

Vadose Zone Assessment and Incident Closure Request

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

Prepared for:



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

Prepared by:



2620 W Marland Boulevard
Hobbs, New Mexico 88240

June 20, 2025



Table of Contents

1. Introduction 2

2. Site Location and Background..... 2

3. Vadose Zone Assessment..... 2

 3.1 Soil Sampling Procedures for Sample Analysis 3

 3.2 Vadose Zone Activities..... 3

 3.2 Vadose Zone Data Assessment..... 4

4. Conclusions and Closure Request..... 4

Tables

1 Vadose Zone Analytical Summary

Figures

1 Site Location Map

2 Soil Bore Locations Map

Appendices

A NMOCD Notifications and Correspondence

B Soil Boring Logs

C Photographic Log

D Laboratory Analytical Report

 Pace Analytical Job #: H252641

 Pace Analytical Job #: H252704

 Pace Analytical Job #: H252723



1. Introduction

This report summarizes vadose zone sampling activities conducted at the Hobbs Gas Plant (Site) in Lea County, New Mexico (Figure 1). Tasman Inc. (Tasman) performed these activities on behalf of DCP Operating Company, LP (DCP) in accordance with the conditionally approved *Vadose Zone Sampling Plan*, dated October 24, 2024, associated with this incident number.

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. Samples were collected from each of the wells from the updated monitor well network on a quarterly basis from December 27, 2022, to August 19, 2024. Analytical results from collected groundwater samples show that chemicals of concern have not been detected greater than standards outlined by the New Mexico Quality Control Commission (NMWQCC) for eight consecutive quarters.

3. Vadose Zone Assessment

This section describes the field and laboratory activities performed during the vadose zone assessment. The activities were performed in accordance with the *Vadose Zone Sampling Plan* (Plan) submitted to the New Mexico Oil Conservation District (NMOCD) October 15, 2024, and conditionally approved on October 24, 2024. In addition, other notifications and correspondence with NMOCD regarding the Plan have been provided in Appendix A.

During the May 2025 vadose zone assessment, five soil borings (Figure 2) were advanced to approximately 55 and 60 feet below ground surface (bgs) to assess if petroleum hydrocarbon impacts to soil are present within the vadose zone, above the shallow groundwater table and have the potential to contact groundwater. Accordingly, the terminal depth of each soil boring was completed above the capillary



fringe of the current groundwater elevations at the site. Further details of the drilling investigation and field screening and sampling activities are provided in the Sections below.

3.1 Soil Sampling Procedures for Sample Analysis

The collection of soil samples for laboratory analysis was conducted in accordance with NMOCD criteria and approved industry standards. During the assessment activities, soil samples were collected and placed in laboratory provided containers, properly labeled, and preserved on ice until delivery under a chain of custody procedures to Cardinal Laboratory located in Hobbs, New Mexico for analysis.

In accordance with the Plan, each soil sample was analyzed for the constituents of concern listed below using the appropriate United States Environmental Protection Agency (USEPA) published analytical methods or other NMOCD-approved methods. Laboratory analytical methods are as follows:

- Total Petroleum Hydrocarbons (TPH) – gasoline, diesel, and motor/lube oil range organics (GRO+DRO+MRO) – USEPA Method 8015M Extended.
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) – USEPA Method 8260.

3.2 Vadose Zone Sampling Activities

On May 2, 2025, Tasman mobilized to the site to clear the soil boring locations for underground utilities utilizing hydro-excavation. Based on previous experience onsite and regional lithologic conditions, caliche is typically encountered within the first couple feet bgs and then intermittently throughout the subsurface. The utility clearance potholing was completed to approximately two feet bgs at each location due to encountering caliche material which inhibited further vertical progress of the potholes. Prior to hydro-excavating the five designated soil bore locations, Tasman also screened and collected surficial soil samples (0.5 feet bgs) from each location for transport to Cardinal Laboratory for analysis.

On May 6 and 7, 2025, Tasman returned to the site to advance the five proposed soil borings. Because the specific track mounted sonic drilling equipment that was originally planned to be utilized for this investigation effort in the Plan was not available within a reasonable timeframe to complete this work and because previous experience with the onsite lithology and drilling operations nearby, the sonic drilling company and equipment that was available was likely unable to achieve the desired terminal depths and provide adequate soil cores for evaluation. Therefore, the soil borings were advanced using air rotary drilling equipment coupled with a two-foot split spoon coring barrel for collection of laboratory samples from discreet intervals where possible.

Due to the soil composition, suspected caliche layers, and difficult drilling conditions, partial refusal was encountered and exceeded the drilling equipment's capabilities for retrieving a sample core from the split spoon barrel at a majority of the planned sampling intervals. Following multiple failed attempts to collect sufficient sample volume for laboratory analysis using a split spoon, it was determined that the most representative soil sample from each interval should be collected directly from the drill cuttings and split



spoon sampling would be attempted again at the terminal depths. Three samples were collected using the split-spoon sampler from soil borings SB-3 (55 ft bgs), SB-4 (55 ft bgs), and SB-5 (60 ft bgs) while the remaining soil samples from each borehole were collected via the soil cuttings at the depths identified in Table 1.

In addition, while advancing the first soil boring (SB-5), moisture was observed within the soil core and drill cuttings at approximately 60 feet bgs indicating the potential capillary fringe zone and identifying the vertical depth of the vadose zone. As a result, the remaining four soil borings (SB-1 through SB-4) were terminated at 55 feet.

During borehole advancement through the vadose zone, each soil boring was logged for lithological conditions based on soil cuttings/samples collected at approximate 5-foot intervals and recorded on the soil boring logs. Soil samples were collected for laboratory analysis and field screened using a photoionization detector (PID) every 10 feet until the total depth of the boring. Lithologic observations identified that the site is predominately composed of sand with intermittent pockets of gravel (likely pulverized caliche). The soil boring logs are provided as Appendix B and a photographic log has been included as Appendix C to this closure summary report.

3.2 Vadose Zone Data Assessment

An evaluation of the soil sample field screening and laboratory analytical data collected during the field activities indicates that concentrations of benzene and total BTEX were below the laboratory detection limits and NMOCD action levels in all of the soil samples from the five vadose zone boring locations around the site.

A detection of total TPH was observed in the surficial soil sample from SB-5 at 0.5 feet bgs (39.8 mg/kg), however, this is below the applicable NMOCD action levels and all the other collected soil samples were below the laboratory reporting limit for TPH.

The soil sample results from the vadose zone investigation indicate that, if historically present, petroleum hydrocarbon impacts to the soils within the shallow vadose zone at the site have naturally attenuated and do not pose a threat to groundwater. A summary of analytical results is presented in Table 1 and the certified laboratory analytical reports are provided in Appendix D. The attached Figure 2 illustrates soil bore locations.

4. Conclusions and Closure Request

The information presented within this Vadose Zone Assessment Summary report and observations made during recent boring field investigation has demonstrated that the constituents of concern are not present within the vadose zone beneath the site.

Based on these results and execution of the approved sampling plan, DCP is requesting that the site be granted closure based on the information provided within this report and the eight consecutive quarters of groundwater data being below the applicable NMOCD standards which has demonstrated that constituents of concern are not present above applicable State standards in the vadose zone and have



Hobbs Gas Plant
Vadose Zone Assessment and Closure Request

naturally attenuated to below the applicable standards. Upon receipt of approval from the NMCOD, all on-site monitoring wells will be plugged and abandoned per State and industry standard rules and regulations.

Table

TABLE 1
SOIL ANALYTICAL SUMMARY
DCP Operating Company, LP
Hobbs Gas Plant - nPAC0706832026

Sample ID	Sample Depth (bgs)	Sample Date	Soil Status	PID (ppm)	Benzene (mg/kg)	Total BTEX ¹ (mg/kg)	TPH ² (mg/kg)			
							GRO	DRO	MRO	TOTAL
Vadose Zone Soil Samples										
SB-1	Surface - 0.5'	5/2/2025	In-Situ	1.3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0
	10'	5/6/2025	In-situ	0.0	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	20'		In-situ	0.0	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	30'		In-situ	0.0	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	40'		In-situ	0.0	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	50'		In-situ	0.0	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	55'		In-situ	0.0	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
SB-2	Surface - 0.5'	5/2/2025	In-Situ	0.0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0
	10'	5/6/2025	In-situ	2.9	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	20'		In-situ	1.5	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	30'		In-situ	2.0	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	40'		In-situ	2.4	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	50'		In-situ	0.7	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	55'		In-situ	1.7	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
SB-3	Surface - 0.5'	5/2/2025	In-Situ	0.3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0
	10'	5/7/2025	in-situ	2.8	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	20'		in-situ	3.6	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	30'		in-situ	3.9	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	40'		in-situ	4.8	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	50'		in-situ	2.7	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	55'		in-situ	1.8	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
SB-4	Surface - 0.5'	5/2/2025	In-Situ	0.3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0
	10'	5/7/2025	in-situ	0.1	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	20'		in-situ	1.5	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	30'		in-situ	1.8	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	40'		in-situ	2.1	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	50'		in-situ	1.1	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	55'		In-Situ	4.8	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
NMOCD Action Levels ³				N/A	10	50	1,000		N/A	2,500

TABLE 1
SOIL ANALYTICAL SUMMARY
DCP Operating Company, LP
Hobbs Gas Plant - nPAC0706832026

