# **LEAK #150**Remediation Action Plan

NMOCD Incident No. nAPP2335641154 UL "I", Sec. 19, T19S, R37E 32.283345°, -104.283345° Lea County, New Mexico

August 13, 2024



#### PREPARED ON BEHALF OF

Targa Resources 201 South 4<sup>th</sup> Street Artesia, NM 88210



#### **PREPARED BY**

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





August 13, 2024

Targa Resources 201 South 4<sup>th</sup> Street Artesia, NM 88210

Attn: Ms. Amber Groves

Email: agroves@targaresources.com

Re: Remediation Action Plan

Leak #150

UL "I", Section 19, Township 19 South, Range 37 East

Lea County, New Mexico

NMOCD Incident No. nAPP2335641154

Tasman Project No. 6844

Dear Ms. Groves,

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

Tasman conducted initial assessment activities, identifying an approximately 31,383-square foot area that had been impacted by the release. The release area was then vertically and horizontally delineated. Based on laboratory analytical results from soil samples collected during confirmation sampling activities, impacted soil within the release area has been delineated to the applicable NMOCD Action Levels. Additional project details are provided in the attached Remediation Action Plan.

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
<a href="mailto:knorman@tasman-geo.com">knorman@tasman-geo.com</a>



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#### 1.0 INTRODUCTION

Tasman, Inc. (Tasman) is pleased to submit this Remediation Action Plan for Leak #150 (site) on behalf of Targa Resources (Targa), documenting the results of field activities conducted in response to a release of natural gas and natural gas condensate to environmental media.

# 1.1 Site Description

The site is located in Unit Letter "I" of Section 19, Township 19 South, Range 37 East in Lea County, New Mexico. The release occurred due to internal corrosion of a 12-inch diameter steel gas gathering pipeline. The release occurred on New Mexico State Trust Land. A site location map can be found attached as Figure 1.

# 1.2 Release Detail and Initial Response

On December 21, 2023, the gas gathering pipeline was discovered by Targa personnel to have failed due to internal corrosion. A Notification of Release (NOR) was provided to the New Mexico Oil Conservation District (NMOCD) via online portal on December 22, 2023. The release resulted in the release of 380 barrels (bbls) of natural gas condensate and 36 thousand cubic feet (mcf) of natural gas to the surrounding environmental media. Targa personnel shut in the pipeline to isolate the release. The line was later repaired and returned to service. Approximately 15 bbls of natural gas condensate was recovered during the initial leak response.

On January 3, 2024, Targa submitted the initial form C-141 to NMOCD through the online portal. 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. During activities at the site an irrigation well was identified approximately 240 feet from the nearest point of the release area. The well is assumed to be NMOSE POD L-10277. On July 29, 2024, Tasman personnel measured depth to groundwater in the irrigation well at 27.96 feet below ground surface (bgs).

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. The irrigation well is also shown on Figure 5.

#### 2.2 Karst Potential

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 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 is an irrigation well was identified approximately 240 feet from the nearest point of the release area. The well is assumed to be NMOSE POD L-10277 and used to fill the pond discussed in the following section. The location of this well is shown on the attached Figure 1 and Figure 5.

#### 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 release traveled down surface gradient into a pond utilized for livestock watering. Fencing has been erected to prevent livestock from accessing the pond. The pond was also dewatered so that delineation activities could take place. According to the National Wetland Inventory Map the release area also overlies riverine features. The nearest major continuous water course was identified as Old Lake, located approximately 4.8 miles from the site. The wetlands are illustrated on the attached Figure 1, Old Lake is illustrated on the attached Figure 3, and the pond can be seen on the aerial imagery included on Figure 5

# 2.5 100-year Floodplain

Review of flood map data published by the Federal Emergency Management Agency (FEMA) indicates the site is not located 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 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:	27 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 an unstable area?	☐ Yes	☑ No	
Within a 100-year floodplain?	☐ Yes	☑ No	

#### 3.0 REMEDIATION AND ASSESSMENT 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. Based on site characteristics described in Section 2.0, the NMOCD Action Levels for a site with a depth to groundwater of less than 50 feet bgs were utilized; these Action Levels are as follows:

Constituent	Action Level
Chloride	600 mg/kg
TPH (GRO+DRO+MRO)	100 mg/kg
TPH (GRO+DRO)	N/A
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

#### 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 RELEASE ASSESSMENT

On June 12 – 13, 2024, Tasman was retained by Targa to assess the release of natural gas and natural gas condensate at the site. Initial observations indicated a release area of approximately 31,383 square feet (ft²). A photographic log of the release area is included as Appendix C. Tasman advanced 17 vertical delineation trenches (referred to as verticals) via heavy equipment to delineate the release area laterally and horizontally. Verticals V-1 through V-8 were advanced within the apparent release area and the remaining verticals were advanced outside of the release area. Verticals were advanced to either eight feet or encountering restrictive materials, which ever occurred first. Terminal depths varied from two to eight feet bgs.

