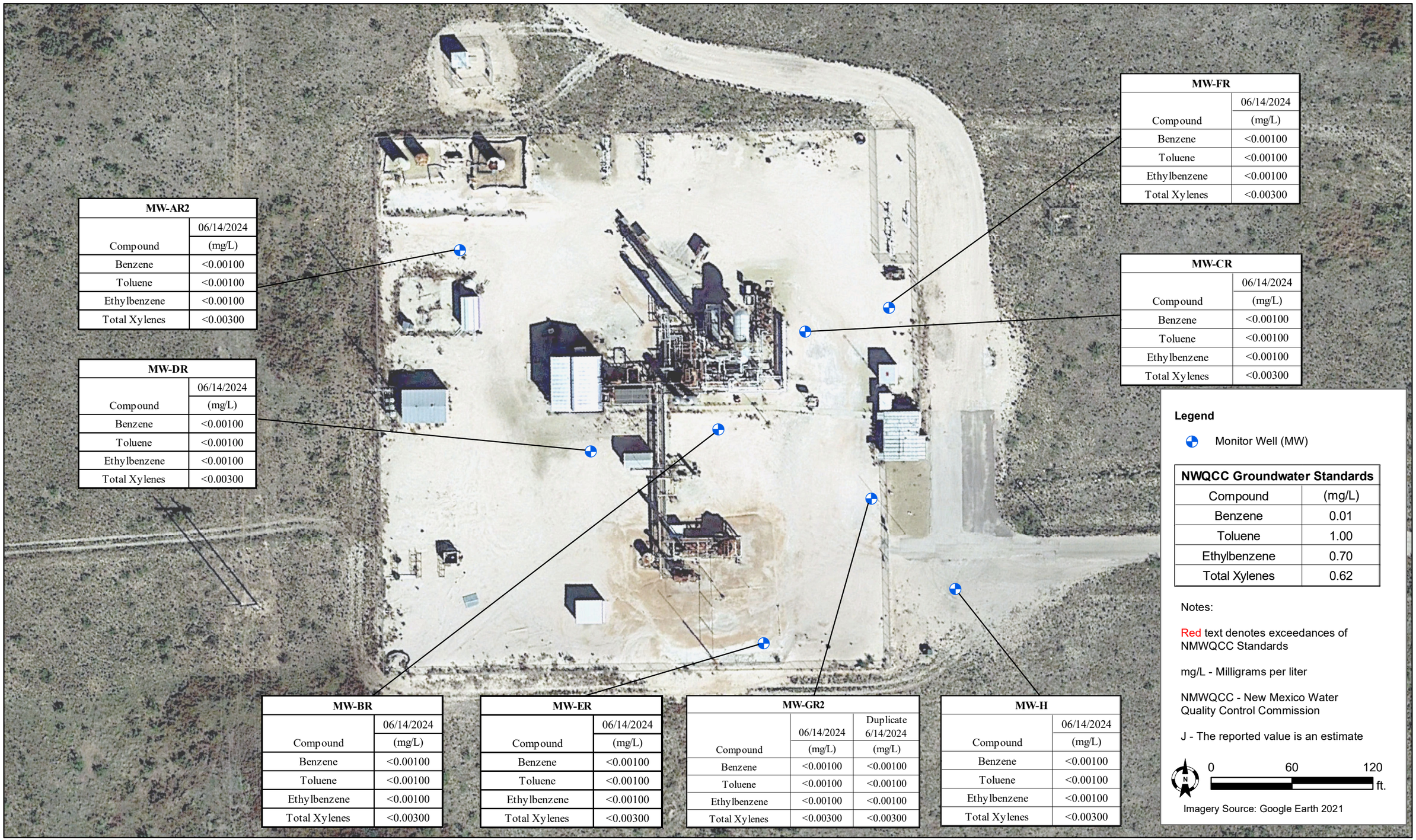
TASMAN

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

DCP Operating Company, LP
Hobbs Gas Plant
SWNE, Section 36, Township 18 South, Range 36 East
Lea County, New Mexico

Analytical Results Map
(March 20, 2024)

Figure
6



MW-AR2	
	06/14/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-DR	
	06/14/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-FR	
	06/14/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-CR	
	06/14/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-BR	
	06/14/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-ER	
	06/14/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-GR2		
	06/14/2024	Duplicate 6/14/2024
Compound	(mg/L)	(mg/L)
Benzene	<0.00100	<0.00100
Toluene	<0.00100	<0.00100
Ethylbenzene	<0.00100	<0.00100
Total Xylenes	<0.00300	<0.00300

MW-H	
	06/14/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

Legend

Monitor Well (MW)

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

Notes:

Red text denotes exceedances of NMWQCC Standards

mg/L - Milligrams per liter

NMWQCC - New Mexico Water Quality Control Commission

J - The reported value is an estimate

0 60 120 ft.