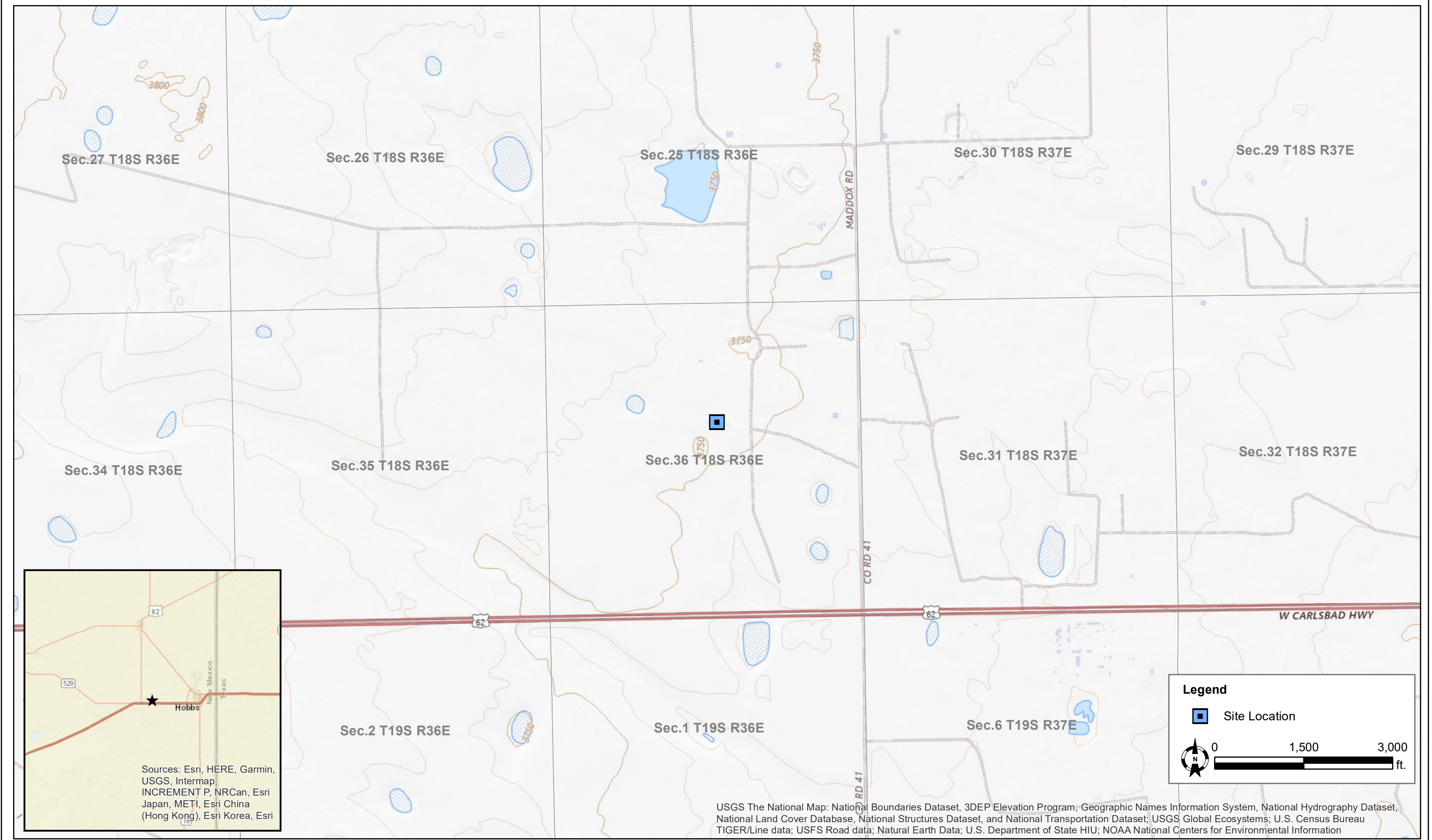
Sample ID	Sample Depth (bgs)	Sample Date	Soil Status	PID (ppm)	Benzene (mg/kg)	Total BTEX ¹ (mg/kg)	TPH ² (mg/kg)			
							GRO	DRO	MRO	TOTAL
Vadose Zone Soil Samples										
SB-5	Surface - 0.5'	5/2/2025	In-Situ	0.0	<0.050	<0.300	<10.0	10.7	29.1	39.8
	10'	5/6/2025	In-Situ	0.0	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	20'		In-Situ	0.0	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	30'		In-Situ	0.0	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	40'		In-Situ	0.0	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	50'		In-Situ	0.0	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
	60'		In-Situ	0.0	<0.025	<0.150	<10.0	<10.0	<10.0	<10.0
NMOCD Action Levels ³				N/A	10	50	1,000		N/A	2,500

Notes:

1. BTEX = Benzene, toluene, ethylbenzene, and total xylenes by EPA method 8260
 2. TPH = Total petroleum hydrocarbons analyzed by method EPA 8015M (GRO/DRO/MRO)
 3. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (NMAC 19.15.29.12(N))
- <RL = The analyte was not detected above the laboratory reporting limit (RL)
N/A = Not applicable
Red values denote concentrations above NMOCD Action Levels

BGS = Below ground surface
GRO = Gasoline range organics
DRO = Diesel range organics
MRO = Motor/lube oil range organics
PID = Photoionization detector
mg/kg= milligrams per kilogram
ppm= parts per million

Figures



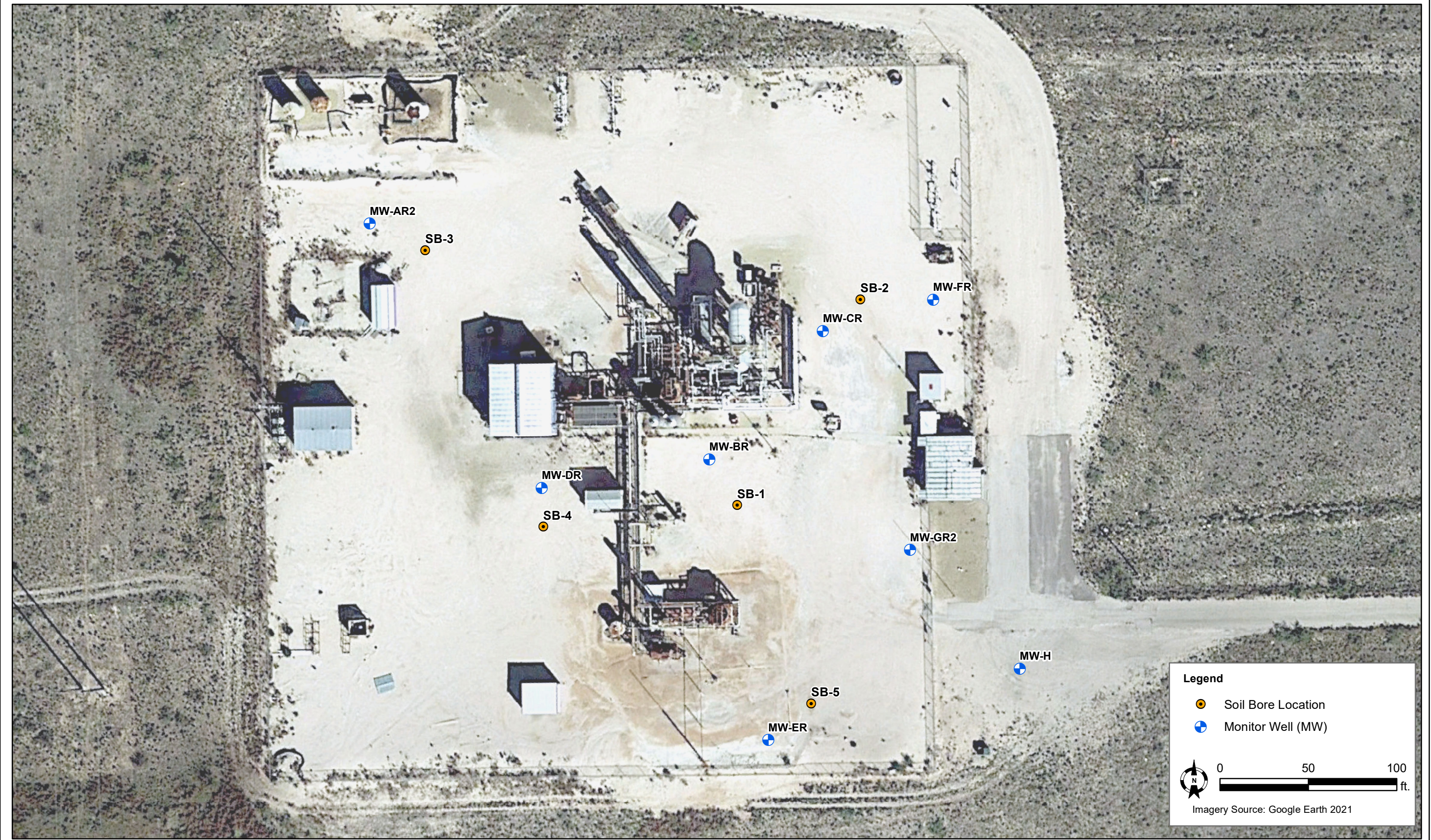
DATE:	February 2024
DESIGNED BY:	B. Dennis
DRAWN BY:	B. Dennis



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:	April 2025
DESIGNED BY:	B. Dennis
DRAWN BY:	B. Dennis



DCP Operating Company, LP
Hobbs Gas Plant - nPAC0706832026
SWNE, Section 36, Township 18 South, Range 36 East
Lea County, New Mexico

Soil Bore Locations Map

Figure
2

Appendix A – NMOCD Notifications and Correspondence

From: [Brett Dennis](#)
To: [Kendon Stark](#)
Subject: Fw: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 392679
Date: Tuesday, May 27, 2025 7:51:48 AM
Attachments: [image002.png](#)
[image003.png](#)
[image006.png](#)
[image007.png](#)

Brett Dennis
Senior Project Manager

Tasman, Inc.
C: (325) 660-7395
bdennis@tasman-geo.com
tasman-geo.com

From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Sent: Wednesday, April 30, 2025 9:34 AM
To: Brett Dennis <bdennis@tasman-geo.com>; Weathers, Stephen <Stephen.Weathers@p66.com>; Kyle Norman <knorman@tasman-geo.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Jeb Watts <jwatts@tasman-geo.com>
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 392679

Good morning, Brett

Thank you for your notification, it has been received. Please keep a copy of this for your records and include it in the report submission that addresses the work completed.