The attached Figure 5 illustrates the observed release area and location of vertical delineation trenches.

# 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) 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 8015D.
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) EPA Method 8260.

#### 4.3 Release Assessment Data Evaluation

Concentrations of TPH exceeded the NMOCD Action Level in soil samples collected from 11 of the 17 verticals advanced at the site. Detected concentrations of TPH ranged from 52.4 milligrams per kilogram (mg/kg) in the soil sample V-15 at 2 feet bgs to 100,900 mg/kg in soil sample V-10 at 6 feet bgs.

Benzene and total BTEX were detected at concentrations greater than the laboratory reported detection limit (RDL) but below the applicable NMOCD Action Levels. Detected concentrations of benzene ranged from 0.133 mg/kg in soil sample V-5 at 6 feet bgs to 0.895 mg/kg in soil sample B-9 at 2 feet bgs. Detected concentrations of total BTEX ranged from 0.0275 mg/kg in soil sample B-2 at 6 feet bgs to 18.2 mg/kg in soil sample V-5 at 6 feet bgs.

Concentrations of chlorides exceeded the NMOCD Action Level in soil samples collected from 3 of the 17 verticals advanced at the site. Detected concentrations of chlorides ranged from 23.9 mg/kg in soil sample V-3 at 4 feet bgs to 3,680 mg/kg in soil sample V-10 at 6 feet bgs.

Analytical results are summarized on Table 1 and laboratory analytical results are included as Appendix D. Vertical delineation trench locations are illustrated on Figure 5.

#### 5.0 PROPOSED REMEDIAL ACTIONS

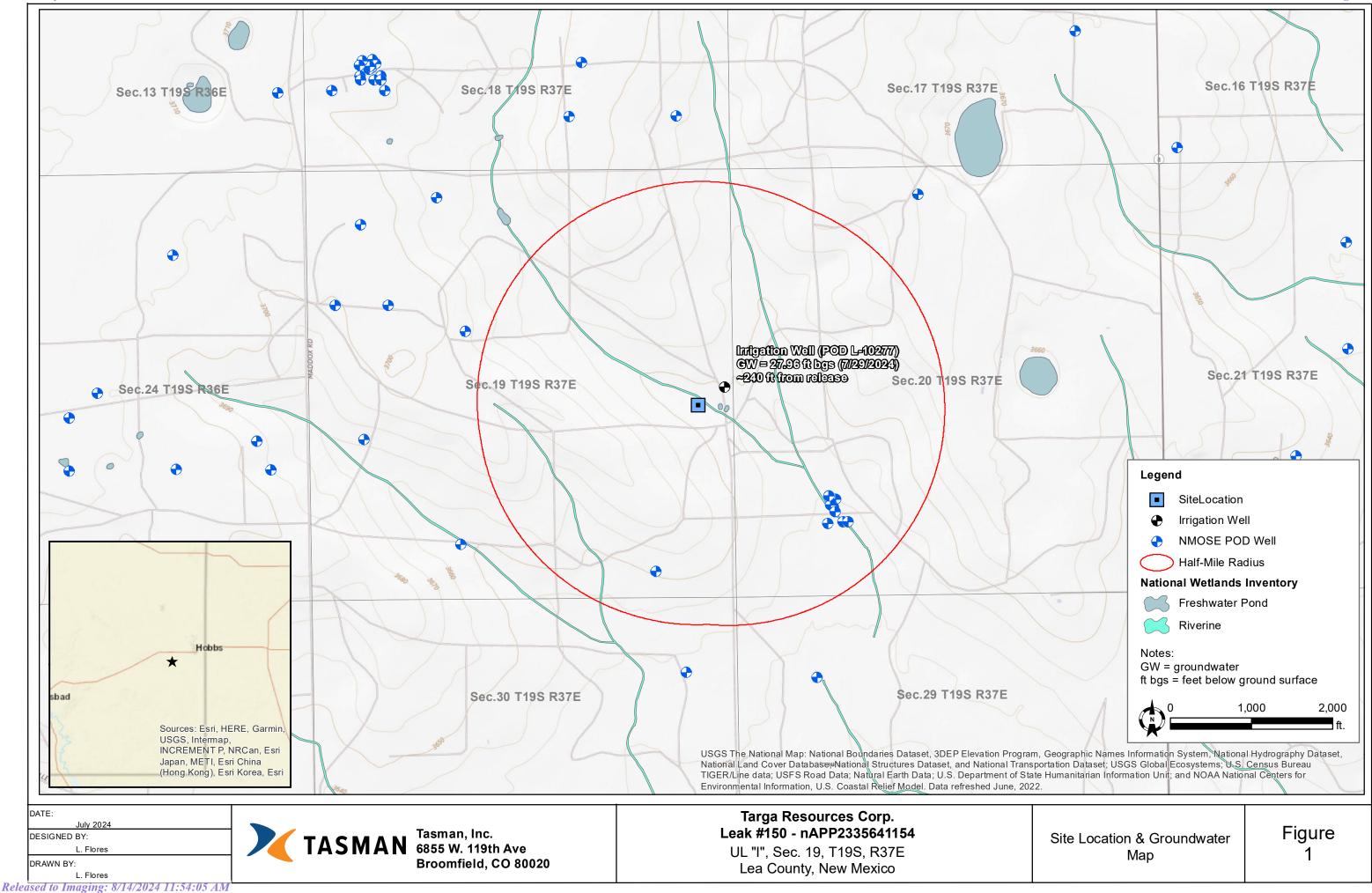
Vertical delineation of TPH impacts were not achieved at verticals V-1, V-2, V-5, V-7 through V-10, and V-17 and chloride impacts at verticals V-8 through V-10. Horizontal delineation of TPH impacts were not achieved at verticals V-1, V-9, V-10, and V-17 and chloride impacts at verticals V-9 and V-10.