Imagery Source: Google Earth 2021

DATE: July 2024

DESIGNED BY: B. Dennis

DRAWN BY: K. Stark

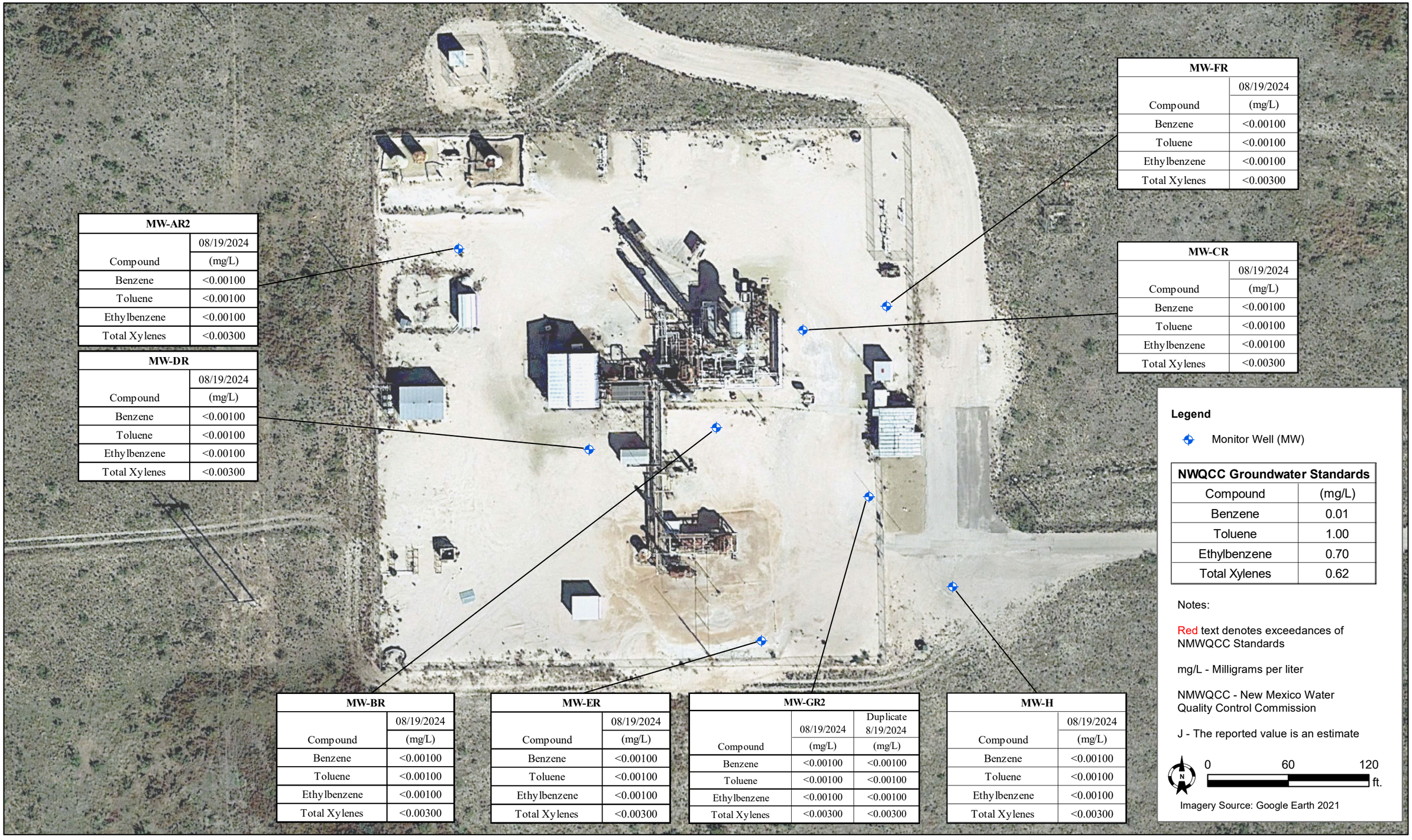
TASMAN

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

DCP Midstream, LP
Hobbs Gas Plant
SWNE, Section 36, Township 18 South, Range 36 East
Lea County, New Mexico

Analytical Results Map
(June 14, 2024)

Figure
7



MW-AR2	
	08/19/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-DR	
	08/19/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-FR	
	08/19/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-CR	
	08/19/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-BR	
	08/19/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-ER	
	08/19/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

MW-GR2		
	08/19/2024	Duplicate 8/19/2024
Compound	(mg/L)	(mg/L)
Benzene	<0.00100	<0.00100
Toluene	<0.00100	<0.00100
Ethylbenzene	<0.00100	<0.00100
Total Xylenes	<0.00300	<0.00300

MW-H	
	08/19/2024
Compound	(mg/L)
Benzene	<0.00100
Toluene	<0.00100
Ethylbenzene	<0.00100
Total Xylenes	<0.00300

Legend

Monitor Well (MW)

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

Notes:

Red text denotes exceedances of NMWQCC Standards

mg/L - Milligrams per liter

NMWQCC - New Mexico Water Quality Control Commission

J - The reported value is an estimate

0 60 120 ft.

Imagery Source: Google Earth 2021

DATE: August 2024

DESIGNED BY: B. Dennis

DRAWN BY: K. Stark

TASMAN

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

DCP Operating Company, LP
Hobbs Gas Plant
SWNE, Section 36, Township 18 South, Range 36 East
Lea County, New Mexico

Analytical Results Map
(August 19, 2024)

Figure
8

Appendix A

Laboratory Analytical Report

Pace Analytical Job #: L1717616

Pace Analytical Job #: L1747488

Pace Analytical Job #: L1769554

Pace Analytical®

ANALYTICAL REPORT

March 28, 2024

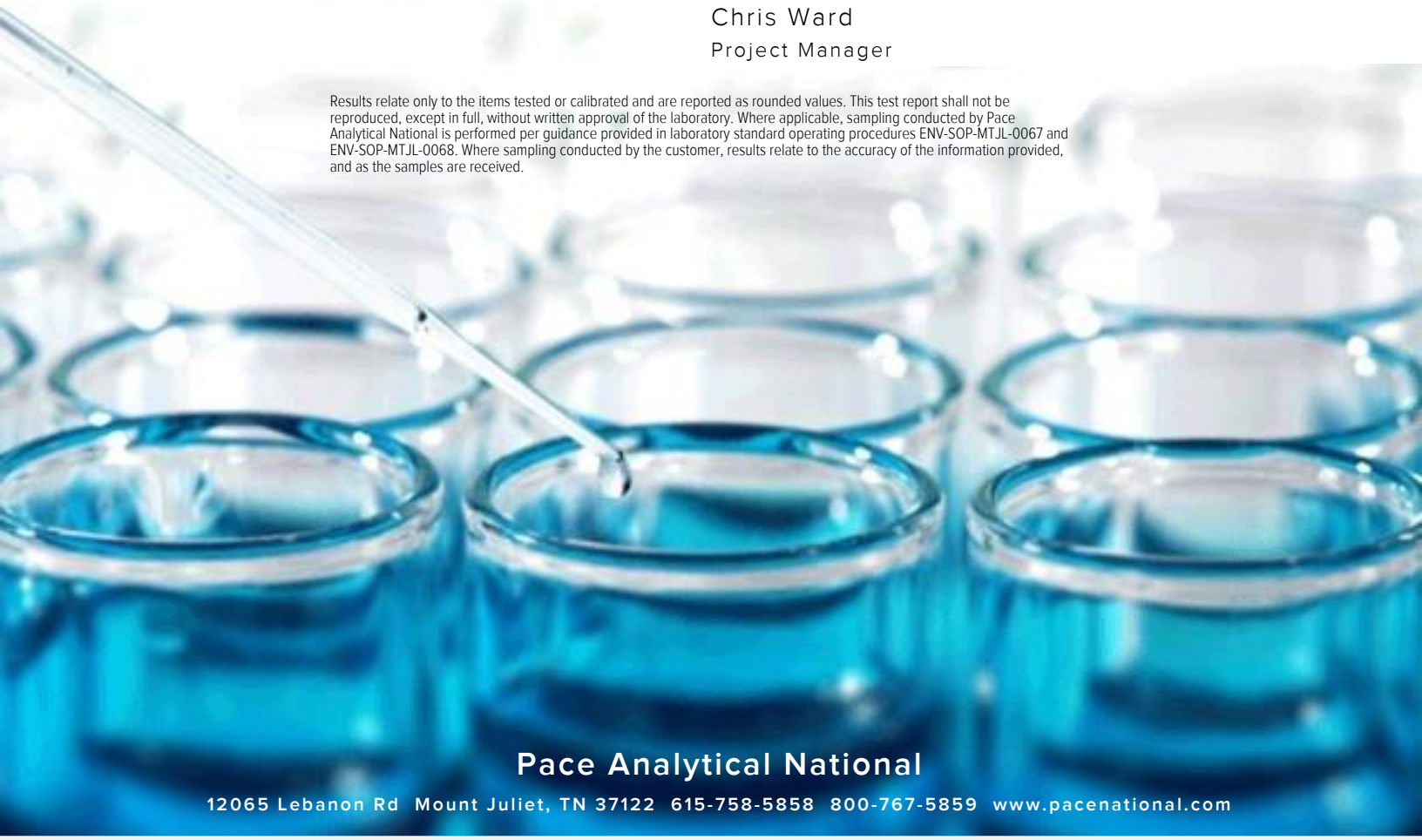
DCP Midstream - Tasman

Sample Delivery Group:	L1717616
Samples Received:	03/21/2024
Project Number:	390560101
Description:	Hobbs Gas Plant

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

Entire Report Reviewed By: Chris Ward

Chris Ward
Project Manager



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

TABLE OF CONTENTS

MW-AR2 L1717616-01 GW

Collected by: Kendon Stark | Collected date/time: 03/20/24 13:58 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252742	1	03/24/24 10:00	03/24/24 10:00	JCP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2254347	1	03/26/24 17:41	03/26/24 17:41	KSD	Mt. Juliet, TN

MW-BR L1717616-02 GW

Collected by: Kendon Stark | Collected date/time: 03/20/24 14:54 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252742	1	03/24/24 10:22	03/24/24 10:22	JCP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2254347	1	03/26/24 18:01	03/26/24 18:01	KSD	Mt. Juliet, TN