Thanks,

Mike

From: Brett Dennis <bdennis@tasman-geo.com>
Sent: Tuesday, April 29, 2025 9:28 AM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>; Weathers, Stephen <Stephen.Weathers@p66.com>; Kyle Norman <knorman@tasman-geo.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Jeb Watts <jwatts@tasman-geo.com>
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 392679

Mr. Buchanan,

We would like to inform you that the vadose zone assessment is scheduled to begin next Monday. Sample notifications have been submitted through the online portal as of today.

We are incorporating your comments on the proposed scope of work, as detailed in our prior correspondence.

Please don't hesitate to reach out if you have any questions.

Thank you and have a great day!



Brett Dennis

Senior Project Manager

C: 325.660.7395

bdennis@tasman-geo.com

tasman-geo.com

From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>

Sent: Tuesday, October 22, 2024 9:28 AM

To: Weathers, Stephen <Stephen.Weathers@p66.com>; Kyle Norman <knorman@tasman-geo.com>

Cc: Brett Dennis <bdennis@tasman-geo.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 392679

Good morning, Stephen

Thanks for the communication on this matter. I appreciate it.

Mike

From: Weathers, Stephen <Stephen.Weathers@p66.com>

Sent: Tuesday, October 22, 2024 5:36 AM

To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>; Kyle Norman <knorman@tasman-geo.com>

Cc: Brett Dennis <bdennis@tasman-geo.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 392679

Morning Michael

Thanks for the clarifications on the items mentioned below.

I had planned to complete the Vadose Zone Assessment this week since the drillers were already in the area, but they informed me late last week that due to their schedule, they will not be able to stay in the Hobbs area long enough to complete the assessment. Once the drillers are rescheduled, I will give you a two week notice before we start the assessment.

Thanks, and don't hesitate to give me a call with any questions.

Steve



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

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



From: Buchanan, Michael,
EMNRD

<Michael.Buchanan@emnrd.nm.gov>

Sent: Wednesday, October 16, 2024 8:28 AM


To: Kyle Norman <knorman@tasman-geo.com>

Cc: Weathers, Stephen <Stephen.Weathers@p66.com>; Brett Dennis <bdennis@tasman-geo.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 392679

This Message Is From an External Sender

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[Report Suspicious](#) 

Good morning, Kyle

The OCD does not accept PID measurements as 100 percent accurate and will not accept a minimum of 2 lab samples for 75 feet of vadose zone. There will need to be a soil sample taken for lab analysis every 10 feet, especially because there was no dirt work done for this release. I have found no documentation for completed dirt work or groundwater abatement other than an initial C-141 and the groundwater monitoring reports.

Please sample for BTEX and TPH (MRO, DRO, GRO) in soil to demonstrate natural attenuation has occurred. In 19.15.30 NMAC this sampling plan is a one-time requirement if no dirt work was completed. Because PAHs haven't been detected in groundwater in recent years, please sample for BTEX and TPH in soil.

Thank you,

From: Kyle Norman <knorman@tasman-geo.com>

Sent: Tuesday, October 15, 2024 3:31 PM

To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>

Cc: Weathers, Stephen <Stephen.Weathers@p66.com>; Brett Dennis <bdennis@tasman-geo.com>
Subject: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 392679

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good afternoon, Michael,

Thank you for your review.

For clarification on the 10 feet intervals is that every sample at 10 feet needs to be submitted to the lab? Or 2 samples per soil bore submitted to the lab, the highest PID and the bottom sample?

What are the PAH soil standards that we need to adhere to?

Thank you

Kyle Norman
SW Regional Manager

Tasman, Inc.
C: 575-318-5017
knorman@tasman-geo.com
www.tasman-geo.com



Celebrating 15 Years!

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Tuesday, October 15, 2024 2:48 PM
To: Kyle Norman <knorman@tasman-geo.com>
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 392679

To whom it may concern (c/o Kyle Norman for DCP OPERATING COMPANY, LP),

The OCD has approved the submitted *Ground Water Abatement* (GROUND WATER ABATEMENT), for incident ID (n#) nPAC0706832026, with the following conditions:

- **Review of the Vadose Zone Sampling Plan for the Hobbs Gas Plant, App ID: 392679 has been reviewed and is approved to include the following conditions of approval: 1. In addition to the four (4) proposed sampling boreholes, please include a fifth borehole for sampling and analysis approximately 25 feet southeast of MW-BR. Historically, this well had consistently demonstrated the presence of LNAPL and residual LNAPL may still be present in the vadose zone. 2. Sample each of the five (5) boreholes every 10 feet and submit soil lab analyses for BTEX and PAH by EPA method 8021B and 8270. 3. Report results to NMOCD in sixty (60) days from the date of this approval, 10.15.2024 with recommendations from DCP on the next step for remediation and/or closure for the groundwater incident.**

The signed GROUND WATER ABATEMENT can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Michael Buchanan
Environmental Specialist
505-490-0798
Michael.Buchanan@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 456553

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 456553
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nPAC0706832026
Incident Name	NPAC0706832026 DCP HOBBS GAS PLANT @ 0
Incident Type	Other
Incident Status	Incident Closure Approved
Incident Facility	[fPAC0706831926] DCP Hobbs Gas Plant

Location of Release Source	
Site Name	DCP HOBBS GAS PLANT
Date Release Discovered	01/18/2007
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	60,200
What is the estimated number of samples that will be gathered	5
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/02/2025
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Kendon Stark: 806-317-4707
Please provide any information necessary for navigation to sampling site	GPS: 32°42'20.7"N 103°18'24.6"W

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 456553

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 456553
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
knorman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/29/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 456566

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 456566
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nPAC0706832026
Incident Name	NPAC0706832026 DCP HOBBS GAS PLANT @ 0
Incident Type	Other
Incident Status	Incident Closure Approved
Incident Facility	[fPAC0706831926] DCP Hobbs Gas Plant

Location of Release Source	
Site Name	DCP HOBBS GAS PLANT
Date Release Discovered	01/18/2007
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	60,200
What is the estimated number of samples that will be gathered	60
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/06/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Kendon Stark: 806-317-4707
Please provide any information necessary for navigation to sampling site	GPS: 32.705657 -103.306724

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 456566

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 456566
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
knorman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/29/2025

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

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

QUESTIONS

Action 456584

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 456584
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nPAC0706832026
Incident Name	NPAC0706832026 DCP HOBBS GAS PLANT @ 0
Incident Type	Other
Incident Status	Incident Closure Approved
Incident Facility	[fPAC0706831926] DCP Hobbs Gas Plant

Location of Release Source	
Site Name	DCP HOBBS GAS PLANT
Date Release Discovered	01/18/2007
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	60,200
What is the estimated number of samples that will be gathered	60
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/07/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Kendon Stark: 806-317-4707
Please provide any information necessary for navigation to sampling site	GPS: 32.705657 -103.306724

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 456584


CONDITIONS


Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 456584
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)


CONDITIONS


Created By	Condition	Condition Date
knorman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/29/2025


Appendix B – Soil Boring Logs


Logger:	Kendon Stark					
Driller:	HCI					
Drilling Method:	Air Rotary			Project Name:	Well ID:	
Start Date:	5/6/2025			Hobbs Gas Plant	SB-1	
End Date:	5/6/2025			Project Consultant: Tasman		
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark TD = ~55 ft				Location: Hobbs, New Mexico		
				Page 1 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM		
Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction
0		X	1.3	Sand w/gravel, dark grey, dry, no odor	SW	N/A
1						
2						
3						
4						
5				Sand, pale orange, slightly moist, no odor	SP	
6						
7						
8						
9						
10		X	0.0			
11						
12						
13						
14						
15						
16						
17						
18						
19						
20		X	0.0			
21						
22						
23						


Logger:	Kendon Stark						
Driller:	HCI						
Drilling Method:	Air Rotary			Project Name: Hobbs Gas Plant Well ID: SB-1			
Start Date:	5/6/2025			Project Consultant: Tasman			
End Date:	5/6/2025			Location: Hobbs, New Mexico			
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark COMPLETION: N/A TD = ~55 ft GW = NM				Page 2 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM			
Depth (feet)	Chloride field tests	LAB	PID	Description		Lithology	Well Construction
24				Sand, pale orange, slightly moist, no odor			
25							
26				Sand, pale tan, slightly moist, no odor		SP	
27							
28							
29							
30		X	0.0				
31							
32							
33							
34							
35							
36							
37							
38							
39							
40		X	0.0				
41				Sand, dark orange, slightly moist, no odor			
42							
43							
44							
45							
46				Sand, pale tan, slightly moist, no odor			
47							


Logger:	Kendon Stark							
Driller:	HCI							
Drilling Method:	Air Rotary			Project Name: Hobbs Gas Plant Well ID: SB-1				
Start Date:	5/6/2025			Project Consultant: Tasman				
End Date:	5/6/2025			Location: Hobbs, New Mexico				
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark COMPLETION: N/A TD = ~55 ft GW = NM				Page 3 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM				
Depth (feet)	Chloride field tests	LAB	PID	Description		Lithology		Well Construction
48				Sand, pale tan, slightly moist, no odor		SP		
49								
50		X	0.0					
51				Sand, pale orange, slightly moist, slight odor				
52								
53								
54								
55		X	0.0					