Tasman proposes to remediate the site using physical removal of soil within the areas surrounding verticals demonstrated by laboratory data to contain concentrations of chemicals of concern greater than NMOCD Action Levels. Full delineation of chemicals of concern will be addressed and documented by confirmation soil samples collected from floors and sidewalls of the remedial excavation. The estimated excavation extent is shown on Figure 5. Excavated soil will be staged on-site atop a polyethylene liner pending transportation under manifest to an NMOCD approved disposal facility. The proposed remediation activities are anticipated to be completed within 60 days of NMOCD approval of this Remediation Action Plan.

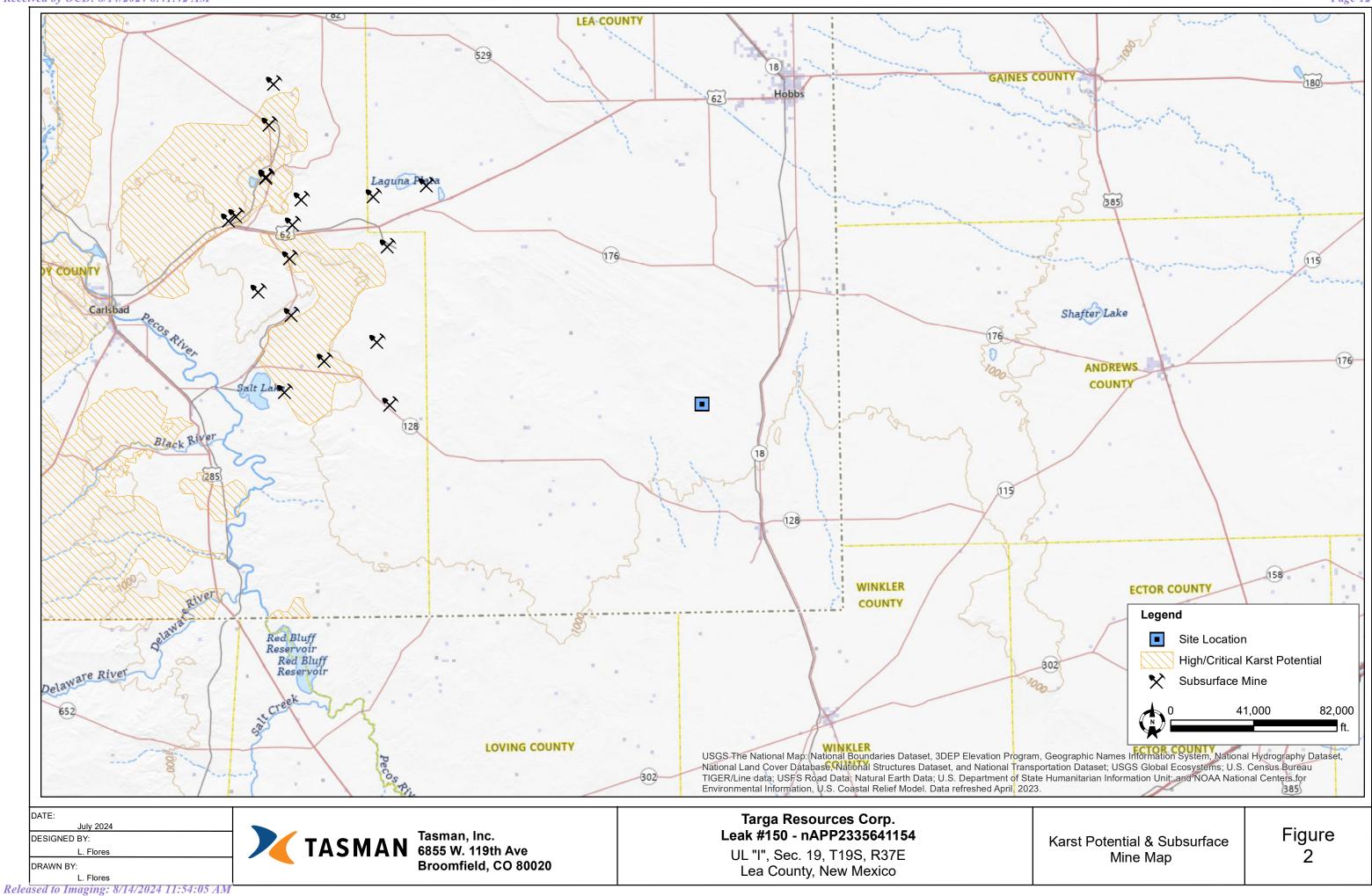
Once field data indicates that the release area has been remediated to NMOCD requirements established in Section 3.0, Tasman will collect five-point confirmation samples from the base and sidewalls of the excavation. The collected confirmation samples will represent an area no greater than 400 ft<sup>2</sup>. Confirmation sampling activities and laboratory analysis will be conducted as described in Sections 4.1 and 4.2.