MW-CR L1717616-03 GW

Collected by: Kendon Stark | Collected date/time: 03/20/24 13:13 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252742	1	03/24/24 10:45	03/24/24 10:45	JCP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2254347	1	03/26/24 18:22	03/26/24 18:22	KSD	Mt. Juliet, TN

MW-DR L1717616-04 GW

Collected by: Kendon Stark | Collected date/time: 03/20/24 14:18 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252742	1	03/24/24 11:07	03/24/24 11:07	JCP	Mt. Juliet, TN

MW-ER L1717616-05 GW

Collected by: Kendon Stark | Collected date/time: 03/20/24 14:35 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252742	1	03/24/24 11:30	03/24/24 11:30	JCP	Mt. Juliet, TN

MW-FR L1717616-06 GW

Collected by: Kendon Stark | Collected date/time: 03/20/24 13:34 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252742	1	03/24/24 11:53	03/24/24 11:53	JCP	Mt. Juliet, TN

MW-GR2 L1717616-07 GW

Collected by: Kendon Stark | Collected date/time: 03/20/24 12:53 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252742	1	03/24/24 12:16	03/24/24 12:16	JCP	Mt. Juliet, TN

MW-H L1717616-08 GW

Collected by: Kendon Stark | Collected date/time: 03/20/24 12:34 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252742	1	03/24/24 12:38	03/24/24 12:38	JCP	Mt. Juliet, TN

SAMPLE SUMMARY

TRIP BLANK L1717616-09 GW

Collected by: Kendon Stark
Collected date/time: 03/20/24 15:19
Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252742	1	03/24/24 08:29	03/24/24 08:29	JCP	Mt. Juliet, TN

DUPLICATE L1717616-10 GW

Collected by: Kendon Stark
Collected date/time: 03/20/24 00:00
Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252742	1	03/24/24 13:01	03/24/24 13:01	JCP	Mt. Juliet, TN

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

Chris Ward
Project Manager

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/26/2024 17:41	WG2254347
Toluene	U		0.000278	0.00100	1	03/24/2024 10:00	WG2252742
Ethylbenzene	U		0.000137	0.00100	1	03/24/2024 10:00	WG2252742
Total Xylenes	U		0.000174	0.00300	1	03/24/2024 10:00	WG2252742
(S) Toluene-d8	*110*			*80.0-120*		*03/24/2024 10:00*	WG2252742
(S) Toluene-d8	*108*			*80.0-120*		*03/26/2024 17:41*	WG2254347
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*03/24/2024 10:00*	WG2252742
(S) 4-Bromofluorobenzene	*86.9*			*77.0-126*		*03/26/2024 17:41*	WG2254347
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*03/24/2024 10:00*	WG2252742
(S) 1,2-Dichloroethane-d4	*86.8*			*70.0-130*		*03/26/2024 17:41*	WG2254347

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/26/2024 18:01	WG2254347
Toluene	U		0.000278	0.00100	1	03/24/2024 10:22	WG2252742
Ethylbenzene	U		0.000137	0.00100	1	03/24/2024 10:22	WG2252742
Total Xylenes	U		0.000174	0.00300	1	03/24/2024 10:22	WG2252742
(S) Toluene-d8	*107*			*80.0-120*		*03/24/2024 10:22*	WG2252742
(S) Toluene-d8	*110*			*80.0-120*		*03/26/2024 18:01*	WG2254347
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*03/24/2024 10:22*	WG2252742
(S) 4-Bromofluorobenzene	*85.6*			*77.0-126*		*03/26/2024 18:01*	WG2254347
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*03/24/2024 10:22*	WG2252742
(S) 1,2-Dichloroethane-d4	*86.4*			*70.0-130*		*03/26/2024 18:01*	WG2254347

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/26/2024 18:22	WG2254347
Toluene	U		0.000278	0.00100	1	03/24/2024 10:45	WG2252742
Ethylbenzene	U		0.000137	0.00100	1	03/24/2024 10:45	WG2252742
Total Xylenes	0.000530	J	0.000174	0.00300	1	03/24/2024 10:45	WG2252742
(S) Toluene-d8	*110*			*80.0-120*		*03/24/2024 10:45*	WG2252742
(S) Toluene-d8	*110*			*80.0-120*		*03/26/2024 18:22*	WG2254347
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*03/24/2024 10:45*	WG2252742
(S) 4-Bromofluorobenzene	*87.8*			*77.0-126*		*03/26/2024 18:22*	WG2254347
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*03/24/2024 10:45*	WG2252742
(S) 1,2-Dichloroethane-d4	*90.2*			*70.0-130*		*03/26/2024 18:22*	WG2254347

MW-DR
Collected date/time: 03/20/24 14:18
L1717616

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/24/2024 11:07	WG2252742
Toluene	U		0.000278	0.00100	1	03/24/2024 11:07	WG2252742
Ethylbenzene	U		0.000137	0.00100	1	03/24/2024 11:07	WG2252742
Total Xylenes	U		0.000174	0.00300	1	03/24/2024 11:07	WG2252742
(S) Toluene-d8	*108*			*80.0-120*		*03/24/2024 11:07*	WG2252742
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*03/24/2024 11:07*	WG2252742
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*03/24/2024 11:07*	WG2252742

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/24/2024 11:30	WG2252742
Toluene	U		0.000278	0.00100	1	03/24/2024 11:30	WG2252742
Ethylbenzene	U		0.000137	0.00100	1	03/24/2024 11:30	WG2252742
Total Xylenes	U		0.000174	0.00300	1	03/24/2024 11:30	WG2252742
(S) Toluene-d8	*108*			*80.0-120*		*03/24/2024 11:30*	WG2252742
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*03/24/2024 11:30*	WG2252742
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*03/24/2024 11:30*	WG2252742

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/24/2024 11:53	WG2252742
Toluene	U		0.000278	0.00100	1	03/24/2024 11:53	WG2252742
Ethylbenzene	U		0.000137	0.00100	1	03/24/2024 11:53	WG2252742
Total Xylenes	U		0.000174	0.00300	1	03/24/2024 11:53	WG2252742
(S) Toluene-d8	*107*			*80.0-120*		*03/24/2024 11:53*	WG2252742
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*03/24/2024 11:53*	WG2252742
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*03/24/2024 11:53*	WG2252742

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/24/2024 12:16	WG2252742
Toluene	U		0.000278	0.00100	1	03/24/2024 12:16	WG2252742
Ethylbenzene	U		0.000137	0.00100	1	03/24/2024 12:16	WG2252742
Total Xylenes	0.000600	J	0.000174	0.00300	1	03/24/2024 12:16	WG2252742
(S) Toluene-d8	*108*			*80.0-120*		*03/24/2024 12:16*	WG2252742
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*03/24/2024 12:16*	WG2252742
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*03/24/2024 12:16*	WG2252742

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/24/2024 12:38	WG2252742
Toluene	U		0.000278	0.00100	1	03/24/2024 12:38	WG2252742
Ethylbenzene	U		0.000137	0.00100	1	03/24/2024 12:38	WG2252742
Total Xylenes	U		0.000174	0.00300	1	03/24/2024 12:38	WG2252742
(S) Toluene-d8	*108*			*80.0-120*		*03/24/2024 12:38*	WG2252742
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*03/24/2024 12:38*	WG2252742
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*03/24/2024 12:38*	WG2252742

