RED HILLS 5 AMINE SPILL
Remediation Summary & Closure Report

NMOCD Incident No. nAPP2404624980
UL "F", Sec. 13, T24S, R33E
32.219788°, -103.527938°
Lea County, New Mexico

August 23, 2024

PREPARED ON BEHALF OF

Targa Resources
201 South 4th Street
Artesia, NM 88210

PREPARED BY

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

TASMAN

August 23, 2024

Targa Resources
201 South 4th Street
Artesia, NM 88210

Attn: Ms. Amber Groves
Email: agroves@targaresources.com

Re: Remediation Summary & Closure Report
Red Hills 5 Amine Spill
UL "F", Section 13, Township 24 South, Range 33 East
Lea County, New Mexico
NMOCD Incident No. nAPP2404624980
Tasman Project No. 7067

Dear Ms. Groves,

Tasman, Inc. (Tasman) is pleased to submit this Remediation Summary and Closure Report for the above referenced site. Site assessment and remediation activities were executed in accordance with the New Mexico Oil Conservation Division (NMOCD) regulations concerning the remediation of releases of natural gas and natural gas condensate to the environment.

Manual excavation was utilized to remove approximately 12 cubic yards of impacted material from the release area. Based on laboratory analytical results from soil samples collected during confirmation sampling activities, impacted soil within the release area has been remediated below the applicable NMOCD Action Levels and in accordance with NMOCD standards. Additional project details are provided in the attached summary report.

Tasman appreciates the opportunity to provide environmental services to Targa Resources. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Sincerely,
Tasman, Inc.

Brett Dennis
Senior Project Manager
bdennis@tasman-geo.com

Kyle Norman
Southwest Regional Manager
knorman@tasman-geo.com

TASMAN

TABLE OF CONTENTS

1.0 INTRODUCTION

Tasman, Inc. (Tasman) is pleased to submit this Remediation Summary and Closure Report for the Red Hills 5 Amine Spill (site) on behalf of Targa Resources (Targa) documenting the results of field activities conducted in response to a release of amines to environmental media.

1.1 Site Description

The site is located in Unit Letter "F", Section 13, Township 24 South, Range 33 East (32.219788°, -103.527938°) in Lea County, New Mexico. The property on which the release occurred is held by Targa.

1.2 Release Detail and Initial Response

On February 14, 2024, the release was discovered by Targa personnel. The release occurred due to valve failure on the Red Hills 5 amine system. A Notification of Release (NOR) and initial Form C-141 were provided to the New Mexico Oil Conservation District (NMOCD) via online portal on February 14, 2024. The release resulted in the loss of approximately 16 barrels (bbls) of a 50% mixture of freshwater and amine to the surrounding environmental media. Targa personnel shut in the system to isolate the release. The system was later repaired and returned to service. No amine was recovered. Copies of the NMOCD notifications are provided in Appendix A.

2.0 SITE CHARACTERISTICS

2.1 Depth to Groundwater

Tasman reviewed available depth to groundwater information available through the New Mexico Office of the State Engineer (NMOSE) and the United States Geologic Survey (USGS) for registered water wells within a half-mile radius of the site. The nearest registered water well, identified as C-03917-POD1, is located 0.39 miles from the site. Static water level was measured at 420 feet below ground surface (ft bgs) in 2016.

The Site Location & Groundwater Map included as Figure 1 illustrates the location of the registered water wells within the vicinity of the site, and a summary of depth to groundwater information is provided as Appendix B.

2.2 Karst Potential & Subsurface Mines

Tasman utilized the publicly available karst potential map published by the Bureau of Land Management (BLM) Carlsbad Field Office (CFO) to determine the potential for encountering karst formations beneath the site. Review of the BLM CFO karst potential map indicates that the site is not located in an area of high potential to encounter karstic features.

Tasman utilized the United States Geologic Survey (USGS) Mineral Resources database to determine that there are no subsurface mines beneath or in the vicinity of the site.

Areas of high/critical karst and subsurface mine locations are illustrated on Figure 2.

2.3 Distance to Nearest Potable Water Well

The nearest potable water well was identified as C-03917-POD1. The well is located 0.39 miles from the site and as of 2016 was utilized for domestic use. The location of C-03917-POD1 is shown on the attached Figure 1.

2.4 Distance to Nearest Surface Water

Tasman reviewed aerial imagery and the National Wetland Inventory Map, published by the U.S. Fish and Wildlife Service, for wetlands and surface water in the vicinity of the site. The nearest significant surface water was identified as San Simon Sink located 0.9 miles from the site. One freshwater emergent wetland was identified 0.82 miles from the site. The location of the nearest wetland is illustrated on Figure 1 and surface water body on Figure 3.

2.5 100-year Floodplain

Review of flood map data published by the Federal Emergency Management Agency (FEMA) indicates the site is not within a 100-year floodplain. A copy of the FEMA FIRMete Map can be found attached as Figure 4.

2.6 Residence, School, Hospital, or Institution

Review of aerial imagery did not show that the site is within 300 feet (ft) of an occupied permanent residence, school, hospital, or institution.

2.7 Proximity to Sensitive Receptors and Site Characteristics Summary

The table below denotes if the site is located within the minimum allowable distance from a sensitive receptor, as defined in New Mexico Administrative Code (NMAC) 19.15.29.

Site Characteristics Summary		
Approximate depth to groundwater:	~420 ft bgs	
Within an area of high karst potential?	☐ Yes	☑ No
Within 300 ft. of any continuously flowing of significant watercourse?	☐ Yes	☑ No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	☐ Yes	☑ No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	☐ Yes	☑ No
Within 500 ft. of a spring or private, domestic fresh water well?	☐ Yes	☑ No
Within 1,000 ft. of any fresh water well?	☐ Yes	☑ No
Within the incorporated municipal boundaries or within a municipal well field?	☐ Yes	☑ No
Within 300 ft. of a wetland?	☐ Yes	☑ No
Within the area overlying a subsurface mine?	☐ Yes	☑ No
Within a 100-year floodplain?	☐ Yes	☑ No

3.0 REMEDIATION ACTION LEVELS

NMOCD assessment and cleanup levels for hydrocarbon and produced water releases are based on depth to groundwater and proximity to sensitive receptors as established in NMAC 19.15.29. Therefore, the NMOCD Action Levels for a site with a depth to groundwater greater than 100 feet bgs are applicable at the site; these Action Levels are as follows:

Constituent	Remediation Action Level
Chloride	20,000 mg/kg
TPH (GRO+DRO+MRO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

TPH – total petroleum hydrocarbons
DRO – diesel range organics
BTEX – benzene, toluene, ethylbenzene, total xylenes
GRO – gasoline range organics
MRO – motor/lube oil range organics
mg/kg – milligrams per kilogram

In email correspondence with NMOCD representative Nelson Velez on January 31, 2024 (Appendix A), additional analysis of pH in confirmation soil samples were requested. No Action Level for soil is listed for this analysis by the NMOCD.

3.1 Reclamation Levels

NMAC 19.15.29.13(D) codifies, and the *Procedures for Implementation of the Spill Rule,* dated September 6, 2019, clarifies that the top four feet of the remediated area should be non-waste containing. Therefore, the NMOCD Reclamation Standards are applied to the top four feet of any area impacted by a release that is not located within an active production facility. NMOCD

Reclamation Standards are as follows:

Constituent	Reclamation Standard
Chloride	600 mg/kg
TPH (GRO+DRO+MRO)	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

4.0 SOIL SAMPLING PROCEDURES

4.1 Soil Sampling Procedures for Laboratory Analysis

The collection of soil samples for laboratory analysis was conducted in accordance with NMOCD criteria and generally approved industry standards. Collected soil samples were placed in laboratory provided containers, properly labeled, and preserved on ice pending delivery under a chain of custody form to Envirotech in Farmington, New Mexico.

4.2 Soil Analytical Methods

Each soil sample was analyzed using Environmental Protection Agency (EPA) methods or other NMOCD-approved methods. Laboratory analytical methods are as follows:

- Chloride – EPA Method 300.
- Total Petroleum Hydrocarbons (TPH) – gasoline, diesel, and motor/lube oil range organics (GRO+DRO+MRO) – EPA Method 8015M Extended.
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) – EPA Method 8021B.
- pH – EPA Method 9045D

5.0 SUMMARY OF REMEDIAL ACTIVITIES

5.1 Remedial Activities

From April 4 to May 31, 2024, Tasman manually excavated impacted soil from within the release area. Excavated material was stockpiled on-site atop a polyethylene liner pending transportation to an NMOCD approved disposal facility. The remedial final excavations measured approximately 7-ft long by 7-ft wide at 0.5-ft deep and 17-ft long by 8-ft wide at 1-ft deep. Approximately 12 cubic yards of excavated material was exported to Northern Delaware Basin Landfill.

A photographic log is provided in Appendix C. Copies of solid manifests are available upon request.

5.2 Confirmation Data Evaluation

On April 8, 2024, Targa provided a sampling notification via the NMOCD online portal (Appendix A). On April 10, 2024, Tasman mobilized to the site to collect confirmation soil samples from the base and sidewalls of the remedial excavation. Two confirmation soil samples were collected from the base of the excavation and two confirmation soil samples were collected from the sidewalls of the excavation. Each confirmation soil sample was collected as a five-point composite representing approximately 200 square feet (ft^2) or less of excavation base or sidewall area.

Detected concentrations of total TPH exceeded NMOCD Action Levels in FL-2, W-1 and W-2, ranging from 29.7 milligrams per kilogram (mg/kg) in confirmation sample FL-1 to 468 mg/kg in confirmation soil sample W-1.

Detected concentrations of chlorides were below NMOCD Action Levels in each collected confirmation soil sample. Only soil sample FL-2 exhibited a concentration greater than the laboratory detection limit, at 32.9 mg/kg.