Logger:	Kendon Stark						
Driller:	HCI						
Drilling Method:	Air Rotary			Project Name: Hobbs Gas Plant Well ID: SB-2			
Start Date:	5/6/2025			Project Consultant: Tasman			
End Date:	5/6/2025			Location: Hobbs, New Mexico			
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark COMPLETION: N/A TD = ~55 ft GW = NM				Page 1 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM			
Depth (feet)	Chloride field tests	LAB	PID	Description		Lithology	Well Construction
0		X	0.0	Gravel, pale grey, moist, no odor		GW	N/A
1							
2							
3							
4							
5				Sand, pale tan, slightly moist, no odor		SP	
6							
7							
8							
9							
10		X	2.9	Sand, dark orange, slightly moist, no odor		SP	
11							
12							
13							
14							
15				Sand, pale orange, slightly moist, no odor		SP	
16							
17							
18							
19							
20		X	1.5	Sand, pale tan, slightly moist, no odor		SP	
21							
22							
23							


Logger:	Kendon Stark						
Driller:	HCI						
Drilling Method:	Air Rotary			Project Name: Hobbs Gas Plant Well ID: SB-2			
Start Date:	5/6/2025			Project Consultant: Tasman			
End Date:	5/6/2025			Location: Hobbs, New Mexico			
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark COMPLETION: N/A TD = ~55 ft GW = NM				Page 2 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM			
Depth (feet)	Chloride field tests	LAB	PID	Description		Lithology	Well Construction
24				Sand, pale tan, slightly moist, no odor		SP	
25							
26							
27							
28							
29							
30		X	2.0	Sand w/gravel, pale tan, slightly moist, no odor			
31							
32							
33							
34							
35							
36							
37							
38							
39							
40		X	2.4				
41				Sand , pale tan, slightly moist, no odor			
42							
43							
44							
45							
46				Sand, pale orange, slightly moist, no odor			
47							


Logger:	Kendon Stark							
Driller:	HCI							
Drilling Method:	Air Rotary			Project Name: Hobbs Gas Plant Well ID: SB-2				
Start Date:	5/6/2025			Project Consultant: Tasman				
End Date:	5/6/2025			Location: Hobbs, New Mexico				
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark COMPLETION: N/A TD = ~55 ft GW = NM				Page 3 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM				
Depth (feet)	Chloride field tests	LAB	PID	Description		Lithology		Well Construction
48				Sand, pale orange, slightly moist, no odor		SP		
49								
50		X	0.7					
51								
52								
53								
54								
55		X	1.7					


Logger:	Kendon Stark					
Driller:	HCI					
Drilling Method:	Air Rotary			Project Name:	Well ID:	
Start Date:	5/7/2025			Hobbs Gas Plant	SB-3	
End Date:	5/7/2025			Project Consultant: Tasman		
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark TD = ~55 ft				Location: Hobbs, New Mexico		
				Page 1 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM		
Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction
0		X	0.3	Sand w/gravel, pale tan, dry, no odor	SW	N/A
1						
2						
3						
4						
5						
6						
7						
8						
9						
10		X	2.8	Sand, pale orange, slightly moist, no odor	SP	
11						
12						
13						
14						
15						
16						
17						
18						
19						
20		X	3.6	Sand w/gravel, pale tan, slightly moist, no odor	SW	
21						
22						
23						


Logger:	Kendon Stark					
Driller:	HCI					
Drilling Method:	Air Rotary			Project Name:	Well ID:	
Start Date:	5/7/2025			Hobbs Gas Plant	SB-3	
End Date:	5/7/2025			Project Consultant: Tasman		
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark TD = ~55 ft				Location: Hobbs, New Mexico		
				Page 2 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM		
Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction
24				Sand w/gravel, pale tan, slightly moist, no odor	SW	
25						
26				Sand, pale orange, slightly moist, no odor	SP	
27						
28						
29						
30		X	3.9			
31						
32						
33						
34						
35						
36						
37						
38						
39						
40		X	4.8			
41						
42						
43						
44						
45						
46						
47						


Logger:	Kendon Stark							
Driller:	HCI							
Drilling Method:	Air Rotary			Project Name: Hobbs Gas Plant Well ID: SB-3				
Start Date:	5/7/2025			Project Consultant: Tasman				
End Date:	5/7/2025			Location: Hobbs, New Mexico				
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark COMPLETION: N/A TD = ~55 ft GW = NM				Page 3 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM				
Depth (feet)	Chloride field tests	LAB	PID	Description		Lithology		Well Construction
48				Sand, pale orange, slightly moist, no odor		SP		
49								
50		X	2.7					
51								
52								
53								
54								
55		X	1.8					


Logger:	Kendon Stark								
Driller:	HCI								
Drilling Method:	Air Rotary			Project Name:	Well ID:				
Start Date:	5/7/2025			Hobbs Gas Plant	SB-4				
End Date:				Project Consultant: Tasman					
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark TD = ~55 ft				Location: Hobbs, New Mexico					
				Page 1 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM					
Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction			
0		X	0.3	Sand w/gravel, pale tan, dry, no odor	SW	N/A			
1									
2									
3									
4									
5				Sand, pale tan, slightly moist, no odor	SP				
6									
7									
8									
9									
10		X	0.1	Sand, pale orange, slightly moist, no odor			SP		
11									
12									
13									
14									
15				Sand, pale orange, slightly moist, no odor				SP	
16									
17									
18									
19									
20		X	1.5	Sand, pale tan, slightly moist, no odor					SP
21									
22									
23									

Logger:	Kendon Stark					
Driller:	HCI					
Drilling Method:	Air Rotary			Project Name:	Well ID:	
Start Date:	5/7/2025			Hobbs Gas Plant	SB-4	
End Date:				Project Consultant: Tasman		
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark TD = ~55 ft				Location: Hobbs, New Mexico		
				Page 2 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM		
Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction
24				Sand, pale tan, slightly moist, no odor	SP	
25						
26				Sand, pale orange, slightly moist, no odor		
27						
28						
29						
30		X	1.8			
31						
32						
33						
34						
35						
36				Sand, pale tan, slightly moist, no odor		
37						
38						
39						
40		X	2.1	Sand w/gravel, pale tan, dry, no odor	SW	
41						
42						
43						
44						
45				Sand, pale orange, slightly moist, no odor	SP	
46						
47						

Logger:	Kendon Stark							
Driller:	HCI							
Drilling Method:	Air Rotary			Project Name: Hobbs Gas Plant Well ID: SB-4				
Start Date:	5/7/2025			Project Consultant: Tasman				
End Date:				Location: Hobbs, New Mexico				
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark COMPLETION: N/A TD = ~55 ft GW = NM				Page 3 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM				
Depth (feet)	Chloride field tests	LAB	PID	Description		Lithology		Well Construction
48				Sand, pale orange, slightly moist, no odor		SP		
49								
50		X	1.1					
51								
52								
53								
54								
55		X	4.8					

Logger:	Kendon Stark					
Driller:	HCI					
Drilling Method:	Air Rotary			Project Name:	Well ID:	
Start Date:	5/6/2025			Hobbs Gas Plant	SB-5	
End Date:	5/6/2025			Project Consultant: Tasman		
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark TD = ~55 ft				Location: Hobbs, New Mexico		
				Page 1 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM		
Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction
0		X	0.0	Silty sand w/gravel, pale tan, dry, no odor	SM	N/A
1						
2						
3						
4						
5						
6						
7						
8						
9						
10		X	0.0	Sand w/gravel, pale orange, dry, slight odor	SW	
11						
12						
13						
14						
15				Sand, pale orange, slightly moist, no odor	SP	
16						
17						
18						
19						
20		X	0.0	Sand, pale tan, slightly moist, no odor		
21						
22						
23						

Logger:	Kendon Stark						
Driller:	HCI						
Drilling Method:	Air Rotary			Project Name: Hobbs Gas Plant Well ID: SB-5			
Start Date:	5/6/2025			Project Consultant: Tasman			
End Date:	5/6/2025			Location: Hobbs, New Mexico			
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark COMPLETION: N/A TD = ~55 ft GW = NM				Page 2 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM			
Depth (feet)	Chloride field tests	LAB	PID	Description		Lithology	Well Construction
24				Sand, pale tan, slightly moist, no odor			
25							
26				Sand, pale orange, slightly moist, no odor		SP	
27							
28							
29							
30		X	0.0				
31							
32							
33							
34							
35							
36							
37							
38							
39							
40		X	0.0				
41				Sand w/gravel, pale tan, dry, no odor		SW	
42							
43							
44							
45				Sand, pale orange, slightly moist, no odor		SP	
46							
47							

Logger:	Kendon Stark							
Driller:	HCI							
Drilling Method:	Air Rotary			Project Name: Hobbs Gas Plant Well ID: SB-5				
Start Date:	5/6/2025			Project Consultant: Tasman				
End Date:	5/6/2025			Location: Hobbs, New Mexico				
Comments: Attempts were made to collect samples with split spoon, however, due to soil conditions, attempts were unsuccessful. DRAFTED BY: K. Stark COMPLETION: N/A TD = ~55 ft GW = NM				Page 3 of 3 Lat: 32.705419 County: Lea Long: -103.306736 State: NM				
Depth (feet)	Chloride field tests	LAB	PID	Description		Lithology		Well Construction
48				Sand, pale orange, slightly moist, no odor		SP		
49								
50		X	0.0					
51								
52								
53								
54								
55								
56				Sand, pale orange, slightly moist, no odor		SP		
57								
58								
59								
60		X	0.0					