SAMPLE RESULTS - 09

TRIP BLANK
Collected date/time: 03/20/24 15:19
L1717616

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	03/24/2024 08:29	WG2252742
Toluene	U		0.000278	0.00100	1	03/24/2024 08:29	WG2252742
Ethylbenzene	U		0.000137	0.00100	1	03/24/2024 08:29	WG2252742
Total Xylenes	U		0.000174	0.00300	1	03/24/2024 08:29	WG2252742
(S) Toluene-d8	*108*			*80.0-120*		*03/24/2024 08:29*	WG2252742
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*03/24/2024 08:29*	WG2252742
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*03/24/2024 08:29*	WG2252742

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	03/24/2024 13:01	WG2252742
Toluene	U		0.000278	0.00100	1	03/24/2024 13:01	WG2252742
Ethylbenzene	U		0.000137	0.00100	1	03/24/2024 13:01	WG2252742
Total Xylenes	U		0.000174	0.00300	1	03/24/2024 13:01	WG2252742
(S) Toluene-d8	*109*			*80.0-120*		*03/24/2024 13:01*	WG2252742
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*03/24/2024 13:01*	WG2252742
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*03/24/2024 13:01*	WG2252742

Method Blank (MB)

(MB) R4050089-3 03/24/24 06:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	*110*			*80.0-120*
(S) 4-Bromofluorobenzene	*106*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*

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

(LCS) R4050089-1 03/24/24 05:50 • (LCSD) R4050089-2 03/24/24 06:13

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00456	0.00451	91.2	90.2	70.0-123			1.10	20
Toluene	0.00500	0.00500	0.00500	100	100	79.0-120			0.000	20
Ethylbenzene	0.00500	0.00474	0.00472	94.8	94.4	79.0-123			0.423	20
Total Xylenes	0.0150	0.0144	0.0143	96.0	95.3	79.0-123			0.697	20
(S) Toluene-d8				*106*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*105*	*104*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*105*	*104*	*70.0-130*				

Method Blank (MB)

(MB) R4050468-2 03/26/24 15:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
(S) Toluene-d8	*110*			*80.0-120*
(S) 4-Bromofluorobenzene	*85.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*86.6*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4050468-1 03/26/24 14:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00515	103	70.0-123	
(S) Toluene-d8			*103*	*80.0-120*	
(S) 4-Bromofluorobenzene			*91.3*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*81.9*	*70.0-130*	

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

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

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

Company Name/Address:

DCP Midstream - Tasman

2620 W. Marland Blvd.
Hobbs, NM 88240

Billing Information:
Accounts Payable
370 17th St, Ste 2500
Denver, CO 80202

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # 171616
Ta D138
Acctnum: **DCPTASMAN**
Template: **T216144**
Prelogin: **P1060773**
PM: **824 - Chris Ward**
PB:
Shipped Via: **FedEX Ground**

Report to: **Brett Dennis**

Email To: **Stephen.weathers@p66.com;knorman@tasman**

Project Description: **Hobbs Gas Plant**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **575-318-5017**

Client Project #

Lab Project # **DCPTASMAN-HOBBSGAS**

Collected by (print): Kendon Stark

Site/Facility ID #

P.O. # **0000662021**

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

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

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	V8260BTEX 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-AR2	Grab	GW	NA	3/20/24	13:58	3	X			-01
MW-BR		GW			14:54	3	X			-02
MW-CR		GW			13:13	3	X			-03
MW-DR		GW			14:16	3	X			-04
MW-ER		GW			14:35	3	X			-05
MW-FR		GW			13:24	3	X			-06
MW-GR2		GW			12:53	3	X			-07
MW-H		GW			12:34	3	X			-08
TRIP BLANK		GW			15:19	3		X		-09
DUPLICATE		GW			—	3	X			-10

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 642683027116

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Kendon Stark	3/20/24	15:24		Y	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: DT49 °C Bottles Received: 3.6+0=3.6 27	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Chasles Stevenson	Date: 3-21-24 Time: 9:00	Hold: Condition: NCF / OK

ANALYTICAL REPORT

June 24, 2024

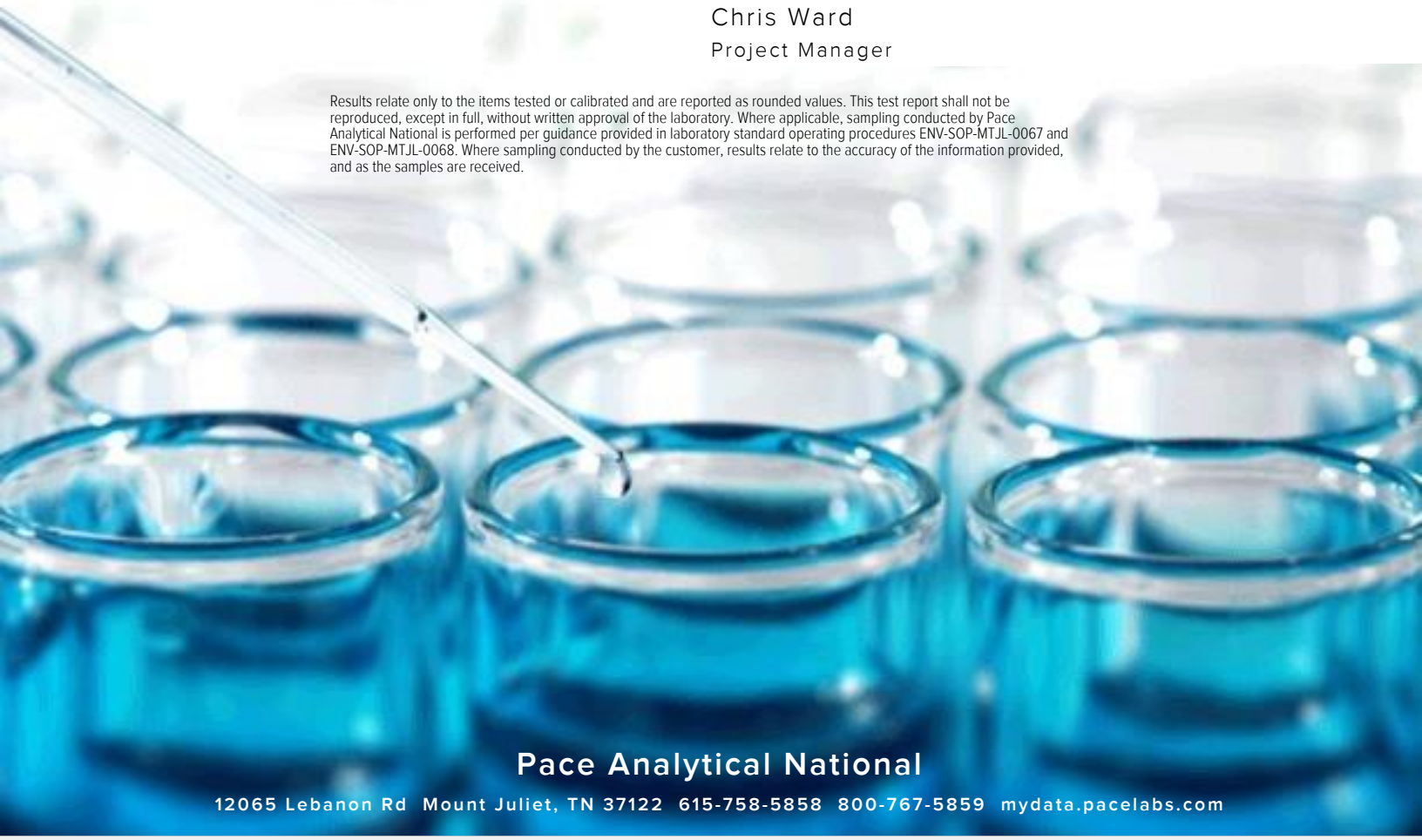
Phillips 66 - Tasman

Sample Delivery Group:	L1747488
Samples Received:	06/15/2024
Project Number:	390560101
Description:	Hobbs Gas Plant