Confirmation samples collected on April 10, 2024, were each analyzed for pH. Values of pH analysis ranged from 9.07 in confirmation soil sample FL-1 to 9.83 in confirmation sample W-1.

Benzene and total BTEX were not detected above laboratory reported detection limit (RDLs) in each of the collected confirmation soil samples.

From April 22 to April 23, 2024, Tasman personnel continued excavation activities to address soils exceeding NMOCD Action Levels. On April 23, 2024, Tasman personnel mobilized to the site to collect confirmation samples from the floor and sidewalls of the excavation. One confirmation sample was collected from the base of the excavation and two confirmation samples were collected from the sidewalls of the excavation.

No collected confirmation soil samples showed concentrations of TPH exceeding the NMOCD Action Level of 100 mg/kg.

Concentrations of BTEX were not detected above the laboratory RDLs in collected confirmation soil samples, except for confirmation soil sample W-1A. The total BTEX concentration for W-1A had a concentration of 3.04 mg/kg which is below the NMOCD Action Level.

Detected concentrations of chlorides were below NMOCD Action Levels in each of the collected confirmation soil samples, ranging from 26.9 mg/kg in soil sample W-1A to 28.6 mg/kg in soil sample W-2A

A summary of soil analytical results are provided as Table 1 and certified laboratory analytical reports are provided in Appendix D. The attached Figure 5 illustrates excavation extents and confirmation sample locations.

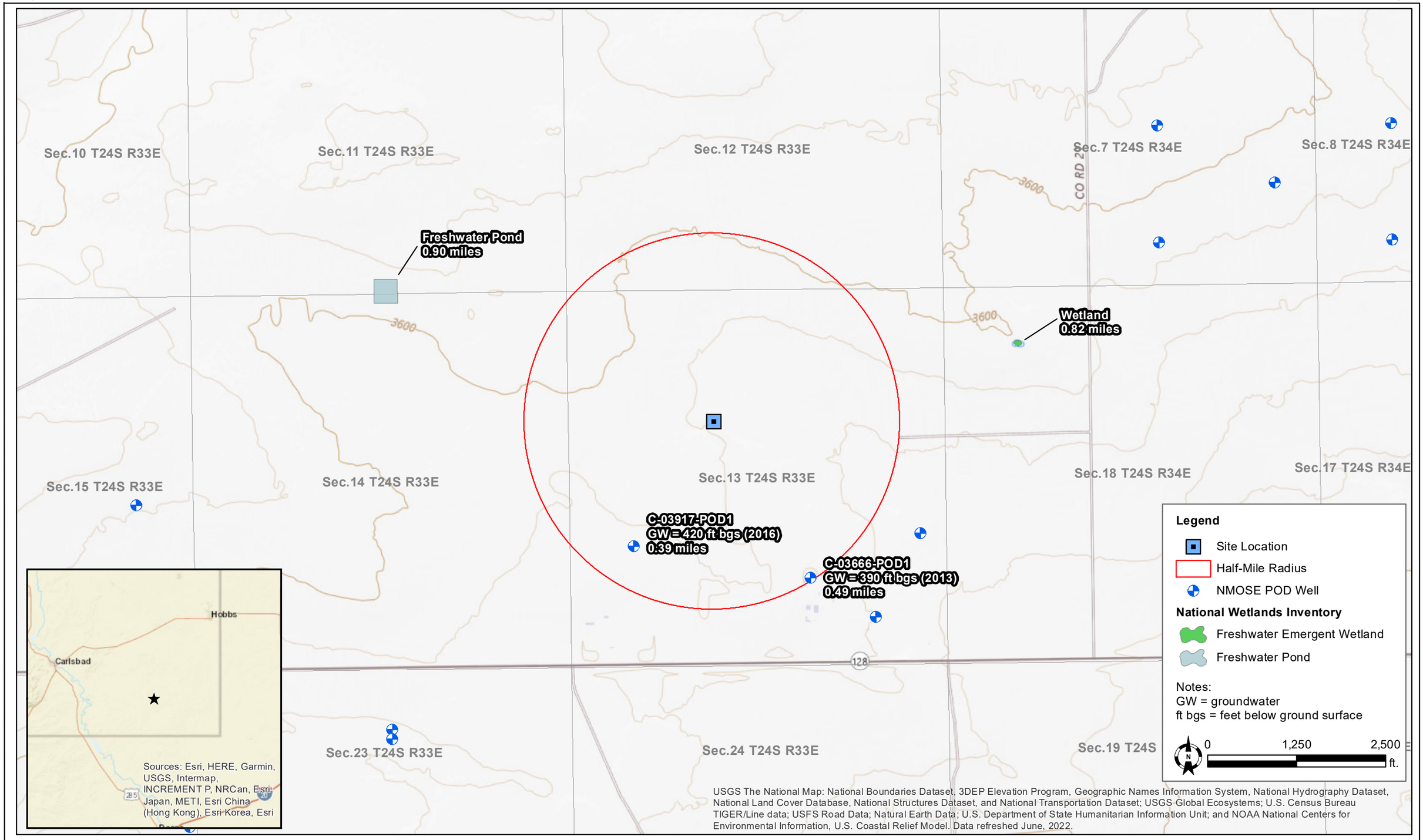
6.0 RESTORATION AND RECLAMATION

One five-point composite sample was collected of backfill material (Table 2). Laboratory analytical results confirm that backfill material does not contain concentrations of chemicals greater than NMOCD Reclamation levels. The remedial excavation was backfilled and returned to the condition that existed prior to the release to the greatest extent possible. The release area occurred within an active gas plant, therefore revegetation will be deferred until the time of facility abandonment.

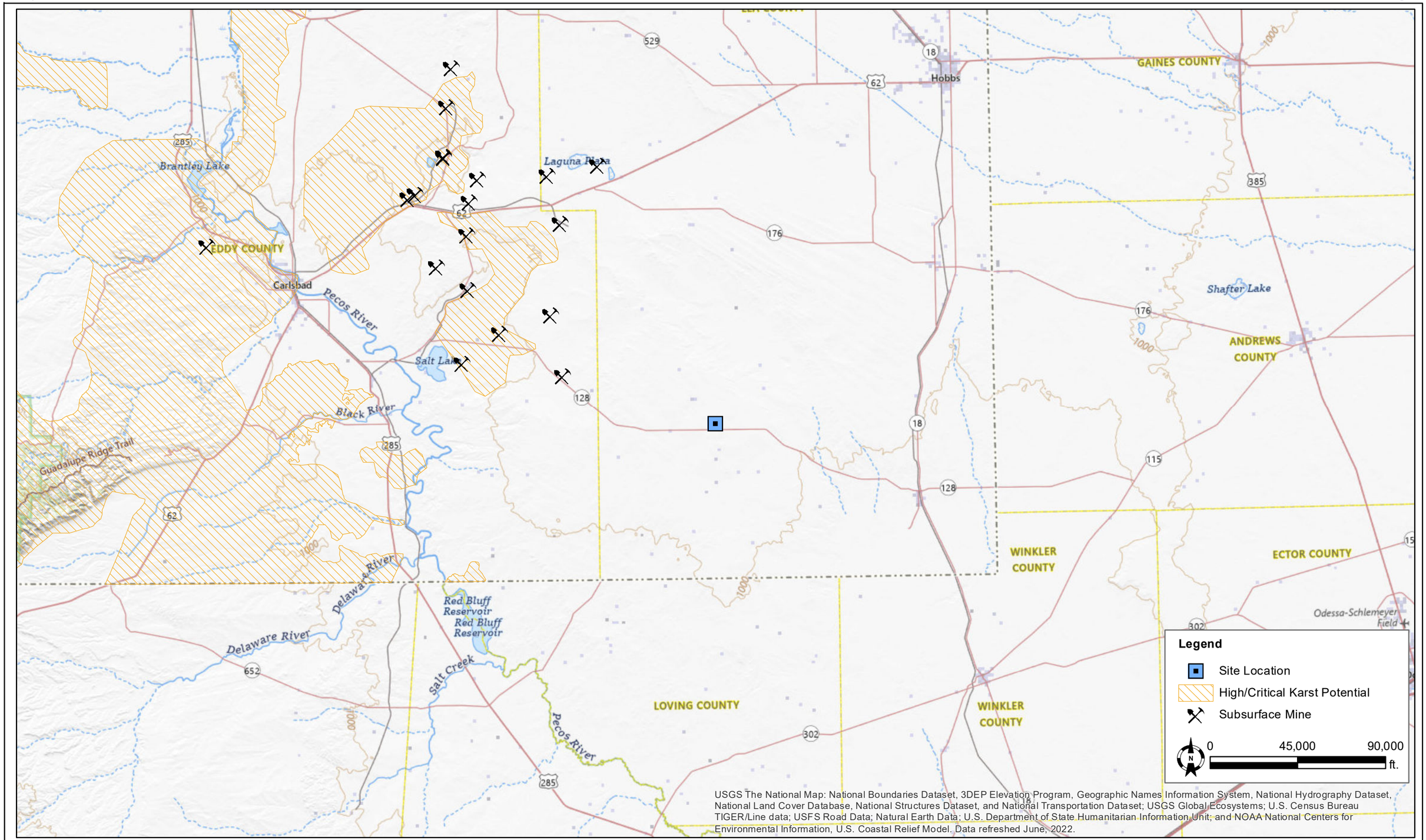
7.0 SITE CLOSURE REQUEST

Based on laboratory analytical results from soil samples collected during the confirmation sampling events, impacted soil within the release area has been remediated below the applicable NMOCD Action Levels in accordance with NMAC 19.15.29. As such, Tasman, on behalf of Targa, respectfully requests that the site be granted closure.