Appendix C – Photographic Log

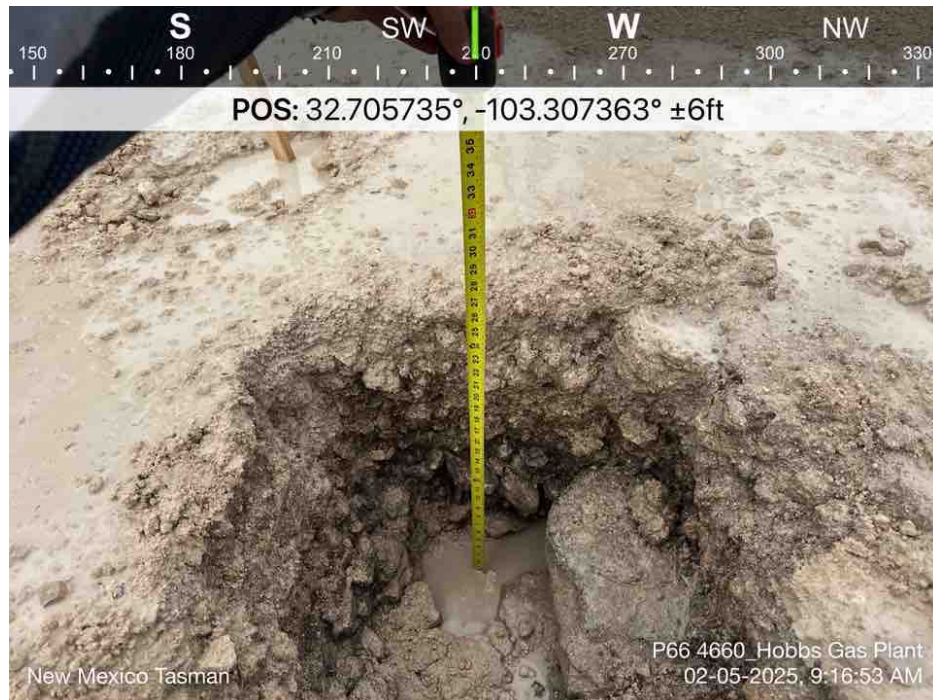
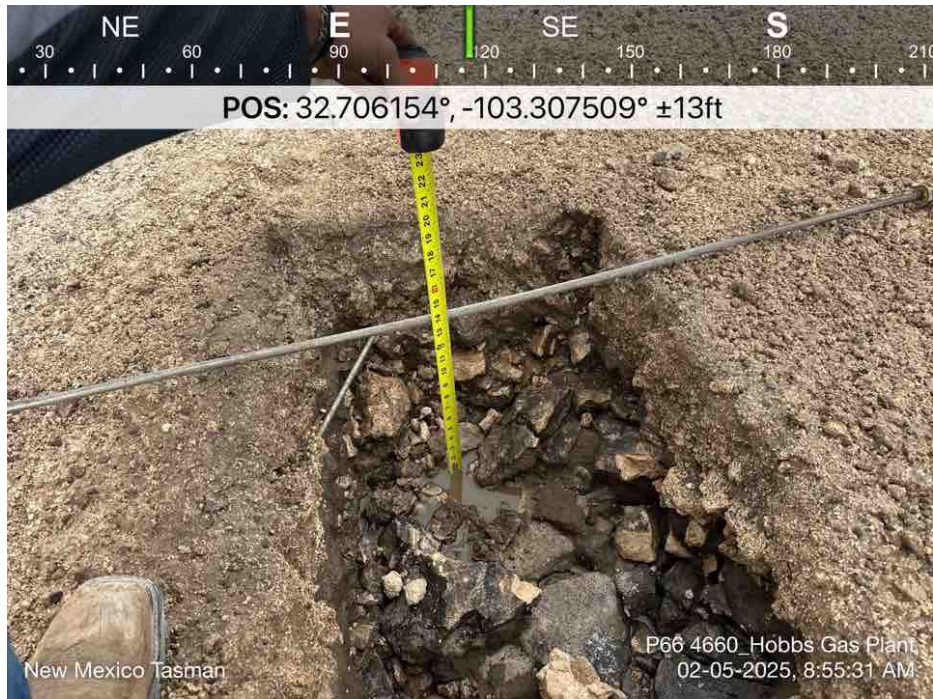
DCP Operating Company

Hobbs Gas Plant



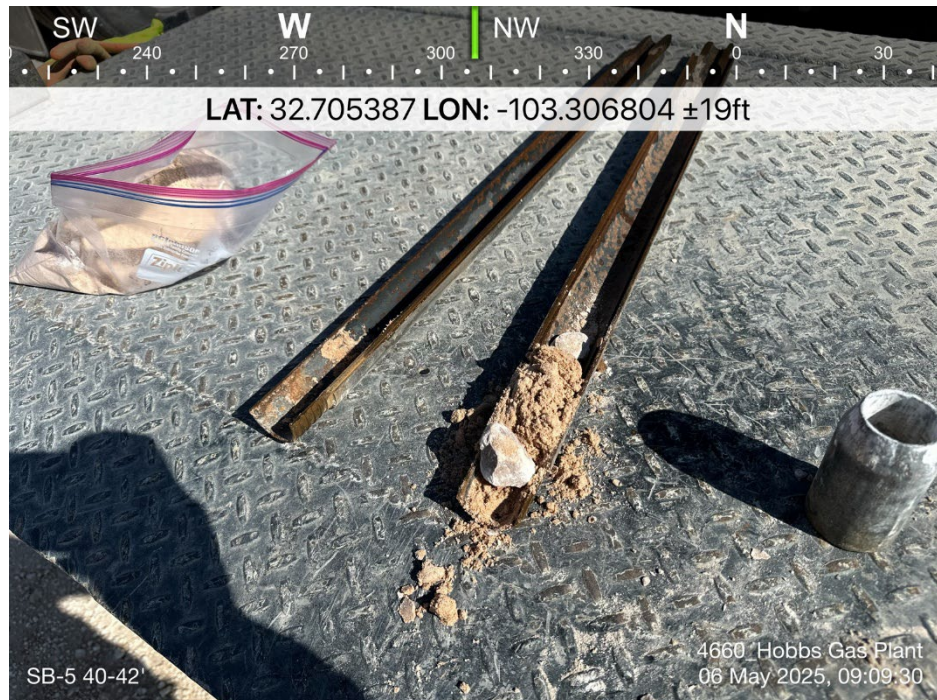
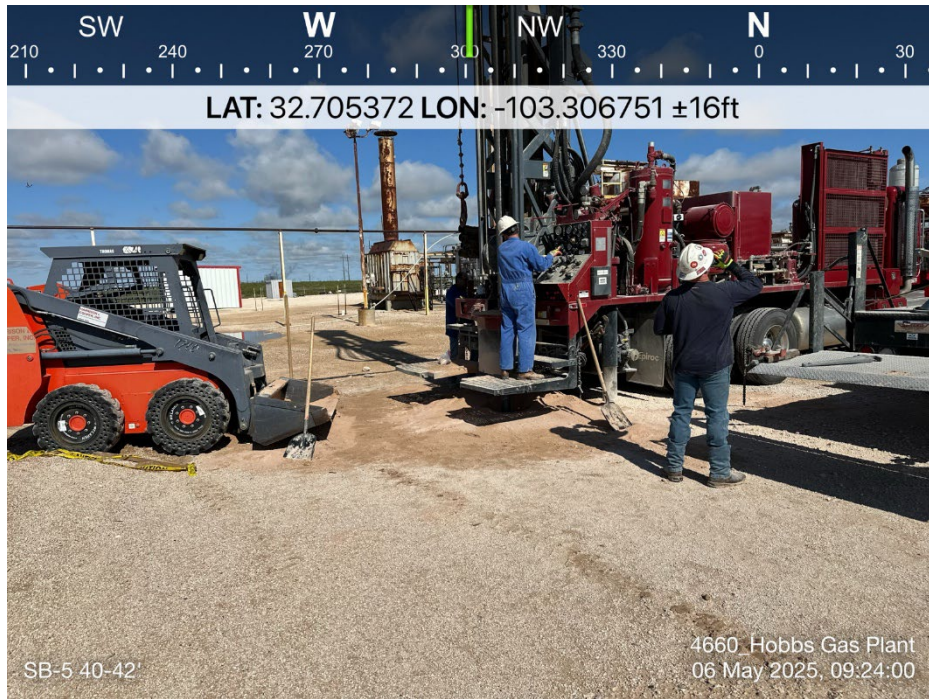
DCP Operating Company

Hobbs Gas Plant



DCP Operating Company

Hobbs Gas Plant



DCP Operating Company

Hobbs Gas Plant



DCP Operating Company

Hobbs Gas Plant



DCP Operating Company

Hobbs Gas Plant



Appendix D – Certified Laboratory Analytical Reports



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 08, 2025

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: 4660_HOBBS GAS PLANT

Enclosed are the results of analyses for samples received by the laboratory on 05/02/25 12:11.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/02/2025
 Reported: 05/08/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/02/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SB - 1 @ 0.5" (H252641-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2025	ND	1.83	91.4	2.00	9.34	
Toluene*	<0.050	0.050	05/02/2025	ND	1.92	96.0	2.00	9.54	
Ethylbenzene*	<0.050	0.050	05/02/2025	ND	1.91	95.5	2.00	9.88	
Total Xylenes*	<0.150	0.150	05/02/2025	ND	5.62	93.6	6.00	10.2	
Total BTX	<0.300	0.300	05/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	05/05/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2025	ND	209	104	200	2.83	
DRO >C10-C28*	<10.0	10.0	05/02/2025	ND	198	99.2	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/02/2025	ND					