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

Entire Report Reviewed By: Chris Ward

Chris Ward
Project Manager



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

TABLE OF CONTENTS

MW-AR2 L1747488-01 GW

Collected by: Kendon Stark | Collected date/time: 06/14/24 09:39 | Received date/time: 06/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2310306	1	06/23/24 07:28	06/23/24 07:28	DWR	Mt. Juliet, TN

MW-BR L1747488-02 GW

Collected by: Kendon Stark | Collected date/time: 06/14/24 10:28 | Received date/time: 06/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2310306	1	06/23/24 07:50	06/23/24 07:50	DWR	Mt. Juliet, TN

MW-CR L1747488-03 GW

Collected by: Kendon Stark | Collected date/time: 06/14/24 08:52 | Received date/time: 06/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2310306	1	06/23/24 08:12	06/23/24 08:12	DWR	Mt. Juliet, TN

MW-DR L1747488-04 GW

Collected by: Kendon Stark | Collected date/time: 06/14/24 09:51 | Received date/time: 06/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2310306	1	06/23/24 08:34	06/23/24 08:34	DWR	Mt. Juliet, TN

MW-ER L1747488-05 GW

Collected by: Kendon Stark | Collected date/time: 06/14/24 10:12 | Received date/time: 06/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2310306	1	06/23/24 08:56	06/23/24 08:56	DWR	Mt. Juliet, TN

MW-FR L1747488-06 GW

Collected by: Kendon Stark | Collected date/time: 06/14/24 09:03 | Received date/time: 06/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2310306	1	06/23/24 09:18	06/23/24 09:18	DWR	Mt. Juliet, TN

MW-GR2 L1747488-07 GW

Collected by: Kendon Stark | Collected date/time: 06/14/24 08:29 | Received date/time: 06/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2310306	1	06/23/24 09:41	06/23/24 09:41	DWR	Mt. Juliet, TN

MW-H L1747488-08 GW

Collected by: Kendon Stark | Collected date/time: 06/14/24 10:48 | Received date/time: 06/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2310306	1	06/23/24 10:03	06/23/24 10:03	DWR	Mt. Juliet, TN

SAMPLE SUMMARY

TRIP BLANK L1747488-09 GW

Collected by: Kendon Stark
Collected date/time: 06/14/24 11:13
Received date/time: 06/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2310306	1	06/23/24 04:31	06/23/24 04:31	DWR	Mt. Juliet, TN

DUPLICATE L1747488-10 GW

Collected by: Kendon Stark
Collected date/time: 06/14/24 00:00
Received date/time: 06/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2310306	1	06/23/24 10:24	06/23/24 10:24	DWR	Mt. Juliet, TN

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

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

Chris Ward
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Lab Sample ID	Project Sample ID	Method
L1747488-01	MW-AR2	8260B
L1747488-02	MW-BR	8260B
L1747488-03	MW-CR	8260B
L1747488-04	MW-DR	8260B
L1747488-06	MW-FR	8260B
L1747488-10	DUPLICATE	8260B

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/23/2024 07:28	WG2310306
Toluene	U		0.000278	0.00100	1	06/23/2024 07:28	WG2310306
Ethylbenzene	U		0.000137	0.00100	1	06/23/2024 07:28	WG2310306
Total Xylenes	U		0.000174	0.00300	1	06/23/2024 07:28	WG2310306
(S) Toluene-d8	*91.7*			*80.0-120*		*06/23/2024 07:28*	WG2310306
(S) 4-Bromofluorobenzene	*99.1*			*77.0-126*		*06/23/2024 07:28*	WG2310306
(S) 1,2-Dichloroethane-d4	*93.4*			*70.0-130*		*06/23/2024 07:28*	WG2310306

MW-DR
Collected date/time: 06/14/24 10:28
L1747488

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/23/2024 07:50	WG2310306
Toluene	U		0.000278	0.00100	1	06/23/2024 07:50	WG2310306
Ethylbenzene	U		0.000137	0.00100	1	06/23/2024 07:50	WG2310306
Total Xylenes	U		0.000174	0.00300	1	06/23/2024 07:50	WG2310306
(S) Toluene-d8	*94.7*			*80.0-120*		*06/23/2024 07:50*	WG2310306
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*06/23/2024 07:50*	WG2310306
(S) 1,2-Dichloroethane-d4	*93.1*			*70.0-130*		*06/23/2024 07:50*	WG2310306

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/23/2024 08:12	WG2310306
Toluene	U		0.000278	0.00100	1	06/23/2024 08:12	WG2310306
Ethylbenzene	U		0.000137	0.00100	1	06/23/2024 08:12	WG2310306
Total Xylenes	U		0.000174	0.00300	1	06/23/2024 08:12	WG2310306
(S) Toluene-d8	*89.0*			*80.0-120*		*06/23/2024 08:12*	WG2310306
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*		*06/23/2024 08:12*	WG2310306
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*		*06/23/2024 08:12*	WG2310306

MW-DR
Collected date/time: 06/14/24 09:51
L1747488

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/23/2024 08:34	WG2310306
Toluene	U		0.000278	0.00100	1	06/23/2024 08:34	WG2310306
Ethylbenzene	U		0.000137	0.00100	1	06/23/2024 08:34	WG2310306
Total Xylenes	U		0.000174	0.00300	1	06/23/2024 08:34	WG2310306
(S) Toluene-d8	*94.6*			*80.0-120*		*06/23/2024 08:34*	WG2310306
(S) 4-Bromofluorobenzene	*99.3*			*77.0-126*		*06/23/2024 08:34*	WG2310306
(S) 1,2-Dichloroethane-d4	*94.1*			*70.0-130*		*06/23/2024 08:34*	WG2310306

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/23/2024 08:56	WG2310306
Toluene	U		0.000278	0.00100	1	06/23/2024 08:56	WG2310306
Ethylbenzene	U		0.000137	0.00100	1	06/23/2024 08:56	WG2310306
Total Xylenes	U		0.000174	0.00300	1	06/23/2024 08:56	WG2310306
(S) Toluene-d8	*96.4*			*80.0-120*		*06/23/2024 08:56*	WG2310306
(S) 4-Bromofluorobenzene	*98.0*			*77.0-126*		*06/23/2024 08:56*	WG2310306
(S) 1,2-Dichloroethane-d4	*94.2*			*70.0-130*		*06/23/2024 08:56*	WG2310306

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/23/2024 09:18	WG2310306
Toluene	U		0.000278	0.00100	1	06/23/2024 09:18	WG2310306
Ethylbenzene	U		0.000137	0.00100	1	06/23/2024 09:18	WG2310306
Total Xylenes	U		0.000174	0.00300	1	06/23/2024 09:18	WG2310306
(S) Toluene-d8	*91.8*			*80.0-120*		*06/23/2024 09:18*	WG2310306
(S) 4-Bromofluorobenzene	*97.7*			*77.0-126*		*06/23/2024 09:18*	WG2310306
(S) 1,2-Dichloroethane-d4	*94.0*			*70.0-130*		*06/23/2024 09:18*	WG2310306