Figures



DATE: June 2024 DESIGNED BY: B. Dennis DRAWN BY: B. Dennis	TASMAN **Tasman, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**Targa Resources** **Red Hills 5 Amine Spill** UL "F", Sec. 13, T24S, R33E Lea County, New Mexico	Site Location & Groundwater Map	Figure 1



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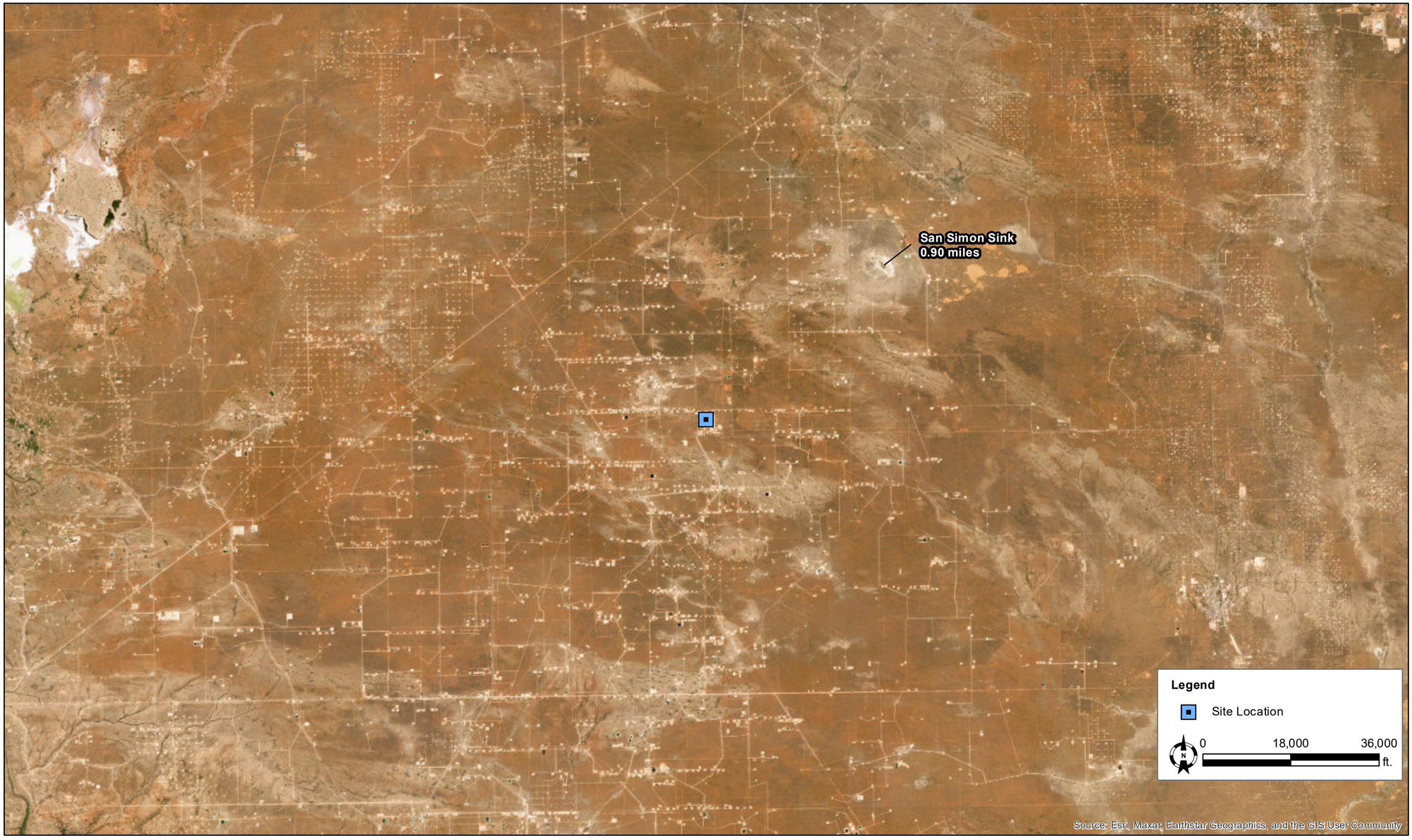
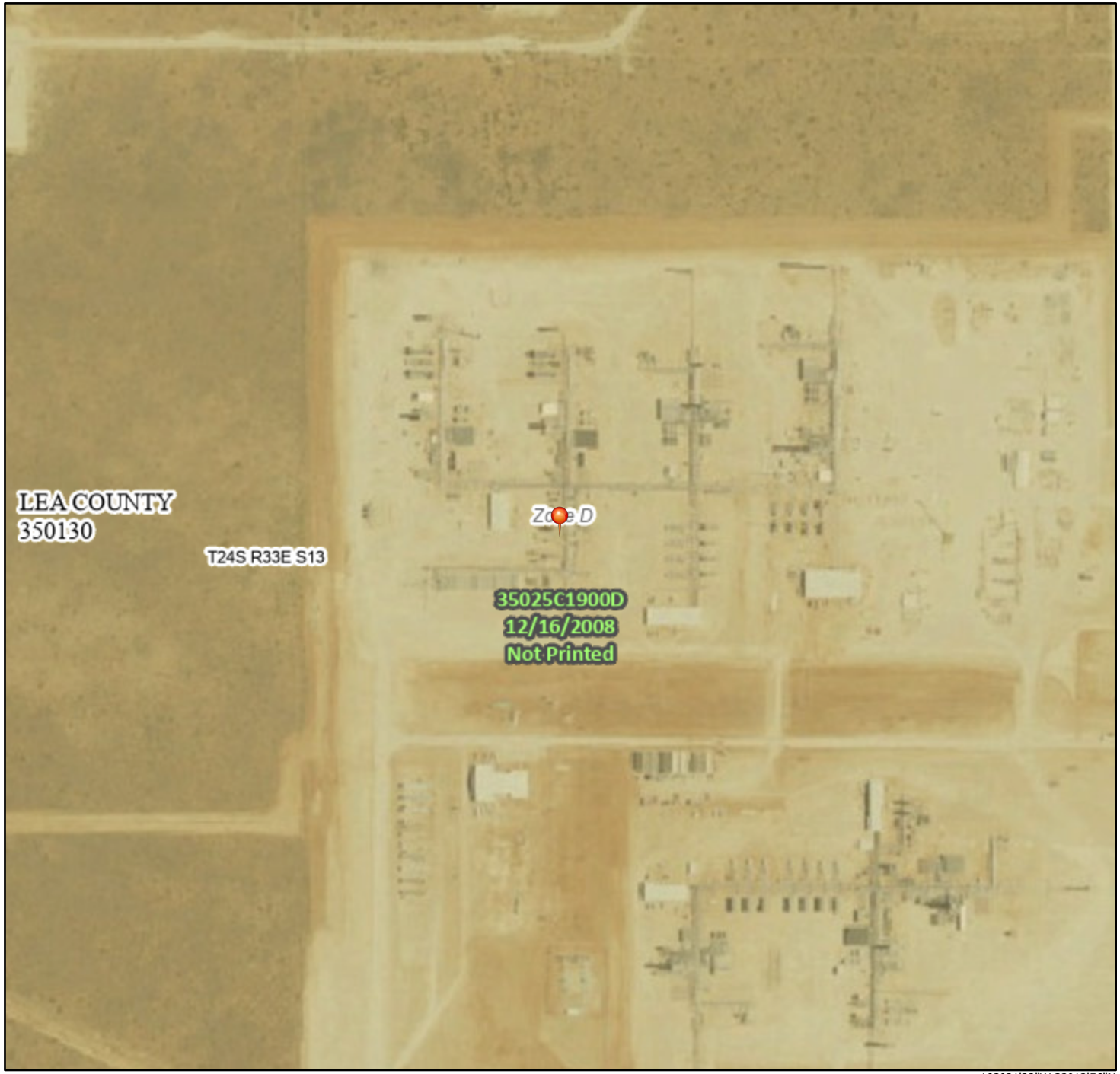


DATE: June 2024 DESIGNED BY: B. Dennis DRAWN BY: B. Dennis	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**Targa Resources** **Red Hills 5 Amine Spill** UL "F", Sec. 13, T24S, R33E Lea County, New Mexico	Surface Water Map	Figure 3

National Flood Hazard Layer FIRMette

FEMA

103°31'59"W 32°13'26"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°31'22"W 32°12'56"N

Basemap Imagery Source: USGS National Map 2023

Legend

Figure 4

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/27/2024 at 6:34 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

DATE: June 2024 DESIGNED BY: C. Flores DRAWN BY: C. Flores	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**Targa Resources** **Red Hills 5 Amine Spill** UL "F", Sec. 13, T24S, R33E Lea County, New Mexico	Excavation Overview Map	Figure 5

Table

TABLE 1 - SOIL ANALYTICAL SUMMARY - CONFIRMATION SOIL SAMPLES
Targa Resources
Red Hills 5 Amine Release
NMOCD Incident No. nAPP2404624980

Sample ID	Sample Depth	Sample Date	Soil Status	PID (ppm)	Field Chloride (mg/kg)	Benzene (mg/kg)	Total BTEX[1] (mg/kg)	TPH[2] (mg/kg)				Chloride[3] (mg/kg)	pH[4]
								GRO	DRO	MRO	TOTAL		
Confirmation Soil Samples													
FL-1	0.5-1'	4/10/2024	In-Situ	1.7	84	<0.0250	<0.0250	<20.0	**29.7**	<50.0	**29.7**	<20.0	9.07
FL-2	0.5-1'	4/10/2024	Excavated	2.9	84	<0.0250	<0.0250	<20.0	**142**	<50.0	**142**	**32.9**	9.20
FL-2	1'	4/23/2024	In-Situ	1.4	120	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0	---
W-1	---	4/10/2024	Excavated	2.1	116	<0.0250	<0.0250	<20.0	**468**	<50.0	**468**	<20.0	9.83
W-1A	---	4/23/2024	In-Situ	1.2	118	**0.162**	**3.04**	<20.0	**72.7**	<50.0	**72.7**	**26.9**	---
W-2	---	4/10/2024	Excavated	1.4	29	<0.0250	<0.0250	<20.0	**194**	<50.0	**194**	<20.0	9.62
W-2A	---	4/23/2024	In-Situ	1.4	144	<0.0250	<0.0250	<20.0	**57.5**	<50.0	**57.5**	**28.6**	---
Backfill Soil Samples													
Backfill	---	8/1/2024	In-Situ	0.0	201	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	**50.4**	---
NMOCD Remediation and Delineation Standards[5]				**N/A**	**N/A**	**10**	**50**	**1,000**		**N/A**	**2,500**	**20,000**	**N/A**