Surrogate: 1-Chlorooctane 75.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.3 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/02/2025
 Reported: 05/08/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/02/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SB - 2 @ 0.5" (H252641-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2025	ND	1.83	91.4	2.00	9.34		
Toluene*	<0.050	0.050	05/02/2025	ND	1.92	96.0	2.00	9.54		
Ethylbenzene*	<0.050	0.050	05/02/2025	ND	1.91	95.5	2.00	9.88		
Total Xylenes*	<0.150	0.150	05/02/2025	ND	5.62	93.6	6.00	10.2		
Total BTX	<0.300	0.300	05/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/05/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2025	ND	209	104	200	2.83	
DRO >C10-C28*	<10.0	10.0	05/02/2025	ND	198	99.2	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/02/2025	ND					

Surrogate: 1-Chlorooctane 73.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 67.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/02/2025
 Reported: 05/08/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/02/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SB - 3 @ 0.5" (H252641-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2025	ND	1.76	88.0	2.00	3.01		
Toluene*	<0.050	0.050	05/05/2025	ND	1.90	94.8	2.00	0.992		
Ethylbenzene*	<0.050	0.050	05/05/2025	ND	1.92	96.2	2.00	0.378		
Total Xylenes*	<0.150	0.150	05/05/2025	ND	6.11	102	6.00	0.271		
Total BTEX	<0.300	0.300	05/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/05/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2025	ND	209	104	200	2.83	
DRO >C10-C28*	<10.0	10.0	05/02/2025	ND	198	99.2	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/02/2025	ND					

Surrogate: 1-Chlorooctane 71.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/02/2025
 Reported: 05/08/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/02/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SB - 4 @ 0.5" (H252641-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2025	ND	1.76	88.0	2.00	3.01		
Toluene*	<0.050	0.050	05/05/2025	ND	1.90	94.8	2.00	0.992		
Ethylbenzene*	<0.050	0.050	05/05/2025	ND	1.92	96.2	2.00	0.378		
Total Xylenes*	<0.150	0.150	05/05/2025	ND	6.11	102	6.00	0.271		
Total BTX	<0.300	0.300	05/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/05/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2025	ND	209	104	200	2.83	
DRO >C10-C28*	<10.0	10.0	05/02/2025	ND	198	99.2	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/02/2025	ND					

Surrogate: 1-Chlorooctane 73.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 67.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/02/2025
 Reported: 05/08/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/02/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SB - 5 @ 0.5" (H252641-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2025	ND	1.76	88.0	2.00	3.01		
Toluene*	<0.050	0.050	05/05/2025	ND	1.90	94.8	2.00	0.992		
Ethylbenzene*	<0.050	0.050	05/05/2025	ND	1.92	96.2	2.00	0.378		
Total Xylenes*	<0.150	0.150	05/05/2025	ND	6.11	102	6.00	0.271		
Total BTEX	<0.300	0.300	05/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/05/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2025	ND	209	104	200	2.83	
DRO >C10-C28*	10.7	10.0	05/02/2025	ND	198	99.2	200	2.82	
EXT DRO >C28-C36	29.1	10.0	05/02/2025	ND					

Surrogate: 1-Chlorooctane 76.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES
101 E+A10+A1:AE30

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 12, 2025

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: 4660_HOBBS GAS PLANT

Enclosed are the results of analyses for samples received by the laboratory on 05/06/25 13:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 5 @ 10' (H252704-01)

BTEx 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823	
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802	
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115	
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268	
Total BTEX	<0.150	0.150	05/07/2025	ND					

Surrogate: Dibromofluoromethane 100 % 86.7-111
 Surrogate: Toluene-d8 99.0 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 98.3 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2025	ND	185	92.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	181	90.5	200	4.95	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 117 % 44.4-145
 Surrogate: 1-Chlorooctadecane 117 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 5 @ 20' (H252704-02)

BTEx 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823	
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802	
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115	
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268	
Total BTEx	<0.150	0.150	05/07/2025	ND					

Surrogate: Dibromofluoromethane 99.4 % 86.7-111
 Surrogate: Toluene-d8 99.7 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 97.2 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	185	92.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	181	90.5	200	4.95	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 92.4 % 44.4-145
 Surrogate: 1-Chlorooctadecane 91.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 5 @ 30' (H252704-03)

BTX 8260B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823		
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802		
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115		
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268		
Total BTX	<0.150	0.150	05/07/2025	ND						

Surrogate: Dibromofluoromethane 100 % 86.7-111
 Surrogate: Toluene-d8 99.1 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 97.1 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145
 Surrogate: 1-Chlorooctadecane 108 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 5 @ 40' (H252704-04)

BTX 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823	
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802	
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115	
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268	
Total BTX	<0.150	0.150	05/07/2025	ND					

Surrogate: Dibromofluoromethane 99.1 % 86.7-111
 Surrogate: Toluene-d8 100 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 97.4 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 100 % 44.4-145
 Surrogate: 1-Chlorooctadecane 99.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 5 @ 50' (H252704-05)

BTX 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823	
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802	
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115	
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268	
Total BTX	<0.150	0.150	05/07/2025	ND					

Surrogate: Dibromofluoromethane 99.7 % 86.7-111
 Surrogate: Toluene-d8 99.5 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 96.6 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 89.7 % 44.4-145
 Surrogate: 1-Chlorooctadecane 88.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 5 @ 60' (H252704-06)

BTX 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823	
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802	
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115	
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268	
Total BTX	<0.150	0.150	05/07/2025	ND					

Surrogate: Dibromofluoromethane 98.8 % 86.7-111
 Surrogate: Toluene-d8 100 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 97.7 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145
 Surrogate: 1-Chlorooctadecane 99.8 % 40.6-153

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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 1 @ 10' (H252704-07)

BTX 8260B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823		
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802		
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115		
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268		
Total BTX	<0.150	0.150	05/07/2025	ND						

Surrogate: Dibromofluoromethane 99.0 % 86.7-111
 Surrogate: Toluene-d8 99.6 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 96.4 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145
 Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 1 @ 20' (H252704-08)

BTX 8260B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823		
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802		
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115		
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268		
Total BTX	<0.150	0.150	05/07/2025	ND						

Surrogate: Dibromofluoromethane 98.9 % 86.7-111
 Surrogate: Toluene-d8 99.8 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 96.3 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 97.3 % 44.4-145
 Surrogate: 1-Chlorooctadecane 95.8 % 40.6-153

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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 1 @ 30' (H252704-09)

BTX 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823	
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802	
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115	
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268	
Total BTX	<0.150	0.150	05/07/2025	ND					

Surrogate: Dibromofluoromethane 100 % 86.7-111
 Surrogate: Toluene-d8 99.9 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 96.1 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145
 Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 1 @ 40' (H252704-10)

BTX 8260B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823		
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802		
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115		
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268		
Total BTX	<0.150	0.150	05/07/2025	ND						

Surrogate: Dibromofluoromethane 100 % 86.7-111
 Surrogate: Toluene-d8 99.3 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 96.6 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145
 Surrogate: 1-Chlorooctadecane 99.3 % 40.6-153

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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 1 @ 50' (H252704-11)

BTEx 8260B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823		
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802		
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115		
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268		
Total BTEx	<0.150	0.150	05/07/2025	ND						

Surrogate: Dibromofluoromethane 99.0 % 86.7-111
 Surrogate: Toluene-d8 99.6 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 94.9 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145
 Surrogate: 1-Chlorooctadecane 98.3 % 40.6-153

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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 1 @ 55' (H252704-12)

BTX 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823	
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802	
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115	
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268	
Total BTX	<0.150	0.150	05/07/2025	ND					

Surrogate: Dibromofluoromethane 99.7 % 86.7-111
 Surrogate: Toluene-d8 99.6 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 95.5 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 99.2 % 44.4-145
 Surrogate: 1-Chlorooctadecane 97.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 2 @ 10' (H252704-13)

BTX 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823	
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802	
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115	
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268	
Total BTX	<0.150	0.150	05/07/2025	ND					

Surrogate: Dibromofluoromethane 99.2 % 86.7-111
 Surrogate: Toluene-d8 99.0 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 95.0 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.4-145
 Surrogate: 1-Chlorooctadecane 86.0 % 40.6-153

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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 2 @ 20' (H252704-14)

BTX 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823	
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802	
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115	
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268	
Total BTX	<0.150	0.150	05/07/2025	ND					

Surrogate: Dibromofluoromethane 99.2 % 86.7-111
 Surrogate: Toluene-d8 99.9 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 95.7 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 96.5 % 44.4-145
 Surrogate: 1-Chlorooctadecane 94.7 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 2 @ 30' (H252704-15)

BTX 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823	
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802	
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115	
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268	
Total BTX	<0.150	0.150	05/07/2025	ND					

Surrogate: Dibromofluoromethane 101 % 86.7-111
 Surrogate: Toluene-d8 99.0 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 95.3 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 91.8 % 44.4-145
 Surrogate: 1-Chlorooctadecane 88.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 2 @ 40' (H252704-16)

BTX 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823	
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802	
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115	
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268	
Total BTX	<0.150	0.150	05/07/2025	ND					

Surrogate: Dibromofluoromethane 99.9 % 86.7-111
 Surrogate: Toluene-d8 99.1 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 95.3 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 99.4 % 44.4-145
 Surrogate: 1-Chlorooctadecane 98.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 2 @ 50' (H252704-17)