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/23/2024 09:41	WG2310306
Toluene	U		0.000278	0.00100	1	06/23/2024 09:41	WG2310306
Ethylbenzene	U		0.000137	0.00100	1	06/23/2024 09:41	WG2310306
Total Xylenes	U		0.000174	0.00300	1	06/23/2024 09:41	WG2310306
(S) Toluene-d8	*95.9*			*80.0-120*		*06/23/2024 09:41*	WG2310306
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*06/23/2024 09:41*	WG2310306
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*		*06/23/2024 09:41*	WG2310306

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/23/2024 10:03	WG2310306
Toluene	U		0.000278	0.00100	1	06/23/2024 10:03	WG2310306
Ethylbenzene	U		0.000137	0.00100	1	06/23/2024 10:03	WG2310306
Total Xylenes	U		0.000174	0.00300	1	06/23/2024 10:03	WG2310306
(S) Toluene-d8	*96.1*			*80.0-120*		*06/23/2024 10:03*	WG2310306
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*06/23/2024 10:03*	WG2310306
(S) 1,2-Dichloroethane-d4	*97.3*			*70.0-130*		*06/23/2024 10:03*	WG2310306

TRIP BLANK
Collected date/time: 06/14/24 11:13
L1747488

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/23/2024 04:31	WG2310306
Toluene	U		0.000278	0.00100	1	06/23/2024 04:31	WG2310306
Ethylbenzene	U		0.000137	0.00100	1	06/23/2024 04:31	WG2310306
Total Xylenes	U		0.000174	0.00300	1	06/23/2024 04:31	WG2310306
(S) Toluene-d8	*97.1*			*80.0-120*		*06/23/2024 04:31*	WG2310306
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*06/23/2024 04:31*	WG2310306
(S) 1,2-Dichloroethane-d4	*94.3*			*70.0-130*		*06/23/2024 04:31*	WG2310306

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

DUPLICATE
Collected date/time: 06/14/24 00:00

SAMPLE RESULTS - 10

L1747488

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.0000941	0.00100	1	06/23/2024 10:24	WG2310306
Toluene	U		0.000278	0.00100	1	06/23/2024 10:24	WG2310306
Ethylbenzene	U		0.000137	0.00100	1	06/23/2024 10:24	WG2310306
Total Xylenes	U		0.000174	0.00300	1	06/23/2024 10:24	WG2310306
(S) Toluene-d8	*95.4*			*80.0-120*		*06/23/2024 10:24*	WG2310306
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*06/23/2024 10:24*	WG2310306
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*06/23/2024 10:24*	WG2310306

Method Blank (MB)

(MB) R4085720-3 06/23/24 03:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	*96.2*			*80.0-120*
(S) 4-Bromofluorobenzene	*102*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*89.9*			*70.0-130*

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

(LCS) R4085720-1 06/23/24 02:28 • (LCSD) R4085720-2 06/23/24 02:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00521	0.00482	104	96.4	70.0-123			7.78	20
Toluene	0.00500	0.00509	0.00445	102	89.0	79.0-120			13.4	20
Ethylbenzene	0.00500	0.00513	0.00461	103	92.2	79.0-123			10.7	20
Total Xylenes	0.0150	0.0151	0.0137	101	91.3	79.0-123			9.72	20
(S) Toluene-d8				*97.4*	*95.7*	*80.0-120*				
(S) 4-Bromofluorobenzene				*102*	*95.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*91.9*	*91.9*	*70.0-130*				

L1747461-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1747461-02 06/23/24 06:20 • (MS) R4085720-4 06/23/24 11:31 • (MSD) R4085720-5 06/23/24 11:53

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	U	0.00613	0.00558	123	112	1	17.0-158			9.39	27
Toluene	0.00500	U	0.00566	0.00512	113	102	1	26.0-154			10.0	28
Ethylbenzene	0.00500	U	0.00585	0.00529	117	106	1	30.0-155			10.1	27
Total Xylenes	0.0150	U	0.0173	0.0149	115	99.3	1	29.0-154			14.9	28
(S) Toluene-d8					*93.3*	*93.9*		*80.0-120*				
(S) 4-Bromofluorobenzene					*98.0*	*97.7*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*94.0*	*92.8*		*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

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

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

Company Name/Address:
Phillips 66 - Tasman

2620 W. Marland Blvd.
Hobbs, NM 88240

Billing Information:
Accounts Payable
370 17th St, Ste 2500
Denver, CO 80202

Pres Chk

Report to:
Brett Dennis

Email To:
Stephen.weathers@p66.com;knorman@tasman

Project Description:
Hobbs Gas Plant

City/State Collected:

Please Circle:
PT MT CT ET

Phone: **575-318-5017**

Client Project #

Lab Project #
DCPTASMAN-HOBBSGAS

Collected by (print):
Kendon Stark

Site/Facility ID #

P.O. #
4301350802

Collected by (signature):

Immediately
Packed on Ice N ____ Y ____

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

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

SDG # L1747488

G155

Acctnum: **DCPTASMAN**
Template: **T216144**
Prelogin: **P1080155**
PM: **824 - Chris Ward**
PB:

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	V8260BTEX 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-AR2	Grab	GW	NA	6.14.24	09:39	3	X			-01
MW-BR		GW			10:28	3	X			-02
MW-CR		GW			08:52	3	X			-03
MW-DR		GW			09:51	3	X			-04
MW-ER		GW			10:12	3	X			-05
MW-FR		GW			09:03	3	X			-06
MW-GR2		GW			08:24	3	X			-07
MW-H		GW			10:48	3	X			-08
TRIP BLANK		GW			11:13	3		X		-09
DUPLICATE		GW			NA	3	X			-10

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 7173 3312 2515

Sample Receipt Checklist

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

	Date:	Time:		
Relinquished by : (Signature)	6.14.24	11:30	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.7 °C Bottles Received: 3.8+0.3=4.1 30
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) KRoden	Date: 6/15/24 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