Notes:

1. BTEX = Benzene, toluene, ethylbenzene, and total xylenes by EPA method 8021B
2. TPH = Total petroleum hydrocarbons analyzed by method EPA 8015M (GRO/DRO/MRO)
3. Chloride - Analyzed by EPA method SM4500
4. pH = Analyzed by EPA Method 9045D
5. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (NMAC 19.15.29.12(N))

* = Denotes discrete/grab sample
Bold values denote concentrations above laboratory RDL
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
--- = Sample was not analyzed for this analyte
<RDL = The analyte was not detected above the laboratory sample detection limit (RDL)
N/A = Not applicable
Ft. = Feet

Appendix A – Initial Form C-141 and NMOCD Notifications

OCD Permitting

[NOTIFY] Notification Of Release (NOR) Application

Submission Information

Submission ID:	314541	**Districts:**	Hobbs
Operator:	[331548] Targa Northern Delaware, LLC.	**Counties:**	Lea
Description:	Targa Northern Delaware, LLC. [331548] , Red Hills Plant - Red Hills 5 Train , nAPP2404624980		
Status:	APPROVED		
Status Date:	02/15/2024		
References (2):	fAPP2123031392, nAPP2404624980		

Forms

This application type does not have attachments.

Questions

Location of Release Source

Please answer all the questions in this group.

Site Name	Red Hills Plant - Red Hills 5 Train
Date Release Discovered	02/14/2024
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

Incident Type	Release **Other**
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	*Not answered.*
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*

Nature and Volume of Release (continued)

Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 su
remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

Acknowledgments

- [x] I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
- [x] I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
- [x] I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
- [x] I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
- [x] I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
- [x] I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Comments

No comments found for this submission.

Conditions

Summary: *tillmana (2/15/2024),* When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.

Reasons

No reasons found for this submission.

1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220

OCD Permitting

[C-141] Initial C-141 (C-141-V-INITIAL) Application

Submission Information

Submission ID:	317665	**Districts:**	Hobbs
Operator:	[331548] Targa Northern Delaware, LLC.	**Counties:**	Lea
Description:	Targa Northern Delaware, LLC. [331548] , Red Hills Plant - Red Hills 5 Train , nAPP2404624980		
Status:	APPROVED		
Status Date:	02/27/2024		
References (2):	fAPP2123031392, nAPP2404624980		

Forms

Attachments: Volume Calculation

Questions

Prerequisites

Incident ID (n#)	**nAPP2404624980**
Incident Name	**NAPP2404624980 RED HILLS PLANT - RED HILLS 5 TRAIN @ 0**
Incident Type	**Release Other**
Incident Status	**Initial C-141 Received**
Incident Facility	**[fAPP2123031392] TARGA NORTHERN DELAWARE, LLC.**

Location of Release Source

Please answer all the questions in this group.

Site Name	Red Hills Plant - Red Hills 5 Train
Date Release Discovered	02/14/2024
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

Incident Type	Release **Other**
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No

Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	Cause: Equipment Failure | Gas Plant | Chemical (**Specify**) | Released: 16 BBL | Recovered: 0 BBL | Lost: 16 BBL.
Are there **additional details** for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	50% spent amine/water solution

Nature and Volume of Release (continued)

Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 s
If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e
the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain r notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their op have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relie operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Jaylen Fuentes Title: Environmental Specialist Email: jaylen.fuentes@targaresources.com Date: 02/27/2024

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	*Not answered.*
What method was used to determine the depth to ground water	*Not answered.*
Did this release impact groundwater or surface water	*Not answered.*

What is the minimum distance, between the closest lateral extents of the release and the following surface areas:

A continuously flowing watercourse or any other significant watercourse	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*

storage site

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission No

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plar then it should consult with the division to determine if another remediation plan submission is required.

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary: *scwells (2/27/2024),* None

Reasons

No reasons found for this submission.

Go Back

OCD Permitting

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	330802	**Districts:**	Hobbs
Operator:	[331548] Targa Northern Delaware, LLC.	**Counties:**	Lea
Description:	Targa Northern Delaware, LLC. [331548] , Red Hills Plant - Red Hills 5 Train , nAPP2404624980		
Status:	APPROVED		
Status Date:	04/08/2024		
References (2):	fAPP2123031392, nAPP2404624980		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	**nAPP2404624980**
Incident Name	**NAPP2404624980 RED HILLS PLANT - RED HILLS 5 TRAIN @ 0**
Incident Type	**Release Other**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2123031392] TARGA NORTHERN DELAWARE, LLC.**

Location of Release Source

Site Name	**Red Hills Plant - Red Hills 5 Train**
Date Release Discovered	**02/14/2024**
Surface Owner	**Private**

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	270
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/10/2024
Time sampling will commence	08:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Please call Amber Groves at 575-635-9096.
Please provide any information necessary for navigation to sampling site	Please call Amber Groves at 575-635-9096 for directions.

Comments

No comments found for this submission.

Conditions

Summary: *amberg (4/8/2024),* Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons

No reasons found for this submission.

Go Back

From: Groves, Amber L.
To: Brett Dennis
Subject: FW: [EXTERNAL] Amine Release
Date: Friday, August 2, 2024 12:23:05 PM
Attachments: image001.jpg
Outlook-qtchxdcl.png

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Wednesday, January 31, 2024 2:11 PM
To: Groves, Amber L. <agroves@targaresources.com>
Cc: Austin, Tillman <jaustin@targaresources.com>; Reynolds, Sylwia A. <sreynolds@targaresources.com>
Subject: Re: [EXTERNAL] Amine Release

Good afternoon Amber,

Thank you for your inquiry.

To cover all the bases, sample per Table 1 of 19.15.29 NMAC and pH.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

If you have any questions, please contact me at your convenience.

Have a good and safe day.

Regards,

Nelson Velez • Environmental Specialist - Adv

Environmental Bureau | EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

(505) 469-6146 | nelson.velez@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

From: Groves, Amber L. <agroves@targaresources.com>
Sent: Wednesday, January 31, 2024 12:20 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Austin, Joseph T. <jaustin@targaresources.com>; Reynolds, Sylwia A. <sreynolds@targaresources.com>
Subject: [EXTERNAL] Amine Release

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

Good Afternoon, Nelson!

We submitted an amine release this week and I wanted to touch base with you on what kind of samples OCD will want to see in the closure report, please? I would greatly appreciate your guidance so we know that our bases are covered with our samples on the project.

Thank you!

Amber

Amber Groves | Targa Resources | Sr. Environmental Specialist
Cell: (575)635-9096 | agroves@targaresources.com

Appendix B – Depth to Groundwater Information

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

		OSE FILE NUMBER(S): C-3917
WELL OWNER NAME(S): MARK McCLOY		PHONE (OPTIONAL):
WELL OWNER MAILING ADDRESS: BOX 795	CITY: TATUM	STATE: NM ZIP: 88267

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	12	54.52	N
LONGITUDE	103	31	54.52	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE:

2. DRILLING & CASING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1058	CASEY KEY	KEYS DRILLING & PUMP SERVICE INC.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
03/1/16	03/4/16	600'	600'	520'

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED) — STATIC WATER LEVEL IN COMPLETED WELL (FT): 420'

DRILLING FLUID: ☑ AIR ☐ MUD ☐ ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☑ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-1.50	20	10-3/4	STEEL		10"	1/4"	
-1.50	300	9-7/8	PVC SCH 40	SPLINE	6"	SCH-40	
300	600	9-7/8	PVC SCH 40	SPLINE	6"	SCH-40	.032

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	10-3/4	CEMENT		TOP POUR
20	600	9-7/8	GRAVEL PACK		TOP POUR

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER C-3917	POD NUMBER 1	TRN NUMBER 578203
LOCATION 24S.33E.13.314		PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	20	20	SURFACE	☐ Y ■ N	
20	80	60	TAN SANDSTONE	☐ Y ■ N	
80	120	40	GREY SANDSONTE	☐ Y ■ N	
120	150	30	RED SANDY CLAY & GREY SANDSTONE	☐ Y ■ N	
150	170	20	GREEN & RED SANDSTONE	☐ Y ■ N	
170	180	10	GREY SANDSTONE	☐ Y ■ N	
180	240	60	RED & GREY SANDSTONE	☐ Y ■ N	
240	280	40	GREY SANDSTONE	☐ Y ■ N	
280	320	40	RED & GREY SANDSTONE	☐ Y ■ N	
320	380	60	RED SANDSTONE	☐ Y ■ N	
380	520	40	RED SANDSTONE W/BROWN CLAY	☐ Y ■ N	
520	600	80	RED SANDSTONE	■ Y ☐ N	30 GPM
				☐ Y ☐ N	
				☐ Y ☐ N	
				☐ Y ☐ N	
				☐ Y ☐ N	
				☐ Y ☐ N	
				☐ Y ☐ N	
				☐ Y ☐ N	
				☐ Y ☐ N	
				☐ Y ☐ N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ■ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 30

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: WELL TESTED WITH A TEST PUMP