**Figures** 

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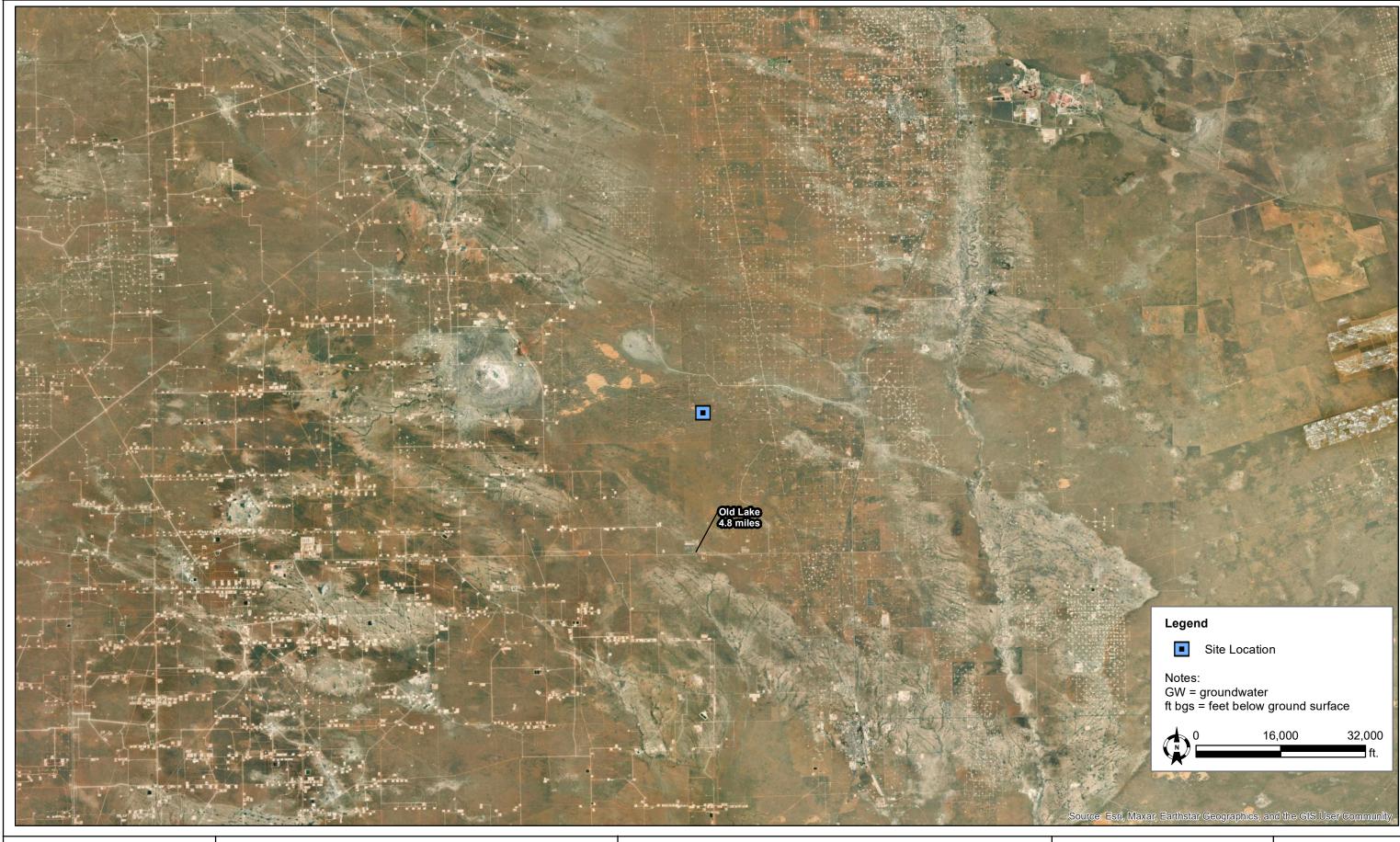