August 29, 2024

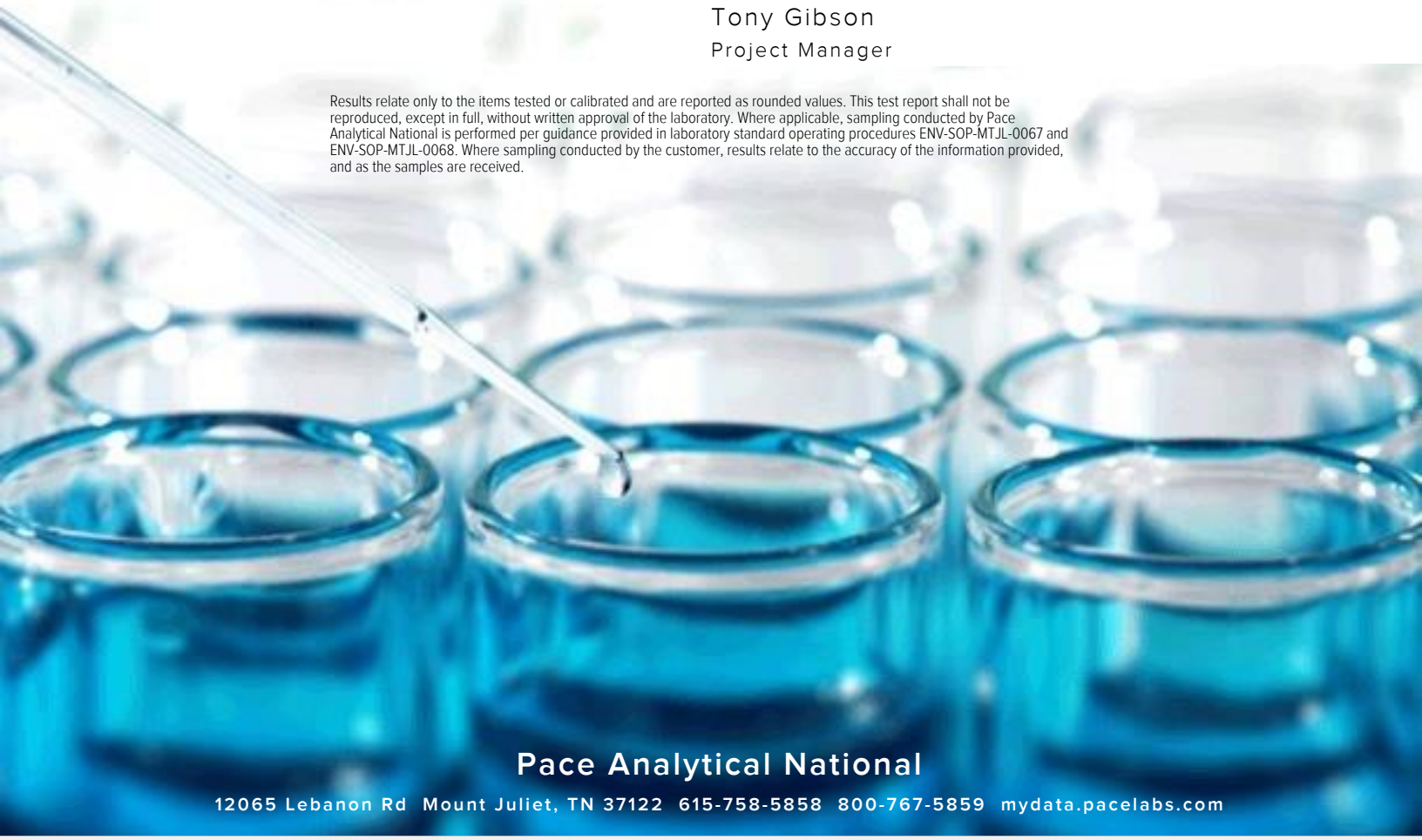
Tasman Geosciences- Broomfield, CO

Sample Delivery Group:	L1769554
Samples Received:	08/20/2024
Project Number:	390560101
Description:	Hobbs Gas Plant

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

Entire Report Reviewed By:

Tony Gibson
Project Manager



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

TABLE OF CONTENTS

MW-AR2 L1769554-01 GW

Collected by: KS | Collected date/time: 08/19/24 10:19 | Received date/time: 08/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2349613	1	08/24/24 04:48	08/24/24 04:48	DYW	Mt. Juliet, TN

MW-BR L1769554-02 GW

Collected by: KS | Collected date/time: 08/19/24 11:36 | Received date/time: 08/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2349613	1	08/24/24 05:09	08/24/24 05:09	DYW	Mt. Juliet, TN

MW-CR L1769554-03 GW

Collected by: KS | Collected date/time: 08/19/24 09:37 | Received date/time: 08/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2349613	1	08/24/24 05:30	08/24/24 05:30	DYW	Mt. Juliet, TN

MW-DR L1769554-04 GW

Collected by: KS | Collected date/time: 08/19/24 10:43 | Received date/time: 08/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2349613	1	08/24/24 05:52	08/24/24 05:52	DYW	Mt. Juliet, TN

MW-ER L1769554-05 GW

Collected by: KS | Collected date/time: 08/19/24 11:11 | Received date/time: 08/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2349613	1	08/24/24 06:13	08/24/24 06:13	DYW	Mt. Juliet, TN

MW-FR L1769554-06 GW

Collected by: KS | Collected date/time: 08/19/24 09:51 | Received date/time: 08/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2349613	1	08/24/24 06:34	08/24/24 06:34	DYW	Mt. Juliet, TN

MW-GR2 L1769554-07 GW

Collected by: KS | Collected date/time: 08/19/24 09:06 | Received date/time: 08/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2349613	1	08/24/24 06:55	08/24/24 06:55	DYW	Mt. Juliet, TN

MW-H L1769554-08 GW

Collected by: KS | Collected date/time: 08/19/24 11:56 | Received date/time: 08/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2349613	1	08/24/24 07:16	08/24/24 07:16	DYW	Mt. Juliet, TN

SAMPLE SUMMARY

TRIP BLANK L1769554-09 GW

Collected by: KS | Collected date/time: 08/19/24 00:00 | Received date/time: 08/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2351441	1	08/27/24 19:27	08/27/24 19:27	DYW	Mt. Juliet, TN

DUPLICATE L1769554-10 GW

Collected by: KS | Collected date/time: 08/19/24 00:00 | Received date/time: 08/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2349613	1	08/24/24 07:37	08/24/24 07:37	DYW	Mt. Juliet, TN

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

Tony Gibson
Project Manager

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/24/2024 04:48	WG2349613
Toluene	ND		0.00100	1	08/24/2024 04:48	WG2349613
Ethylbenzene	ND		0.00100	1	08/24/2024 04:48	WG2349613
Total Xylenes	ND		0.00300	1	08/24/2024 04:48	WG2349613
(S) Toluene-d8	*93.6*		*80.0-120*		*08/24/2024 04:48*	WG2349613
(S) 4-Bromofluorobenzene	*98.5*		*77.0-126*		*08/24/2024 04:48*	WG2349613
(S) 1,2-Dichloroethane-d4	*94.4*		*70.0-130*		*08/24/2024 04:48*	WG2349613

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/24/2024 05:09	WG2349613
Toluene	ND		0.00100	1	08/24/2024 05:09	WG2349613
Ethylbenzene	ND		0.00100	1	08/24/2024 05:09	WG2349613
Total Xylenes	ND		0.00300	1	08/24/2024 05:09	WG2349613
(S) Toluene-d8	*95.3*		*80.0-120*		*08/24/2024 05:09*	WG2349613
(S) 4-Bromofluorobenzene	*96.8*		*77.0-126*		*08/24/2024 05:09*	WG2349613
(S) 1,2-Dichloroethane-d4	*91.9*		*70.0-130*		*08/24/2024 05:09*	WG2349613

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/24/2024 05:30	WG2349613
Toluene	ND		0.00100	1	08/24/2024 05:30	WG2349613
Ethylbenzene	ND		0.00100	1	08/24/2024 05:30	WG2349613
Total Xylenes	ND		0.00300	1	08/24/2024 05:30	WG2349613
(S) Toluene-d8	*93.9*		*80.0-120*		*08/24/2024 05:30*	WG2349613
(S) 4-Bromofluorobenzene	*96.6*		*77.0-126*		*08/24/2024 05:30*	WG2349613
(S) 1,2-Dichloroethane-d4	*94.3*		*70.0-130*		*08/24/2024 05:30*	WG2349613

MW-DR
Collected date/time: 08/19/24 10:43
L1769554

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/24/2024 05:52	WG2349613
Toluene	ND		0.00100	1	08/24/2024 05:52	WG2349613
Ethylbenzene	ND		0.00100	1	08/24/2024 05:52	WG2349613
Total Xylenes	ND		0.00300	1	08/24/2024 05:52	WG2349613
(S) Toluene-d8	*94.4*		*80.0-120*		*08/24/2024 05:52*	WG2349613
(S) 4-Bromofluorobenzene	*96.1*		*77.0-126*		*08/24/2024 05:52*	WG2349613
(S) 1,2-Dichloroethane-d4	*93.6*		*70.0-130*		*08/24/2024 05:52*	WG2349613