2016 MAR 11 STATE ENGINEER

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

CASEY KEY

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

YOGI HURFORD — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

03-11-2016 — DATE

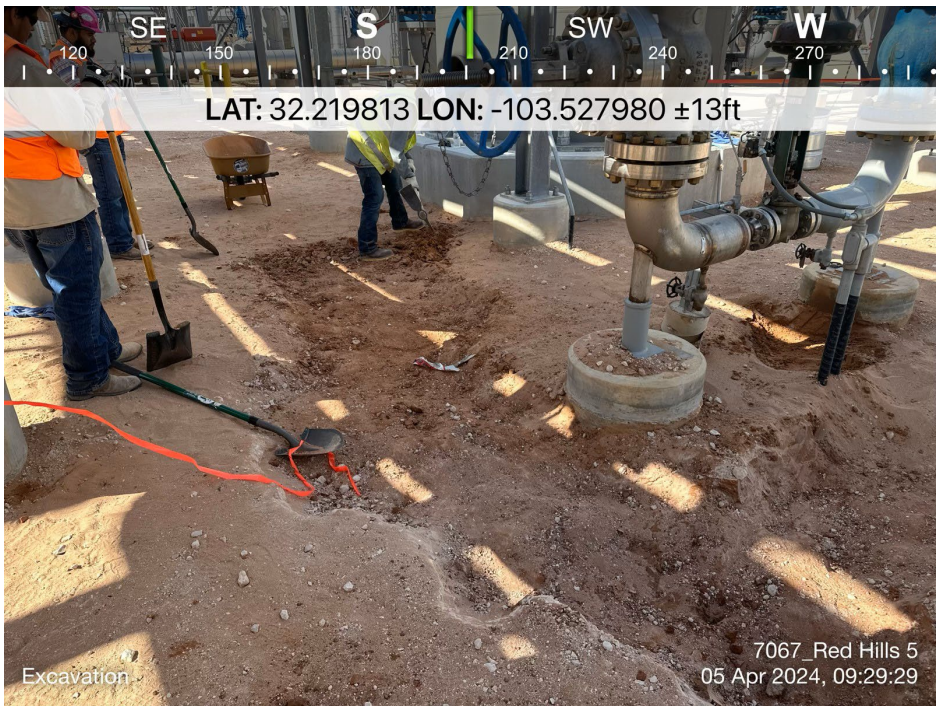
FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	C-3917	POD NUMBER	1	TRN NUMBER	578203
LOCATION	24S.33E.13.314				PAGE 2 OF 2

Appendix C – Photographic Log

Targa Resources

Redhills 5 Amine Spill – nAPP2404624980

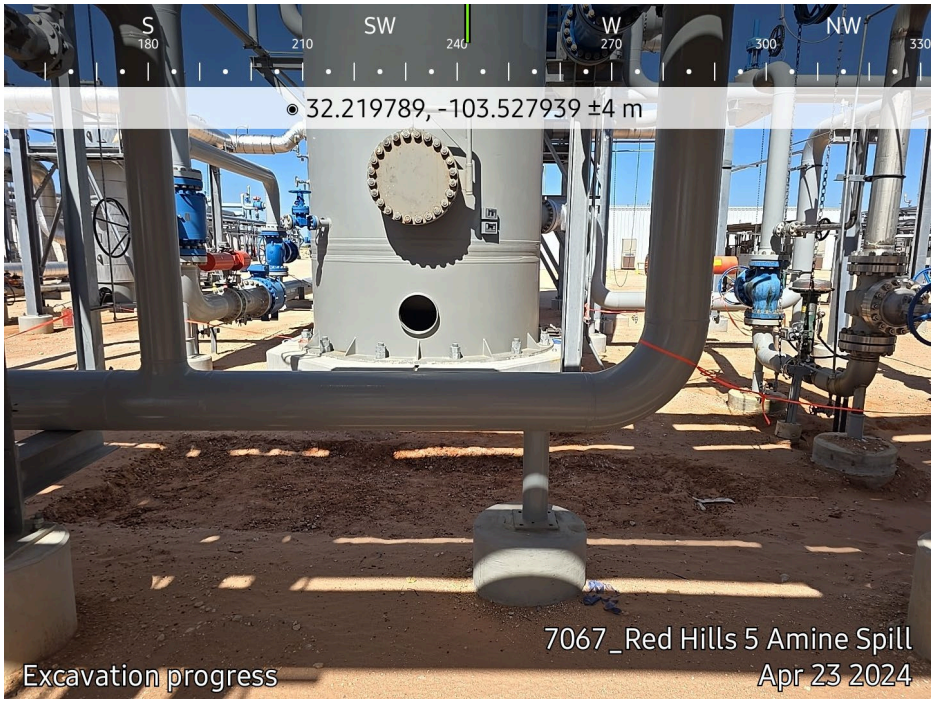


Targa Resources

Redhills 5 Amine Spill – nAPP2404624980

Targa Resources

Redhills 5 Amine Spill – nAPP2404624980

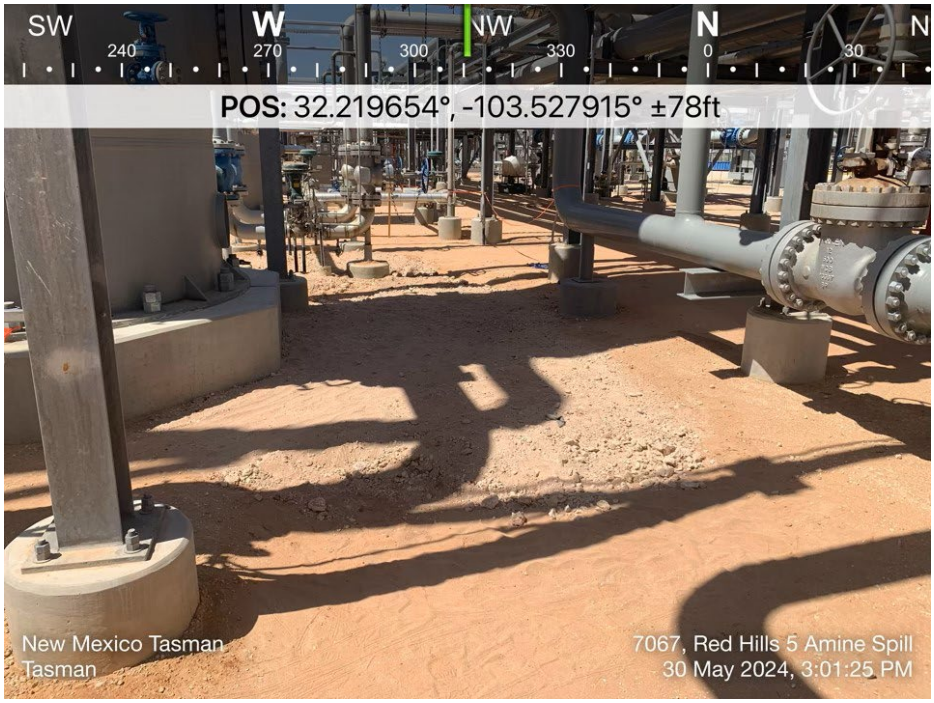


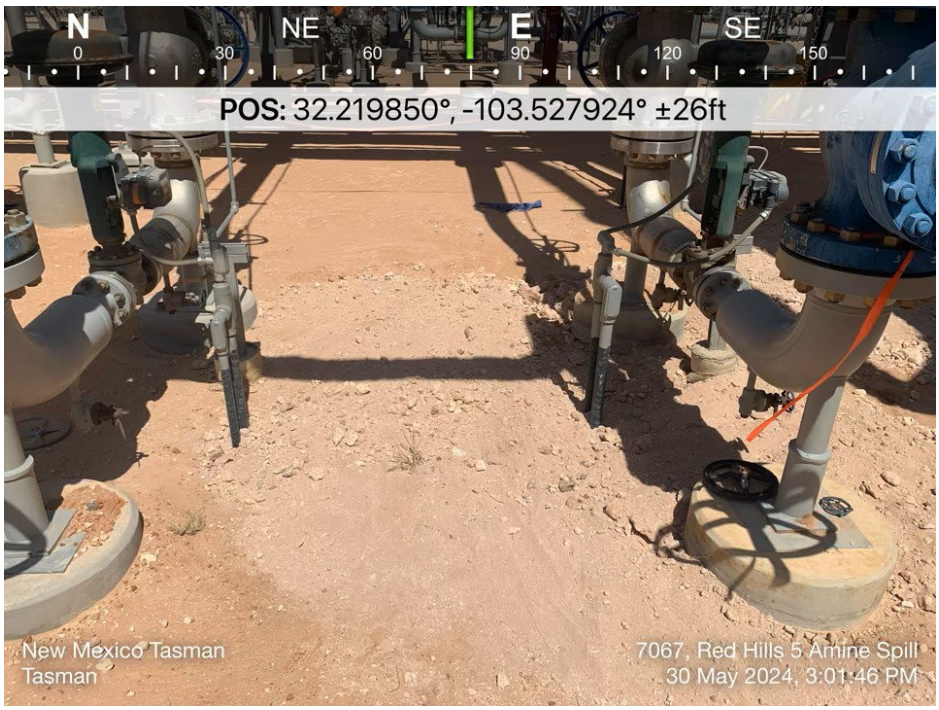
Targa Resources

Redhills 5 Amine Spill – nAPP2404624980

Targa Resources

Redhills 5 Amine Spill – nAPP2404624980

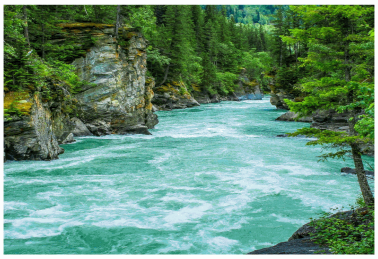




Appendix D – Certified Laboratory Analytical Reports

Report to:

Brett Dennis



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Targa

Project Name: Red Hills 5 Amine Spill

Work Order: E404110

Job Number: 21102-0001

Received: 4/12/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/18/24

Date Reported: 4/18/24

Brett Dennis
12600 WCR 91
Midland, TX 79707

Project Name: Red Hills 5 Amine Spill
Workorder: E404110
Date Received: 4/12/2024 7:15:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/12/2024 7:15:00AM, under the Project Name: Red Hills 5 Amine Spill.