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DATE:

July 2024

DESIGNED BY:

L. Flores

DRAWN BY:

L. Flores

Released to Imaging: 8/14/2024 11:54:05 AM

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

Targa Resources Corp. Leak #150 - nAPP2335641154

UL "I", Sec. 19, T19S, R37E Lea County, New Mexico Surface Water Map

Figure 3

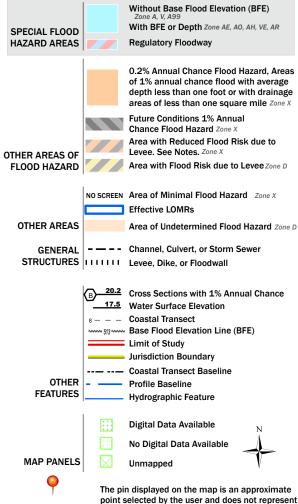
# Received by OCD: 8/14/2024 8:41:42 AM National Flood Hazard Layer FIRMette



Legend

Figure 4

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

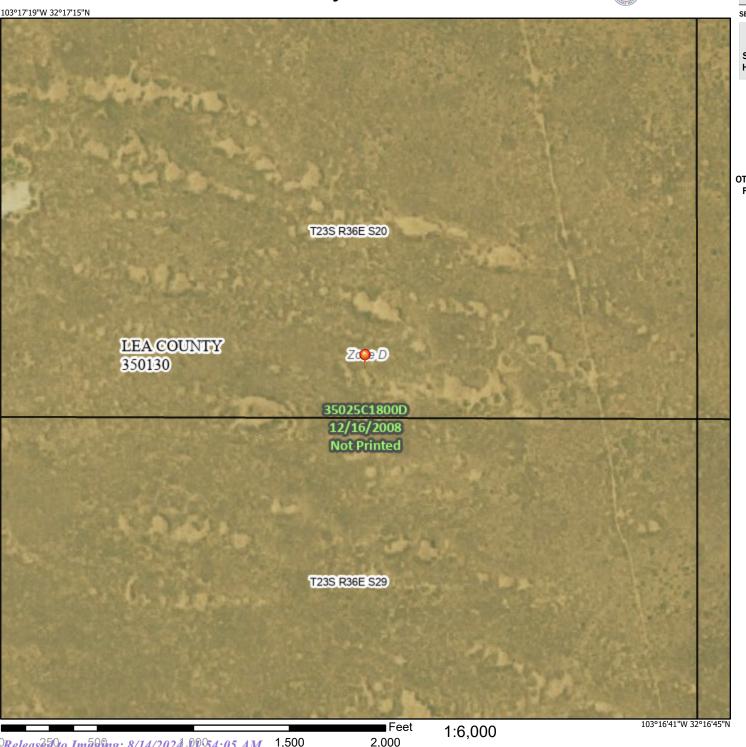


This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/12/2024 at 6:23 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.



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DESIGNED BY: B. Dennis DRAWN BY:



Leak #150 - nAPP2335641154

UL "I", Sec. 19, T19S, R37E Lea County, New Mexico

**Delineation Overview** 

Figure

**Table** 

#### TABLE 1 - SOIL ANALYTICAL SUMMARY - DELINEATION SOIL SAMPLES Targa Resources Leak #150

#### NMOCD Incident No. nAPP2335641154

Semple   Depth   Dept		Sample		Soil	PID	Field Chloride	Benzene	Total BTEX <sup>1</sup>		TPH <sup>2</sup> (	mg/kg)		Chloride <sup>3</sup>
V-1   2	Sample ID		Sample Date						GRO			TOTAL	
V-1   F		Surface - 6"											
Section   Color   Co	V-1		6/13/2024										
V-2   2													
V-2   2													
V-2													
No.   No.	V-2	4'	6/12/2024			168	-						
Suffice of   1.5													
V-3   2"   6/12/2024   In-State   1.594   1.417   NO   10.55   177   7.620   NO   NO   NO   23.3		_								·			
March   Marc	V 2		6/12/2024										
V-4   2	V-3		6/12/2024										
V-4   2													
V-1									75.1	2,950			ND
V-5   C	V-4		6/12/2024	In-Situ		151							
V-5		6'		In-Situ	113	142	ND	0.0965	ND	221	93.1	314	ND
V-Formula   V-Fo		Surface - 6"		In-Situ	0.5	1745							
No.   1.500   1.523   2.33   No.   1.54.4   260   3.54.20   No.   1.0000   269	V 5	2'	6/12/2024	In-Situ	0.2	1149							
Surface - 6'   Point   Point	V-5		6/15/2024	In-Situ	1,323			14.4	260	9,820		10,080	
V-6   2'   6/12/2024   6'58tu   153   1,027							0.133	18.2	362				422
V-Part   Part   V-Part   V-P													
No.   No.	V-6		6/12/2024										
V-7   V-7	''		.,,										
V-7		_											
V-8								<u> </u>					
Surface - 6"   In-Situ   1,343   389   ND   ND   ND   ND   53.4   196   249   ND	V-7		6/12/2024										
V-8   2			-										
V-8   2'	-												
Surface - 6"   In-Stu   1,542   1,155   ND   ND   ND   16,300   8,550   24,850   1,710	V.0		6/12/2024										
V-9   2	V-8		6/12/2024										
V-9			"										
V-10		-											
Surface - 6"   In-Situ   1.2   150   <0.0250   14.5   278   41,900   20,900   63,078   1,320	V-9		6/13/2024										
V-10							<0.0250	14.5	278	41,900	20,900	63,078	1,320
V-10		Surface - 6"		In-Situ		231							
No.   No.		2'	6/13/2024	In-Situ		199	ND	ND	ND	323	696	1,019	598
N-11   Surface - 6"   2"   6/13/2024   In-Situ   0.77   153	V-10	4'	6/13/2024	In-Situ	2.4	122							
V-11		6'		In-Situ	1.4	145	ND	0.425	ND	63,500	37,400	100,900	3,680
V-12		Surface - 6"		In-Situ	0.7	153							
No	V-11		6/13/2024				ND	ND			59.5		
V-12   V-12   V-12   V-13   Surface - 6"   C   C   C   C   C   C   C   C   C	'		0,13,202										
V-12								<u> </u>					
V-12													
No.   No.	V-12		6/13/2024					1					
V-13   Surface - 6"   6/12/2024   In-Situ   3.7   202													
V-13	-	_						-					
V-14   Surface - 6"   G/13/2024   In-Situ   D.3   254	V-13		6/12/2024										
V-14   2'   6/13/2024   In-Situ   21.9   367   ND   ND   ND   ND   ND   ND   ND   N	<b>—</b>												
V-15	V-14		6/13/2024										
V-15   Surface - 6"   2'   4'   6/13/2024   In-Situ   0.5   87	'		0/13/2024										
V-15   2'   4'   6/13/2024   In-Situ   1.5   211   ND   ND   ND   ND   S2.4   52.4   109													
V-15   4'   6'   6'/13/2024   In-Situ   0.9   148													
V-16   Surface - 6"   Company   In-Situ   O.4   148   ND   ND   ND   ND   ND   ND   ND   N	V-15		6/13/2024										
V-16   2'   4'   6/12/2024   In-Situ   0.3   91		6'				148	ND	ND	ND	ND	ND	ND	115
V-16   2'   4'   6/12/2024   In-Situ   0.3   91	V 16	Surface - 6"		In-Situ	0.3	85							
A   In-Situ   1.4   150 ND			6/12/2024	In-Situ		91							
V-17	A-19		6/12/2024		1.4								
V-17				In-Situ	0.7	88	ND	ND	ND	ND	ND	ND	ND
V-1/ 4' 6' In-Situ 0.7 149	I	Surface - 6"		In-Situ		207							
4' In-Situ 0.7 149	V-17		6/12/2024					1					
NMOCD Remediation and Delineation Standards (Applicable for soils greater than 4 ft. below grade surface)  N/A  N/A  N/A  10  50  N/A  100  600	"		-,, 202 /										
(Applicable for soils greater than 4 ft. below grade surface) N/A N/A 10 30 N/A 100 600					7.0	144	ND	ND	ND	232	398	630	153
(Applicable for soils greater than 4 π. below grade surface)					N/A	N/A	10	50		N/A		100	600
		for soils greater t	han 4 ft. below gr	ade surface)									

- BTEX = Benzene, toluene, ethylbenzene, and total xylenes by EPA method 8260
   TPH = Total petroleum hydrocarbons analyzed by method EPA 8015D (GRO/DRO)
- 3. Chloride Analyzed by EPA method 300
- $4.\ New\ Mexico\ Oil\ Conservation\ Division\ (NMOCD)\ Remediation\ and\ Delineation\ Standards\ (NMAC\ 19.15.29.12(N))$
- ND = Analyte was not detected above the laboratory RDL N/A = Not applicable
- **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 reporting limit (RDL)
- Ft. = feet