BTX 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/07/2025	ND	0.467	93.4	0.500	0.823	
Toluene*	<0.025	0.025	05/07/2025	ND	0.457	91.4	0.500	0.802	
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.469	93.7	0.500	0.115	
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.38	92.1	1.50	0.0268	
Total BTX	<0.150	0.150	05/07/2025	ND					

Surrogate: Dibromofluoromethane 99.5 % 86.7-111
 Surrogate: Toluene-d8 98.0 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 93.5 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145
 Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/06/2025
 Reported: 05/12/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/06/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SB - 2 @ 55' (H252704-18)

BTX 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/07/2025	ND	0.566	113	0.500	2.23	QR-03
Toluene*	<0.025	0.025	05/07/2025	ND	0.551	110	0.500	4.88	
Ethylbenzene*	<0.025	0.025	05/07/2025	ND	0.524	105	0.500	3.20	
Total Xylenes*	<0.050	0.050	05/07/2025	ND	1.69	113	1.50	12.4	
Total BTX	<0.150	0.150	05/07/2025	ND					

Surrogate: Dibromofluoromethane 97.9 % 86.7-111
 Surrogate: Toluene-d8 108 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 97.1 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	204	102	200	1.59	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.4-145
 Surrogate: 1-Chlorooctadecane 86.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES
101 E+A10+A1:AE30+A1:AE47A1:AE72R26A1:AE34A1:AE73A1:A1:AE32

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences										P.O. #:		ANALYSIS REQUEST TPH 8015 Ext BTEX 8260 Chlorides Hold 24-hr Rush																
Project Manager: Kyle Norman										Company: Tasman Geo																		
Address: 2620 W. Marland Blvd.										Attn: Kyle Norman																		
City: Hobbs					State: NM Zip: 88240					Address: 2620 W. Marland																		
Phone #: 575-318-5017					Fax #:					City: Hobbs																		
Project #: 4660					Project Owner: DCP Operating Company					State: NM Zip: 88240																		
Project Name: 4660_Hobbs Gas Plant										Phone #: 575-318-5017																		
Project Location:										Fax #:																		
Sampler Name: Kendon Stark																												
FOR LAB USE ONLY																												
Lab I.D.		Sample I.D.		(GRAB OR C/OMP)	# CONTAINERS	MATRIX				PRESERV		SAMPLING																
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME												
H25270V		SB-5 @ 10'			1			X				X			5/06/25	0858	X	X										
		SB-5 @ 20'			1			X				X			5/06/25	0859	X	X										
		SB-5 @ 30'			1			X				X			5/06/25	0904	X	X										
		SB-5 @ 40'			1			X				X			5/06/25	0910	X	X										
		SB-5 @ 50'			1			X				X			5/06/25	0918	X	X										
		SB-5 @ 60'			1			X				X			5/06/25	0928	X	X										
		SB-1 @ 10'			1			X				X			5/06/25	1035	X	X										
		SB-1 @ 20'			1			X				X			5/06/25	1036	X	X										
		SB-1 @ 30'			1			X				X			5/06/25	1039	X	X										
		SB-1 @ 40'			1			X				X			5/06/25	1041	X	X										

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Relinquished By:		Date: 5/16/25	Received By:		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:		Time: 1310	Received By:		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)		Date:	Sample Condition		REMARKS:	
Sampler - UPS - Bus - Other: 5.31/CTD-3:		Time:	Cool Intact		email results: NMData@tasman-geo.com;	
5.0: #140			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Stephen.Weathers@p66.com	
			<input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: (Initials)	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



CARDINAL LABORATORIES

101 E+A10+A1:AE30+A1:AE47A1:AE72R26A1:AE34A1:AE73A1:A1:AE32

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences										BILL TO		ANALYSIS REQUEST												
Project Manager: Kyle Norman										P.O. #:		<div style="display: flex; flex-direction: column; align-items: center;"> <div>TPH 8015 Ext</div> <div>BTEX 8260 5/6/25</div> <div>Chlorides</div> <div>Hold</div> <div>24-hr Rush</div> </div>												
Address: 2620 W. Marland Blvd.										Company: Tasman Geo														
City: Hobbs State: NM Zip: 88240										Attn: Kyle Norman														
Phone #: 575-318-5017 Fax #:										Address: 2620 W. Marland														
Project #: 4660 Project Owner: DCP Operating Company										City: Hobbs														
Project Name: 4660 Hobbs Gas Plant										State: NM Zip: 88240														
Project Location:										Phone #: 575-318-5017														
Sampler Name: Kendon Stark										Fax #:														
Lab I.D.	Sample I.D.	(GRAB OR C/COMP)	# CONTAINERS	MATRIX				PRESERV		SAMPLING														
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME										
H2S2704																								
11	SB-1 @ 50'		1			X					X		5/06/25	1043	X	X								
12	SB-1 @ 55'		1			X					X		5/06/25	1056	X	X								
13	SB-2 @ 10'		1			X					X		5/06/25	1122	X	X								
14	SB-2 @ 20'		1			X					X		5/06/25	1123	X	X								
15	SB-2 @ 30'		1			X					X		5/06/25	1126	X	X								
16	SB-2 @ 40'		1			X					X		5/06/25	1127	X	X								
17	SB-2 @ 50'		1			X					X		5/06/25	1130	X	X								
18	SB-2 @ 55'		1			X					X		5/06/25	1144	X	X								
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																								
Relinquished By:		Date: 5/6/25		Received By:		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:		REMARKS: email results: NMDData@tasman-geo.com; Stephen.Weathers@p66.com														
Time: 1310				Received By:		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #:																
Relinquished By:		Date:																						
Time:																								
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 5-31 CTO-31				Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				CHECKED BY: (Initials) SK																
S.W. #140																								

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 13, 2025

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: 4660_HOBBS GAS PLANT

Enclosed are the results of analyses for samples received by the laboratory on 05/07/25 10:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/07/2025
 Reported: 05/13/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SB - 3 @ 10' (H252723-01)

BTEx 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/08/2025	ND	0.472	94.4	0.500	0.544	
Toluene*	<0.025	0.025	05/08/2025	ND	0.461	92.2	0.500	0.649	
Ethylbenzene*	<0.025	0.025	05/08/2025	ND	0.467	93.3	0.500	0.552	
Total Xylenes*	<0.050	0.050	05/08/2025	ND	1.38	91.8	1.50	0.590	
Total BTEX	<0.150	0.150	05/08/2025	ND					

Surrogate: Dibromofluoromethane 99.1 % 86.7-111

Surrogate: Toluene-d8 99.9 % 89.3-110

Surrogate: 4-Bromofluorobenzene 96.1 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/07/2025
 Reported: 05/13/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SB - 3 @ 20' (H252723-02)

BTEx 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/08/2025	ND	0.472	94.4	0.500	0.544	
Toluene*	<0.025	0.025	05/08/2025	ND	0.461	92.2	0.500	0.649	
Ethylbenzene*	<0.025	0.025	05/08/2025	ND	0.467	93.3	0.500	0.552	
Total Xylenes*	<0.050	0.050	05/08/2025	ND	1.38	91.8	1.50	0.590	
Total BTEx	<0.150	0.150	05/08/2025	ND					

Surrogate: Dibromofluoromethane 98.4 % 86.7-111
 Surrogate: Toluene-d8 100 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 96.4 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 77.6 % 44.4-145
 Surrogate: 1-Chlorooctadecane 71.5 % 40.6-153

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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/07/2025
 Reported: 05/13/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SB - 3 @ 30' (H252723-03)

BTEx 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/08/2025	ND	0.472	94.4	0.500	0.544	
Toluene*	<0.025	0.025	05/08/2025	ND	0.461	92.2	0.500	0.649	
Ethylbenzene*	<0.025	0.025	05/08/2025	ND	0.467	93.3	0.500	0.552	
Total Xylenes*	<0.050	0.050	05/08/2025	ND	1.38	91.8	1.50	0.590	
Total BTEx	<0.150	0.150	05/08/2025	ND					

Surrogate: Dibromofluoromethane 100 % 86.7-111
 Surrogate: Toluene-d8 100 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 95.8 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 74.5 % 44.4-145
 Surrogate: 1-Chlorooctadecane 66.8 % 40.6-153

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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/07/2025
 Reported: 05/13/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SB - 3 @ 40' (H252723-04)

BTEx 8260B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	05/08/2025	ND	0.472	94.4	0.500	0.544		
Toluene*	<0.025	0.025	05/08/2025	ND	0.461	92.2	0.500	0.649		
Ethylbenzene*	<0.025	0.025	05/08/2025	ND	0.467	93.3	0.500	0.552		
Total Xylenes*	<0.050	0.050	05/08/2025	ND	1.38	91.8	1.50	0.590		
Total BTEx	<0.150	0.150	05/08/2025	ND						

Surrogate: Dibromofluoromethane 99.6 % 86.7-111
 Surrogate: Toluene-d8 99.4 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 94.7 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 73.7 % 44.4-145
 Surrogate: 1-Chlorooctadecane 66.4 % 40.6-153

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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received:	05/07/2025	Sampling Date:	05/07/2025
Reported:	05/13/2025	Sampling Type:	Soil
Project Name:	4660_HOBBS GAS PLANT	Sampling Condition:	Cool & Intact
Project Number:	4660	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: SB - 3 @ 50' (H252723-05)