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/24/2024 06:13	WG2349613
Toluene	ND		0.00100	1	08/24/2024 06:13	WG2349613
Ethylbenzene	ND		0.00100	1	08/24/2024 06:13	WG2349613
Total Xylenes	ND		0.00300	1	08/24/2024 06:13	WG2349613
(S) Toluene-d8	*94.4*		*80.0-120*		*08/24/2024 06:13*	WG2349613
(S) 4-Bromofluorobenzene	*98.6*		*77.0-126*		*08/24/2024 06:13*	WG2349613
(S) 1,2-Dichloroethane-d4	*93.6*		*70.0-130*		*08/24/2024 06:13*	WG2349613

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

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/24/2024 06:34	WG2349613
Toluene	ND		0.00100	1	08/24/2024 06:34	WG2349613
Ethylbenzene	ND		0.00100	1	08/24/2024 06:34	WG2349613
Total Xylenes	ND		0.00300	1	08/24/2024 06:34	WG2349613
(S) Toluene-d8	*93.9*		*80.0-120*		*08/24/2024 06:34*	WG2349613
(S) 4-Bromofluorobenzene	*97.7*		*77.0-126*		*08/24/2024 06:34*	WG2349613
(S) 1,2-Dichloroethane-d4	*93.3*		*70.0-130*		*08/24/2024 06:34*	WG2349613

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/24/2024 06:55	WG2349613
Toluene	ND		0.00100	1	08/24/2024 06:55	WG2349613
Ethylbenzene	ND		0.00100	1	08/24/2024 06:55	WG2349613
Total Xylenes	ND		0.00300	1	08/24/2024 06:55	WG2349613
(S) Toluene-d8	*93.4*		*80.0-120*		*08/24/2024 06:55*	WG2349613
(S) 4-Bromofluorobenzene	*96.8*		*77.0-126*		*08/24/2024 06:55*	WG2349613
(S) 1,2-Dichloroethane-d4	*92.6*		*70.0-130*		*08/24/2024 06:55*	WG2349613

MW-11
Collected date/time: 08/19/24 11:56
L1769554

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	08/24/2024 07:16	WG2349613
Toluene	ND		0.00100	1	08/24/2024 07:16	WG2349613
Ethylbenzene	ND		0.00100	1	08/24/2024 07:16	WG2349613
Total Xylenes	ND		0.00300	1	08/24/2024 07:16	WG2349613
(S) Toluene-d8	*100*		*80.0-120*		*08/24/2024 07:16*	WG2349613
(S) 4-Bromofluorobenzene	*59.1*	J2	*77.0-126*		*08/24/2024 07:16*	WG2349613
(S) 1,2-Dichloroethane-d4	*92.4*		*70.0-130*		*08/24/2024 07:16*	WG2349613

TRIP BLANK
Collected date/time: 08/19/24 00:00
L1769554

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/27/2024 19:27	WG2351441
Toluene	ND		0.00100	1	08/27/2024 19:27	WG2351441
Ethylbenzene	ND		0.00100	1	08/27/2024 19:27	WG2351441
Total Xylenes	ND		0.00300	1	08/27/2024 19:27	WG2351441
(S) Toluene-d8	*88.9*		*80.0-120*		*08/27/2024 19:27*	WG2351441
(S) 4-Bromofluorobenzene	*98.8*		*77.0-126*		*08/27/2024 19:27*	WG2351441
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*08/27/2024 19:27*	WG2351441

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

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/24/2024 07:37	WG2349613
Toluene	ND		0.00100	1	08/24/2024 07:37	WG2349613
Ethylbenzene	ND		0.00100	1	08/24/2024 07:37	WG2349613
Total Xylenes	ND		0.00300	1	08/24/2024 07:37	WG2349613
(S) Toluene-d8	*94.6*		*80.0-120*		*08/24/2024 07:37*	WG2349613
(S) 4-Bromofluorobenzene	*95.6*		*77.0-126*		*08/24/2024 07:37*	WG2349613
(S) 1,2-Dichloroethane-d4	*94.6*		*70.0-130*		*08/24/2024 07:37*	WG2349613

Method Blank (MB)

(MB) R4112293-3 08/24/24 01:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	*93.8*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*95.0*			*70.0-130*

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

(LCS) R4112293-1 08/23/24 23:26 • (LCSD) R4112293-2 08/23/24 23:47

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00522	0.00510	104	102	70.0-123			2.33	20
Toluene	0.00500	0.00449	0.00450	89.8	90.0	79.0-120			0.222	20
Ethylbenzene	0.00500	0.00467	0.00468	93.4	93.6	79.0-123			0.214	20
Total Xylenes	0.0150	0.0141	0.0141	94.0	94.0	79.0-123			0.000	20
(S) Toluene-d8				*93.4*	*94.5*	*80.0-120*				
(S) 4-Bromofluorobenzene				*99.8*	*100*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*94.7*	*96.3*	*70.0-130*				

Method Blank (MB)

(MB) R4113027-3 08/27/24 18:46

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Total Xylenes	U		0.000174	0.00300
(S) Toluene-d8	*92.3*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

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

(LCS) R4113027-1 08/27/24 17:22 • (LCSD) R4113027-2 08/27/24 17:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00533	0.00542	107	108	70.0-123			1.67	20
Toluene	0.00500	0.00449	0.00469	89.8	93.8	79.0-120			4.36	20
Ethylbenzene	0.00500	0.00491	0.00485	98.2	97.0	79.0-123			1.23	20
Total Xylenes	0.0150	0.0142	0.0145	94.7	96.7	79.0-123			2.09	20
(S) Toluene-d8				*90.8*	*91.5*	*80.0-120*				
(S) 4-Bromofluorobenzene				*101*	*100*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*109*	*111*	*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

Company Name/Address:
Tasman Geosciences- Broomfield, CO
2620 W. Marland Blvd.
Hobbs, NM 88240

Billing Information:
Accounts Payable
370 17th St, Ste 2500
Denver, CO 80202

Pres Chk

Report to: **Brett Dennis**

Email To: **Stephen.weathers@p66.com;knorman@tasman**

Project Description: **Hobbs Gas Plant**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **575-318-5017**

Client Project # **390560101**

Lab Project # **TASGEOACO-HOBBSGAS**

Collected by (print): Kenton Stark

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Site/Facility ID #

P.O. # **4301460075**

Quote #

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

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	V8260BTEX 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-AR2	Grab	GW	NA	8/19/24	10:19	3	X			-01
MW-BR		GW			11:36	3	X			-02
MW-CR		GW			09:37	3	X			-03
MW-DR		GW			10:43	3	X			-04
MW-ER		GW			11:11	3	X			-05
MW-FR		GW			09:51	3	X			-06
MW-GR2		GW			09:06	3	X			-07
MW-H		GW			11:56	3	X			-08
TRIP BLANK		GW			—	3		X		-09
DUPLICATE		GW			—	3	X			-10

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

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

SDG # 176954
A104

Acctnum: **TASGEOACO**
Template: **T216144**
Prelogin: **P1093892**
PM: **824 - Chris Ward**
PB: NG 817124
Shipped Via: **FedEX Ground**

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 7315 3193 4107

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	8/19/24	12:34	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: (Yes) / No
HCL / MeoH
TBR

Temp: 2.8+.3=3.1 °C Bottles Received: 3

Date: 8-10-24 Time: 9:00

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 498492
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
shanna.smith	None	8/26/2025