Appendix A – Initial Form C-141 and NMOCD Correspondence

Enter data in shaded fields to calculate	gas volumes released	due to leak and blowdown of system.
Hours of leak =	3	Example:
Diameter of hole (inches) =	0.5	Leak for 4 (est) hours out of a 1/4 inch hole with line presure of 750 psig
Upstream Pressure =	22	
	Volume of gas (mcf/hr)	loss is equal to the hole diameter squared times the upstream pressure absolute. *
Volume of Gas Leaked =	27.53 Mcf	
Footage of Pipe blowndown =	4224	
Initial line pressure =	22	Calculated factor for line pack = 1.961
Diameter of Pipe (inches) =	12	
		Example:
Volume of Gas BlownDown =	8.28 Mcf	Loss of gas due to blowdown of 7 miles of 12 inch at initial pressure 51 psig
		Reportable 50 Mcf
		Immediate Notification 500 Mcf
Total Volume of Gas Loss =	35.81 Mcf	
Comments:		
Name: Amber Groves	Title:	Sr. Environmental Specialist
	•	
* Pipeline Rules of Thumb Handbook /2nd Edition		



### **Spill to Land Volume Estimation Calculator**

First, answer the two questions to the right regarding site conditions. Then enter information in the calculator for the shape that best represents the spill.

Clear All

Circular Shape Spill				
Enter Diameter (ft)				
Enter Average Depth of Liquid Pool (in)				
Enter the percentage of the circle that				
is covered by the spill				
Select Viscosity Dependent Parameter				
Is the Average Depth of Liquid				
Penetration known?				
If known, enter Average Depth of Liquid Penetration Into Soil (in)				
Select Surface Type	Gravel			
Estimated Spill Volume (bbls)				
Estimated Spill Volume (gals)				

Does the spill area have a high slope? No Is the s
--

# Is the spill area wet from rain?

#### Square or Rectangular Shape spill

Enter Length (ft)	500
Enter Width (ft)	300
Enter Average Depth of Liquid Pool (in)	0.33
Enter the percentage of the rectangle	
that is covered by the spill	50%
	High (ex. Light fuel
Select Viscosity Dependent Parameter	oils)
Is the Average Depth of Liquid	
Penetration known?	No
If known, enter Average Depth of Liquid Penetration Into Soil (in)	
Select Surface Type	
Estimated Spill Volume (bbls)	380.0
Estimated Spill Volume (gals)	16000.0

Oval Shape Spill	

Enter Length of Short Side (ft)	
Enter Length of Long Side(ft)	
Enter Average Depth of Liquid Pool	
(in)	
Enter the percentage of the oval	
that is covered by the spill	
Select Viscosity Dependent	
Parameter	
Is the Average Depth of Liquid	
Penetration known?	
If known, enter Average Depth of	
Liquid Penetration Into Soil (in)	
Select Surface Type	
Estimated Spill Volume (bbls)	
Estimated Spill Volume (gals)	

#### Irregular Shape Spill

Choose number of Rectangles	
-----------------------------	--

Rectangle 1	
Enter Length (ft)	
Enter Width (ft)	
Enter the percentage of the rectangle	
that is covered by the spill	
Enter Average Depth of Liquid Pool (in)	
Select Viscosity Dependent Parameter	
Is the Average Depth of Liquid	
Penetration known?	
If known, enter Average Depth of	
Liquid Penetration Into Soil (in)	
Select Surface Type	
Estimated Spill Volume of Rectangle	
(bbls)	
Estimated Spill Volume of Rectangle	
(gals)	

Total Estimated Spill Volume (bbls)	
Total Estimated Spill Volume (gals)	

For Irregular shape spills, divide the shape into rectangles that roughly encompass the spill area. For more information see Notes Tab.

<u>District I</u> 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

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

Action 299075

#### **QUESTIONS**

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC	24650
811 Louisiana Street	Action Number:
Houston, TX 77002	299075
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

#### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2335641154
Incident Name	NAPP2335641154 LEAK #150 @ 0
Incident Type	Natural Gas Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2123021777] Targa NM Gathering System

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Leak #150
Date Release Discovered	12/21/2023
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Natural Gas Release
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 fo	or 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	Cause: Corrosion   Pipeline (Any)   Condensate   Released: 380 BBL   Recovered: 15 BBL   Lost: 365 BBL.
Natural Gas Vented (Mcf) Details	Cause: Corrosion   Pipeline (Any)   Natural Gas Vented   Released: 36 Mcf   Recovered: 0 Mcf   Lost: 36 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

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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, Page 2