The analytical test results summarized in this report with the Project Name: Red Hills 5 Amine Spill apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Golzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Targa	Project Name:	Red Hills 5 Amine Spill	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	04/18/24 11:29

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Fl -1 @ 0.5' -1'	E404110-01A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
Fl -2 @ 0.5' -1'	E404110-02A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
W -1	E404110-03A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
W -2	E404110-04A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.

Sample Data

Targa	Project Name:	Red Hills 5 Amine Spill	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	4/18/2024 11:29:21AM

Fl -1 @ 0.5' -1'

E404110-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analyst: WF			Batch: 2416027
pH @25°C	**9.07**		1	04/15/24	04/15/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2415088
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*04/12/24*	*04/17/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2415088
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.6 %*	*70-130*	*04/12/24*	*04/17/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2416069
Diesel Range Organics (C10-C28)	**29.7**	25.0	1	04/17/24	04/17/24	T17
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/24	04/17/24	
Surrogate: n-Nonane		*85.7 %*	*50-200*	*04/17/24*	*04/17/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2416033
Chloride	ND	20.0	1	04/15/24	04/16/24	

Sample Data

Targa	Project Name:	Red Hills 5 Amine Spill	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	4/18/2024 11:29:21AM

Fl -2 @ 0.5' -1'

E404110-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analyst: WF			Batch: 2416027
pH @25°C	**9.20**		1	04/15/24	04/15/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2415088
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*04/12/24*	*04/17/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2415088
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.2 %*	*70-130*	*04/12/24*	*04/17/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2416069
Diesel Range Organics (C10-C28)	**142**	25.0	1	04/17/24	04/17/24	T17
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/24	04/17/24	
Surrogate: n-Nonane		*83.9 %*	*50-200*	*04/17/24*	*04/17/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2416033
Chloride	**32.9**	20.0	1	04/15/24	04/16/24	

Sample Data

Targa	Project Name:	Red Hills 5 Amine Spill	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	4/18/2024 11:29:21AM

W -1

E404110-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analyst: WF			Batch: 2416027
pH @25°C	**9.83**		1	04/15/24	04/15/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2415088
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*04/12/24*	*04/17/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2415088
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.9 %*	*70-130*	*04/12/24*	*04/17/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2416069
Diesel Range Organics (C10-C28)	**468**	25.0	1	04/17/24	04/17/24	T17
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/24	04/17/24	
Surrogate: n-Nonane		*86.8 %*	*50-200*	*04/17/24*	*04/17/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2416033
Chloride	ND	20.0	1	04/15/24	04/16/24	

Sample Data

Targa	Project Name:	Red Hills 5 Amine Spill	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	4/18/2024 11:29:21AM

W -2

E404110-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analyst: WF			Batch: 2416027
pH @25°C	**9.62**		1	04/15/24	04/15/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2415088
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*04/12/24*	*04/17/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2415088
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.4 %*	*70-130*	*04/12/24*	*04/17/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2416069
Diesel Range Organics (C10-C28)	**194**	25.0	1	04/17/24	04/17/24	T17
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/24	04/17/24	
Surrogate: n-Nonane		*88.7 %*	*50-200*	*04/17/24*	*04/17/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2416033
Chloride	ND	20.0	1	04/15/24	04/16/24	

QC Summary Data

Targa	Project Name:	Red Hills 5 Amine Spill	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	4/18/2024 11:29:21AM

Wet Chemistry by EPA 9045D

Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	pH Units	pH Units	pH Units	pH Units	%	%	%	%	
LCS (2416027-BS1)									Prepared: 04/15/24 Analyzed: 04/15/24
pH	7.97		8.00		99.6	98.75-101.25			
Duplicate (2416027-DUP1)				**Source: E404093-01**					Prepared: 04/15/24 Analyzed: 04/15/24
pH	6.16			6.17			0.0811	20	

QC Summary Data

Targa	Project Name:	Red Hills 5 Amine Spill	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	4/18/2024 11:29:21AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2415088-BLK1)									Prepared: 04/12/24 Analyzed: 04/17/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.64*		*8.00*		*95.5*	*70-130*			
LCS (2415088-BS1)									Prepared: 04/12/24 Analyzed: 04/17/24
Benzene	5.24	0.0250	5.00		105	70-130			
Ethylbenzene	5.14	0.0250	5.00		103	70-130			
Toluene	5.27	0.0250	5.00		105	70-130			
o-Xylene	5.25	0.0250	5.00		105	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.8*	*70-130*			
Matrix Spike (2415088-MS1)				**Source: E404107-10**					Prepared: 04/12/24 Analyzed: 04/17/24
Benzene	5.60	0.0250	5.00	ND	112	54-133			
Ethylbenzene	5.47	0.0250	5.00	ND	109	61-133			
Toluene	5.62	0.0250	5.00	ND	112	61-130			
o-Xylene	5.58	0.0250	5.00	ND	112	63-131			
p,m-Xylene	11.1	0.0500	10.0	ND	111	63-131			
Total Xylenes	16.7	0.0250	15.0	ND	111	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.46*		*8.00*		*93.2*	*70-130*			
Matrix Spike Dup (2415088-MSD1)				**Source: E404107-10**					Prepared: 04/12/24 Analyzed: 04/17/24
Benzene	4.97	0.0250	5.00	ND	99.3	54-133	12.0	20	
Ethylbenzene	4.84	0.0250	5.00	ND	96.8	61-133	12.2	20	
Toluene	4.97	0.0250	5.00	ND	99.5	61-130	12.3	20	
o-Xylene	4.93	0.0250	5.00	ND	98.6	63-131	12.4	20	
p,m-Xylene	9.82	0.0500	10.0	ND	98.2	63-131	12.2	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.3	63-131	12.3	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.46*		*8.00*		*93.3*	*70-130*			

QC Summary Data

Targa	Project Name:	Red Hills 5 Amine Spill	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	4/18/2024 11:29:21AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2415088-BLK1)									Prepared: 04/12/24 Analyzed: 04/17/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.88*		*8.00*		*86.0*	*70-130*			
LCS (2415088-BS2)									Prepared: 04/12/24 Analyzed: 04/17/24
Gasoline Range Organics (C6-C10)	39.2	20.0	50.0		78.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.07*		*8.00*		*88.4*	*70-130*			
Matrix Spike (2415088-MS2)				**Source: E404107-10**					Prepared: 04/12/24 Analyzed: 04/17/24
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0	ND	79.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.10*		*8.00*		*88.8*	*70-130*			
Matrix Spike Dup (2415088-MSD2)				**Source: E404107-10**					Prepared: 04/12/24 Analyzed: 04/17/24
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0	ND	83.5	70-130	5.32	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.10*		*8.00*		*88.8*	*70-130*			

QC Summary Data

Targa	Project Name:	Red Hills 5 Amine Spill	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	4/18/2024 11:29:21AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2416069-BLK1)									Prepared: 04/17/24 Analyzed: 04/17/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*41.7*		*50.0*		*83.4*	*50-200*			
LCS (2416069-BS1)									Prepared: 04/17/24 Analyzed: 04/17/24
Diesel Range Organics (C10-C28)	264	25.0	250		106	38-132			
Surrogate: n-Nonane	*46.4*		*50.0*		*92.8*	*50-200*			
Matrix Spike (2416069-MS1)				**Source: E404136-01**					Prepared: 04/17/24 Analyzed: 04/17/24
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	*40.4*		*50.0*		*80.9*	*50-200*			
Matrix Spike Dup (2416069-MSD1)				**Source: E404136-01**					Prepared: 04/17/24 Analyzed: 04/17/24
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	38-132	0.899	20	
Surrogate: n-Nonane	*42.4*		*50.0*		*84.9*	*50-200*			

QC Summary Data

Targa	Project Name:	Red Hills 5 Amine Spill	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	4/18/2024 11:29:21AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2416033-BLK1)									Prepared: 04/15/24 Analyzed: 04/16/24
Chloride	ND	20.0							
LCS (2416033-BS1)									Prepared: 04/15/24 Analyzed: 04/16/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2416033-MS1)				**Source: E404117-01**					Prepared: 04/15/24 Analyzed: 04/16/24
Chloride	322	20.0	250	66.0	102	80-120			
Matrix Spike Dup (2416033-MSD1)				**Source: E404117-01**					Prepared: 04/15/24 Analyzed: 04/16/24
Chloride	322	20.0	250	66.0	102	80-120	0.119	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Targa	Project Name:	Red Hills 5 Amine Spill	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	04/18/24 11:29

T17	The sample chromatographic pattern does not resemble the typical fuel standard used for quantitation.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client:	Targa Resources
Project:	Red Hills 5 Amine Spill
Project Manager:	Brett Dennis
Address:	2620 W. Marland Blvd.
City, State, Zip:	Hobbs, NM 88240
Phone:	
Email:	bdennis@tasman-geo.com; cflores@tasman-geo.com; lflores@tasman-geo.com; nmdata@tasman-geo.com
Report due by:	

Bill To

Attention:	Amber Groves
Address:	201 S 4th St.
City, State, Zip	Artesia, NM
Phone:	
Email:	agroves@targaresources.com
	PO Pending

Lab Use Only

Lab WO#	Job Number
E404110	21102-0001

TAT

1D	2D	3D	Standard
			x

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
x					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Metals 6010	VOC by 8260	pH	BGDOC NM	GDOC TX	Remarks
1105	4.10.24	S	1	Fl-1 @ 0.5' - 1'	1	x	x	x			X			
1110	4.10.24	S	1	Fl-2 @ 0.5' - 1'	2	x	x	x			X			
1115	4.10.24	S	1	W-1	3	x	x	x			X			
1120	4.10.24	S	1	W-2	4	x	x	x			X			

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	4.11.24	12:13	Michelle Gonzales	4-11-24	1213
Michelle Gonzales	4-11-24	1640		4.11.24	1745
	4.11.24	2400		4/12/24	0715

Lab Use Only
Received on ice: (Y)/ N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 4/13/2024 8:03:26AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Targa	Date Received:	04/12/24 07:15	Work Order ID:	E404110
Phone:	(432) 999-8675	Date Logged In:	04/12/24 09:54	Logged In By:	Angelina Pineda
Email:	bdennis@tasman-geo.com	Due Date:	04/18/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Brett Dennis

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Targa

Project Name:	7067_Red Hills 5 Amine Spill
Work Order:	E404246
Job Number:	21102-0001
Received:	4/24/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/29/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/29/24

Brett Dennis
12600 WCR 91
Midland, TX 79707

Project Name: 7067_Red Hills 5 Amine Spill
Workorder: E404246
Date Received: 4/24/2024 8:00:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/24/2024 8:00:00AM, under the Project Name: 7067_Red Hills 5 Amine Spill.