BTEx 8260B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	05/08/2025	ND	0.472	94.4	0.500	0.544		
Toluene*	<0.025	0.025	05/08/2025	ND	0.461	92.2	0.500	0.649		
Ethylbenzene*	<0.025	0.025	05/08/2025	ND	0.467	93.3	0.500	0.552		
Total Xylenes*	<0.050	0.050	05/08/2025	ND	1.38	91.8	1.50	0.590		
Total BTEx	<0.150	0.150	05/08/2025	ND						

Surrogate: Dibromofluoromethane 98.6 % 86.7-111

Surrogate: Toluene-d8 98.7 % 89.3-110

Surrogate: 4-Bromofluorobenzene 94.7 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 77.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.7 % 40.6-153

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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/07/2025
 Reported: 05/13/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SB - 3 @ 55' (H252723-06)

BTEx 8260B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	05/08/2025	ND	0.472	94.4	0.500	0.544		
Toluene*	<0.025	0.025	05/08/2025	ND	0.461	92.2	0.500	0.649		
Ethylbenzene*	<0.025	0.025	05/08/2025	ND	0.467	93.3	0.500	0.552		
Total Xylenes*	<0.050	0.050	05/08/2025	ND	1.38	91.8	1.50	0.590		
Total BTEx	<0.150	0.150	05/08/2025	ND						

Surrogate: Dibromofluoromethane 100 % 86.7-111
 Surrogate: Toluene-d8 98.9 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 94.7 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.4-145
 Surrogate: 1-Chlorooctadecane 71.2 % 40.6-153

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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received:	05/07/2025	Sampling Date:	05/07/2025
Reported:	05/13/2025	Sampling Type:	Soil
Project Name:	4660_HOBBS GAS PLANT	Sampling Condition:	Cool & Intact
Project Number:	4660	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: SB - 4 @ 10' (H252723-07)

BTEx 8260B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	05/08/2025	ND	0.472	94.4	0.500	0.544		
Toluene*	<0.025	0.025	05/08/2025	ND	0.461	92.2	0.500	0.649		
Ethylbenzene*	<0.025	0.025	05/08/2025	ND	0.467	93.3	0.500	0.552		
Total Xylenes*	<0.050	0.050	05/08/2025	ND	1.38	91.8	1.50	0.590		
Total BTEx	<0.150	0.150	05/08/2025	ND						

Surrogate: Dibromofluoromethane 99.4 % 86.7-111

Surrogate: Toluene-d8 98.9 % 89.3-110

Surrogate: 4-Bromofluorobenzene 94.5 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 76.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 67.6 % 40.6-153

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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/07/2025
 Reported: 05/13/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SB - 4 @ 20' (H252723-08)

BTEx 8260B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	05/08/2025	ND	0.472	94.4	0.500	0.544	
Toluene*	<0.025	0.025	05/08/2025	ND	0.461	92.2	0.500	0.649	
Ethylbenzene*	<0.025	0.025	05/08/2025	ND	0.467	93.3	0.500	0.552	
Total Xylenes*	<0.050	0.050	05/08/2025	ND	1.38	91.8	1.50	0.590	
Total BTEx	<0.150	0.150	05/08/2025	ND					

Surrogate: Dibromofluoromethane 101 % 86.7-111
 Surrogate: Toluene-d8 98.9 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 94.5 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 77.7 % 44.4-145
 Surrogate: 1-Chlorooctadecane 68.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received: 05/07/2025
 Reported: 05/13/2025
 Project Name: 4660_HOBBS GAS PLANT
 Project Number: 4660
 Project Location: NONE GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SB - 4 @ 30' (H252723-09)

BTEx 8260B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	05/08/2025	ND	0.472	94.4	0.500	0.544		
Toluene*	<0.025	0.025	05/08/2025	ND	0.461	92.2	0.500	0.649		
Ethylbenzene*	<0.025	0.025	05/08/2025	ND	0.467	93.3	0.500	0.552		
Total Xylenes*	<0.050	0.050	05/08/2025	ND	1.38	91.8	1.50	0.590		
Total BTEx	<0.150	0.150	05/08/2025	ND						

Surrogate: Dibromofluoromethane 102 % 86.7-111
 Surrogate: Toluene-d8 98.3 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 94.8 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 77.9 % 44.4-145
 Surrogate: 1-Chlorooctadecane 68.7 % 40.6-153

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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received:	05/07/2025	Sampling Date:	05/07/2025
Reported:	05/13/2025	Sampling Type:	Soil
Project Name:	4660_HOBBS GAS PLANT	Sampling Condition:	Cool & Intact
Project Number:	4660	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: SB - 4 @ 40' (H252723-10)

BTEx 8260B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	05/08/2025	ND	0.472	94.4	0.500	0.544		
Toluene*	<0.025	0.025	05/08/2025	ND	0.461	92.2	0.500	0.649		
Ethylbenzene*	<0.025	0.025	05/08/2025	ND	0.467	93.3	0.500	0.552		
Total Xylenes*	<0.050	0.050	05/08/2025	ND	1.38	91.8	1.50	0.590		
Total BTEx	<0.150	0.150	05/08/2025	ND						

Surrogate: Dibromofluoromethane 101 % 86.7-111

Surrogate: Toluene-d8 98.2 % 89.3-110

Surrogate: 4-Bromofluorobenzene 94.8 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 78.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received:	05/07/2025	Sampling Date:	05/07/2025
Reported:	05/13/2025	Sampling Type:	Soil
Project Name:	4660_HOBBS GAS PLANT	Sampling Condition:	Cool & Intact
Project Number:	4660	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: SB - 4 @ 50' (H252723-11)

BTEx 8260B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	05/08/2025	ND	0.472	94.4	0.500	0.544		
Toluene*	<0.025	0.025	05/08/2025	ND	0.461	92.2	0.500	0.649		
Ethylbenzene*	<0.025	0.025	05/08/2025	ND	0.467	93.3	0.500	0.552		
Total Xylenes*	<0.050	0.050	05/08/2025	ND	1.38	91.8	1.50	0.590		
Total BTEx	<0.150	0.150	05/08/2025	ND						

Surrogate: Dibromofluoromethane 101 % 86.7-111

Surrogate: Toluene-d8 98.7 % 89.3-110

Surrogate: 4-Bromofluorobenzene 94.7 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 79.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received:	05/07/2025	Sampling Date:	05/07/2025
Reported:	05/13/2025	Sampling Type:	Soil
Project Name:	4660_HOBBS GAS PLANT	Sampling Condition:	Cool & Intact
Project Number:	4660	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: SB - 4 @ 55' (H252723-12)

BTEx 8260B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	05/08/2025	ND	0.472	94.4	0.500	0.544		
Toluene*	<0.025	0.025	05/08/2025	ND	0.461	92.2	0.500	0.649		
Ethylbenzene*	<0.025	0.025	05/08/2025	ND	0.467	93.3	0.500	0.552		
Total Xylenes*	<0.050	0.050	05/08/2025	ND	1.38	91.8	1.50	0.590		
Total BTEx	<0.150	0.150	05/08/2025	ND						

Surrogate: Dibromofluoromethane 101 % 86.7-111

Surrogate: Toluene-d8 99.4 % 89.3-110

Surrogate: 4-Bromofluorobenzene 94.1 % 88.2-108

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 72.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 63.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in cursive script, appearing to read "Celey D. Keene", written in black ink.

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tasman Geosciences										BILL TO				ANALYSIS REQUEST												
Project Manager: Kyle Norman										P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>TPH 8260 Ext</div> <div>BTEX</div> <div>Chlorides</div> <div>Hold</div> <div>24-hr Rush</div> </div>												
Address: 2620 W. Marland Blvd.										Company: Tasman Geo																
City: Hobbs State: NM Zip: 88240										Attn: Kyle Norman																
Phone #: 575-318-5017 Fax #:										Address: 2620 W. Marland																
Project #: 4660 Project Owner: DCP Operating Company										City: Hobbs																
Project Name: 4660_Hobbs Gas Plant										State: NM Zip: 88240																
Project Location:										Phone #: 575-318-5017																
Sampler Name: Kendon Stark										Fax #:																
FOR LAB USE ONLY																										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING																
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
4250703 10085615201	SB-3 @ 10'		1			X				X			5/07/25	0827	X	X										
	SB-3 @ 20'		1			X				X			5/07/25	0831	X	X										
	SB-3 @ 30'		1			X				X			5/07/25	0832	X	X										
	SB-3 @ 40'		1			X				X			5/07/25	0832	X	X										
	SB-3 @ 50'		1			X				X			5/07/25	0836	X	X										
	SB-3 @ 55'		1			X				X			5/07/25	0847	X	X										
	SB-4 @ 10'		1			X				X			5/07/25	0904	X	X										
	SB-4 @ 20'		1			X				X			5/07/25	0909	X	X										
	SB-4 @ 30'		1			X				X			5/07/25	0912	X	X										
SB-4 @ 40'		1			X				X			5/07/25	0913	X	X											

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Relinquished By:	Date:	Received By:	Phone Result:	Yes	No	Add'l Phone #:
Kaleb Johnston	5.7.25	Adams	Fax Result:	Yes	No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:			
			email results: NMData@tasman-geo.com;			
			Stephen.Weathers@p66.com			
Delivered By: (Circle One)		Sample Condition	CHECKED BY:			
Sampler - UPS - Bus - Other:		Cool Intact	(Initials)			
390 / C4030		Yes Yes	IA			
420 / #140		No No				

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 507531

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 507531
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
shanna.smith	Pursuant to 19.15.30.19 OCD shall consider abatement complete when the responsible person meets the standards and requirements set forth in 19.15.30.9 NMAC. Responsible person shall submit an Abatement Completion Report. This report must include all groundwater and soil data and any other pertinent information that supports the closure request. Submit Abatement Completion Report by October 17, 2025.	9/19/2025