The analytical test results summarized in this report with the Project Name: 7067_Red Hills 5 Amine Spill apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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mgonzales@envirotech-inc.com

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Table of Contents

Sample Summary

Targa	Project Name:	7067_Red Hills 5 Amine Spill	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	04/29/24 13:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL 2@ 1'	E404246-01A	Soil	04/23/24	04/24/24	Glass Jar, 4 oz.
W -1A	E404246-02A	Soil	04/23/24	04/24/24	Glass Jar, 4 oz.
W -2A	E404246-03A	Soil	04/23/24	04/24/24	Glass Jar, 4 oz.

Sample Data

Targa	Project Name:	7067_Red Hills 5 Amine Spill	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	4/29/2024 1:27:29PM

FL 2@ 1'

E404246-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2417048
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*	*70-130*	*04/24/24*	*04/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2417048
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.1 %*	*70-130*	*04/24/24*	*04/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2417049
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/24/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*04/24/24*	*04/24/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2417045
Chloride	ND	20.0	1	04/24/24	04/24/24	

Sample Data

Targa	Project Name:	7067_Red Hills 5 Amine Spill	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	4/29/2024 1:27:29PM

W -1A

E404246-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2417048
Benzene	**0.162**	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	**0.205**	0.0250	1	04/24/24	04/25/24	
Toluene	**0.886**	0.0250	1	04/24/24	04/25/24	
o-Xylene	**0.239**	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	**0.656**	0.0500	1	04/24/24	04/25/24	
Total Xylenes	**0.895**	0.0250	1	04/24/24	04/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*04/24/24*	*04/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2417048
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.5 %*	*70-130*	*04/24/24*	*04/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2417049
Diesel Range Organics (C10-C28)	**72.7**	25.0	1	04/24/24	04/24/24	T17
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/24/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*04/24/24*	*04/24/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2417045
Chloride	**26.9**	20.0	1	04/24/24	04/24/24	

Sample Data

Targa	Project Name:	7067_Red Hills 5 Amine Spill	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	4/29/2024 1:27:29PM

W -2A

E404246-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2417048
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*04/24/24*	*04/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2417048
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.2 %*	*70-130*	*04/24/24*	*04/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2417049
Diesel Range Organics (C10-C28)	**57.5**	25.0	1	04/24/24	04/24/24	T17
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/24/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*04/24/24*	*04/24/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2417045
Chloride	**28.6**	20.0	1	04/24/24	04/24/24	

QC Summary Data

Targa	Project Name:	7067_Red Hills 5 Amine Spill	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	4/29/2024 1:27:29PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2417048-BLK1)									Prepared: 04/24/24 Analyzed: 04/25/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.49*		*8.00*		*93.6*	*70-130*			
LCS (2417048-BS1)									Prepared: 04/24/24 Analyzed: 04/25/24
Benzene	5.40	0.0250	5.00		108	70-130			
Ethylbenzene	5.22	0.0250	5.00		104	70-130			
Toluene	5.38	0.0250	5.00		108	70-130			
o-Xylene	5.32	0.0250	5.00		106	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	16.0	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.57*		*8.00*		*94.6*	*70-130*			
Matrix Spike (2417048-MS1)				**Source: E404246-03**					Prepared: 04/24/24 Analyzed: 04/25/24
Benzene	5.28	0.0250	5.00	ND	106	54-133			
Ethylbenzene	5.10	0.0250	5.00	ND	102	61-133			
Toluene	5.25	0.0250	5.00	ND	105	61-130			
o-Xylene	5.18	0.0250	5.00	ND	104	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.51*		*8.00*		*93.8*	*70-130*			
Matrix Spike Dup (2417048-MSD1)				**Source: E404246-03**					Prepared: 04/24/24 Analyzed: 04/25/24
Benzene	5.11	0.0250	5.00	ND	102	54-133	3.23	20	
Ethylbenzene	4.95	0.0250	5.00	ND	99.0	61-133	2.87	20	
Toluene	5.09	0.0250	5.00	ND	102	61-130	3.15	20	
o-Xylene	5.03	0.0250	5.00	ND	101	63-131	2.98	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	2.79	20	
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131	2.85	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.53*		*8.00*		*94.1*	*70-130*			

QC Summary Data

Targa	Project Name:	7067_Red Hills 5 Amine Spill	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	4/29/2024 1:27:29PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2417048-BLK1)									Prepared: 04/24/24 Analyzed: 04/25/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.60*		*8.00*		*82.5*	*70-130*			
LCS (2417048-BS2)									Prepared: 04/24/24 Analyzed: 04/25/24
Gasoline Range Organics (C6-C10)	37.5	20.0	50.0		75.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.64*		*8.00*		*83.0*	*70-130*			
Matrix Spike (2417048-MS2)				**Source: E404246-03**					Prepared: 04/24/24 Analyzed: 04/25/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.47*		*8.00*		*80.9*	*70-130*			
Matrix Spike Dup (2417048-MSD2)				**Source: E404246-03**					Prepared: 04/24/24 Analyzed: 04/25/24
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	ND	87.3	70-130	2.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.64*		*8.00*		*82.9*	*70-130*			

QC Summary Data

Targa	Project Name:	7067_Red Hills 5 Amine Spill	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	4/29/2024 1:27:29PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2417049-BLK1)									Prepared: 04/24/24 Analyzed: 04/24/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.7*		*50.0*		*115*	*50-200*			
LCS (2417049-BS1)									Prepared: 04/24/24 Analyzed: 04/24/24
Diesel Range Organics (C10-C28)	296	25.0	250		119	38-132			
Surrogate: n-Nonane	*58.2*		*50.0*		*116*	*50-200*			
Matrix Spike (2417049-MS1)				**Source: E404246-02**					Prepared: 04/24/24 Analyzed: 04/24/24
Diesel Range Organics (C10-C28)	382	25.0	250	72.7	124	38-132			
Surrogate: n-Nonane	*58.7*		*50.0*		*117*	*50-200*			
Matrix Spike Dup (2417049-MSD1)				**Source: E404246-02**					Prepared: 04/24/24 Analyzed: 04/24/24
Diesel Range Organics (C10-C28)	390	25.0	250	72.7	127	38-132	2.18	20	
Surrogate: n-Nonane	*58.9*		*50.0*		*118*	*50-200*			

QC Summary Data

Targa	Project Name:	7067_Red Hills 5 Amine Spill	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	4/29/2024 1:27:29PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2417045-BLK1)									Prepared: 04/24/24 Analyzed: 04/24/24
Chloride	ND	20.0							
LCS (2417045-BS1)									Prepared: 04/24/24 Analyzed: 04/24/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2417045-MS1)				**Source: E404241-03**					Prepared: 04/24/24 Analyzed: 04/24/24
Chloride	263	20.0	250	ND	105	80-120			
Matrix Spike Dup (2417045-MSD1)				**Source: E404241-03**					Prepared: 04/24/24 Analyzed: 04/24/24
Chloride	264	20.0	250	ND	106	80-120	0.527	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Targa	Project Name:	7067_Red Hills 5 Amine Spill	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	04/29/24 13:27

T17	The sample chromatographic pattern does not resemble the typical fuel standard used for quantitation.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client:	Targa Resources
Project:	7067_ Red Hills S Amine Spill
Project Manager:	Brett Dennis
Address:	2620 W. Marland Blvd.
City, State, Zip:	Hobbs, NM 88240
25-660-7395	
mail:	bdennis@tasman-geo.com; bbastos@tasman-geo.com; lflores@ta
eport due by:	

Bill To

Attention:	Amber Groves
Address:	201 S 4th St.
City, State, Zip:	Artesia, NM
Phone:	
Email:	agroves@targaresources.com
PO Pending	

Lab Use Only

Lab WO#	Job Number
E404246	21102-0001

TAT

1D	2D	3D	Standard
			X

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

ime Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks
10:00	04.23.24	S	1	FL-2 @ 1'	1	X	X			X			
10:10	4.23.24	S	1	W-1A	2	X	X			X			
10:20	4.23.24	S	1	W-2A	3	X	X			X			

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	4.23.24	1236	Michelle Gonzales	4-23-24	1236
Michelle Gonzales	4-23-24	1619		4-23-24	1800
Andrew Mabee	4-23-24	2400		4/24/24	0800

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 4/24/2024 11:50:29AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Targa	Date Received:	04/24/24 08:00	Work Order ID:	E404246
Phone:	(432) 999-8675	Date Logged In:	04/24/24 08:32	Logged In By:	Angelina Pineda
Email:	bdennis@tasman-geo.com	Due Date:	04/30/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

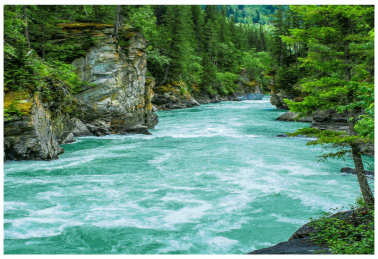
Signature of client authorizing changes to the COC or sample disposition.

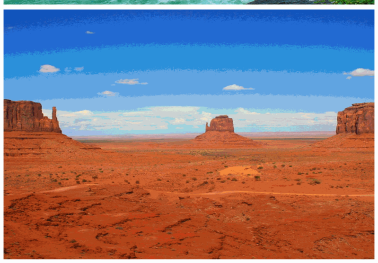
Date

envirotech Inc.

Report to:

Brett Dennis





5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Targa

Project Name:	7067 Red Hills 5
Work Order:	E408145
Job Number:	21102-0001
Received:	8/16/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/19/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 8/19/24

Brett Dennis
12600 WCR 91
Midland, TX 79707

Project Name: 7067 Red Hills 5
Workorder: E408145
Date Received: 8/16/2024 8:00:56AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/16/2024 8:00:56AM, under the Project Name: 7067 Red Hills 5.

The analytical test results summarized in this report with the Project Name: 7067 Red Hills 5 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Targa	Project Name:	7067 Red Hills 5	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	08/19/24 15:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Red Hills Backfill	E408145-01A	Soil	08/14/24	08/16/24	Glass Jar, 4 oz.

Sample Data

Targa	Project Name:	7067 Red Hills 5	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	8/19/2024 3:04:38PM

Red Hills Backfill

E408145-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2433113
Benzene	ND	0.0250	1	08/16/24	08/19/24	
Ethylbenzene	ND	0.0250	1	08/16/24	08/19/24	
Toluene	ND	0.0250	1	08/16/24	08/19/24	
o-Xylene	ND	0.0250	1	08/16/24	08/19/24	
p,m-Xylene	ND	0.0500	1	08/16/24	08/19/24	
Total Xylenes	ND	0.0250	1	08/16/24	08/19/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.8 %*	*70-130*	*08/16/24*	*08/19/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2433113
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/16/24	08/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*08/16/24*	*08/19/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2433105
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/24	08/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/24	08/16/24	
Surrogate: n-Nonane		*98.8 %*	*50-200*	*08/15/24*	*08/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2433112
Chloride	**50.4**	20.0	1	08/16/24	08/16/24	

QC Summary Data

Targa	Project Name:	7067 Red Hills 5	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	8/19/2024 3:04:38PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2433113-BLK1)									Prepared: 08/16/24 Analyzed: 08/16/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.16*		*8.00*		*89.4*	*70-130*			
LCS (2433113-BS1)									Prepared: 08/16/24 Analyzed: 08/16/24
Benzene	5.28	0.0250	5.00		106	70-130			
Ethylbenzene	5.10	0.0250	5.00		102	70-130			
Toluene	5.20	0.0250	5.00		104	70-130			
o-Xylene	5.07	0.0250	5.00		101	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.15*		*8.00*		*89.4*	*70-130*			
Matrix Spike (2433113-MS1)				**Source: E408144-07**					Prepared: 08/16/24 Analyzed: 08/16/24
Benzene	5.10	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	61-133			
Toluene	5.01	0.0250	5.00	ND	100	61-130			
o-Xylene	4.89	0.0250	5.00	ND	97.8	63-131			
p,m-Xylene	9.98	0.0500	10.0	ND	99.8	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.20*		*8.00*		*90.1*	*70-130*			
Matrix Spike Dup (2433113-MSD1)				**Source: E408144-07**					Prepared: 08/16/24 Analyzed: 08/16/24
Benzene	5.14	0.0250	5.00	ND	103	54-133	0.925	20	
Ethylbenzene	4.95	0.0250	5.00	ND	99.1	61-133	0.862	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	0.839	20	
o-Xylene	4.92	0.0250	5.00	ND	98.5	63-131	0.703	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	0.775	20	
Total Xylenes	15.0	0.0250	15.0	ND	99.9	63-131	0.752	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.14*		*8.00*		*89.2*	*70-130*			

QC Summary Data

Targa	Project Name:	7067 Red Hills 5	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	8/19/2024 3:04:38PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2433113-BLK1)									Prepared: 08/16/24 Analyzed: 08/16/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.55*		*8.00*		*94.3*	*70-130*			
LCS (2433113-BS2)									Prepared: 08/16/24 Analyzed: 08/16/24
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.68*		*8.00*		*96.0*	*70-130*			
Matrix Spike (2433113-MS2)				**Source: E408144-07**					Prepared: 08/16/24 Analyzed: 08/16/24
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0	ND	91.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.63*		*8.00*		*95.3*	*70-130*			
Matrix Spike Dup (2433113-MSD2)				**Source: E408144-07**					Prepared: 08/16/24 Analyzed: 08/16/24
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.1	70-130	0.166	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.66*		*8.00*		*95.7*	*70-130*			

QC Summary Data

Targa	Project Name:	7067 Red Hills 5	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	8/19/2024 3:04:38PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2433105-BLK1)									Prepared: 08/15/24 Analyzed: 08/16/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.0*		*50.0*		*114*	*50-200*			
LCS (2433105-BS1)									Prepared: 08/15/24 Analyzed: 08/16/24
Diesel Range Organics (C10-C28)	237	25.0	250		94.6	38-132			
Surrogate: n-Nonane	*56.5*		*50.0*		*113*	*50-200*			
Matrix Spike (2433105-MS1)				**Source: E408144-06**					Prepared: 08/15/24 Analyzed: 08/16/24
Diesel Range Organics (C10-C28)	225	25.0	250	ND	90.1	38-132			
Surrogate: n-Nonane	*48.1*		*50.0*		*96.2*	*50-200*			
Matrix Spike Dup (2433105-MSD1)				**Source: E408144-06**					Prepared: 08/15/24 Analyzed: 08/16/24
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132	10.4	20	
Surrogate: n-Nonane	*60.7*		*50.0*		*121*	*50-200*			

QC Summary Data

Targa	Project Name:	7067 Red Hills 5	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	8/19/2024 3:04:38PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2433112-BLK1)									Prepared: 08/16/24 Analyzed: 08/16/24
Chloride	ND	20.0							
LCS (2433112-BS1)									Prepared: 08/16/24 Analyzed: 08/16/24
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2433112-MS1)				**Source: E408143-01**					Prepared: 08/16/24 Analyzed: 08/16/24
Chloride	311	20.0	250	55.2	102	80-120			
Matrix Spike Dup (2433112-MSD1)				**Source: E408143-01**					Prepared: 08/16/24 Analyzed: 08/16/24
Chloride	317	20.0	250	55.2	105	80-120	1.94	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Targa	Project Name:	7067 Red Hills 5	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	08/19/24 15:04

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client:	Targa Resources
Project:	7067 Red Hills 5
Project Manager:	Brett Dennis
Address:	2620 W. Marland Blvd.
City, State, Zip:	Hobbs, NM 88240
	325-660-7395
Email:	bdennis@tasman-geo.com; bbastos@tasman-geo.com; lflores@ta
Report due by:	

Bill To

Attention:	Amber Groves
Address:	201 S 4th St.
City, State, Zip:	Artesia, NM
Phone:	
Email:	agroves@targaresources.com
	PO Pending

Lab Use Only

Lab WO#	Job Number
E408145	21102-0001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks
9:40	8.14.24	S	1	Red Hills Backfill	1	X	X			X			

Analysis and Method

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/14/2024	11:52	Michelle Gonzales	8-15-24	1152
Michelle Gonzales	8-15-24	2240		8-16-24	0800

Lab Use Only
Received on ice: (Y)/ N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 8/16/2024 8:46:53AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Targa	Date Received:	08/16/24 08:00	Work Order ID:	E408145
Phone:	(432) 999-8675	Date Logged In:	08/15/24 15:38	Logged In By:	Noe Soto
Email:	bdennis@tasman-geo.com	Due Date:	08/19/24 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Sampled by name is missing on COC by client.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

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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 379693

QUESTIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 379693
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2404624980**
Incident Name	**NAPP2404624980 RED HILLS PLANT - RED HILLS 5 TRAIN @ 0**
Incident Type	**Release Other**
Incident Status	**Reclamation Report Received**
Incident Facility	**[fAPP2123031392] TARGA NORTHERN DELAWARE, LLC.**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Red Hills Plant - Red Hills 5 Train
Date Release Discovered	02/14/2024
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	Cause: Equipment Failure | Gas Plant | Chemical (Specify) | Released: 16 BBL | Recovered: 0 BBL | Lost: 16 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	50% spent amine/water solution

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QUESTIONS (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 379693
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 08/30/2024

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QUESTIONS (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 379693
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	33
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	468
GRO+DRO (EPA SW-846 Method 8015M)	468
BTEX (EPA SW-846 Method 8021B or 8260B)	3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.2
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	04/04/2024
On what date will (or did) the final sampling or liner inspection occur	05/31/2024
On what date will (or was) the remediation complete(d)	08/01/2024
What is the estimated surface area (in square feet) that will be reclaimed	136
What is the estimated volume (in cubic yards) that will be reclaimed	12
What is the estimated surface area (in square feet) that will be remediated	136
What is the estimated volume (in cubic yards) that will be remediated	12
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 379693
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 08/30/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 379693
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 379693
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**330802**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/10/2024**
What was the (estimated) number of samples that were to be gathered	**6**
What was the sampling surface area in square feet	**270**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	136
What was the total volume (cubic yards) remediated	12
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	136
What was the total volume (in cubic yards) reclaimed	12
Summarize any additional remediation activities not included by answers (above)	Please see the attached closure report for more information. Targa is respectfully requesting a variance for all seeding as this release occurred and is contained on pad inside a natural gas processing facility.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 08/30/2024

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

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

QUESTIONS (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 379693
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	136
What was the total volume of replacement material (in cubic yards) for this site	12
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	09/01/2050
Summarize any additional reclamation activities not included by answers (above)	Targa is respectfully requesting deferral of revegetation requirements. This release is contained on pad within a natural gas processing facility that is still in use.
The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 08/30/2024

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QUESTIONS (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 379693
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

Action 379693

CONDITIONS

Operator:	OGRID:
Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	331548
	Action Number: 379693
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	11/4/2024