Action 299075

QUESTI	ONS (continued)	
Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002		OGRID:
QUESTIONS		
Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied vo	lumes 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 re (1) an unauthorized rele	elease" determine using: ase 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.	e. gas only) are to be submitted on th	e C-129 form.
Initial Response  The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injui	ry.
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 remedi actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ted or if the release occurred within a	lined containment area (see Subparagraph (a) of Paragraph (5) of
I hereby certify that the information given above is true and complete to the best of my to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to awater, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	ases which may endanger public adequately investigate and reme	health or the environment. The acceptance of a C-141 report by diate contamination that pose a threat to groundwater, surface
I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialis Email: agroves@targaresour	

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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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, Page 3

Action 299075

QUESTIONS (continued)
-----------------------

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC	24650
811 Louisiana Street	Action Number:
Houston, TX 77002	299075
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

#### 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)	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.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

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 plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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

CONDITIONS

Action 299075

#### CONDITIONS

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC	24650
811 Louisiana Street	Action Number:
Houston, TX 77002	299075
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

#### CONDITIONS

Created By		Condition Date
scwells	None	1/3/2024

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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 297297

#### **QUESTIONS**

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC	24650
811 Louisiana Street	Action Number:
Houston, TX 77002	297297
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### QUESTIONS

Location of Release Source		
Please answer all the questions in this group.		
Site Name	Leak #150	
Date Release Discovered	12/21/2023	
Surface Owner	State	

Incident Details		
Please answer all the questions in this group.		
Incident Type	Natural Gas Release	
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	Cause: Corrosion   Pipeline (Any)   Condensate   Released: 0 BBL (Unknown Released Amount)   Recovered: 0 BBL   Lost: 0 BBL.	
Natural Gas Vented (Mcf) Details	Cause: Corrosion   Pipeline (Any)   Natural Gas Vented   Released: 36 Mcf   Recovered: 0 Mc   Lost: 36 Mcf.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Release volumes are currently being calculated and will be finalized and put on the initial C-141 submittal.	

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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, Page 2

Action 297297

**QUESTIONS** (continued)

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC	24650
811 Louisiana Street	Action Number:
Houston, TX 77002	297297
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### QUESTIONS

Nature and Volume of Release (continued)		
No, according to supplied volumes this does not appear to be a "gas only" report.		
Yes		
From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.		

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 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.

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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** 

ACKNOWLEDGMENTS

Action 297297

#### **ACKNOWLEDGMENTS**

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC	24650
811 Louisiana Street	Action Number:
Houston, TX 77002	297297
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### **ACKNOWLEDGMENTS**

V	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.	
V	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.	
✓	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.	
✓	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.	
V	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.	
V	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.	

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

CONDITIONS

Action 297297

#### **CONDITIONS**

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC	24650
811 Louisiana Street	Action Number:
Houston, TX 77002	297297
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### CONDITIONS

l	Created By	Condition	Condition Date
	amberg	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	12/22/2023

Appendix B – Depth to Groundwater Information



# STATE ENGINEER OFFICE WELL RECORD

			Section 1.	GENERAL II	NFORMATION	$\mathbf{r}$	.–10 <b>,</b> 277	
	well						Owner's Well Neplacem	
							for live	
Well was drilled	l under Permit	No L-1	10,277		and is located	in the:		
						19 S Rang	37 💆	
b. Tract	No	of Map No.		of the				
c. Lot N Subdi	O	of Block No.	LEA	of the			<b>1</b>	
					·	_		
					M. Coordinate	System		
(B) Drilling C	Contractor	N	L. VAN NOY			License No	WD-208	
	•		•					
						cable		
Elevation of lar				at wel	l is	_ ft. Total depth o		
Completed well	lis XXX s	hallow 🗆 a	artesian.		Depth to water	upon completion c	of well	
<del></del>	·	<del></del>		IPAL WATER	R-BEARING ST	TRATA	· · · · · · · · · · · · · · · · · · ·	
Depth i	in Feet To	Thickness in Feet	De	escription of \	Water-Bearing F	Formation	Estimated Yie (gallons per mir	
40	70	30	wa	ter beari	ng sand			
		-					<del></del>	
						ł		
<u> </u>		J	Coation	2 BECORD	OF CACING			
Diameter	Pounds	Threads		Section 3. RECORD OF CASING  Depth in Feet Length		Type of Shoe	Perfora	
(inches)	per foot	per in.	Top	Bottom	(feet)	Type of shoe	From	
5"	PAC		0	70			25	
						<u>.</u>		
			ļ	·		e <sup>c</sup>		
		Secti	on 4. RECORI	D OF MUDDI	NG AND CEM	ENTING	<del></del>	
Depth i From		Hole Diameter	Sacks of Muc	Cu	Cubic Feet		Method of Placement	
FIOM	То	Diameter	OI MUC	ı or	Cement			
	<del></del>							
							·	
			Section	5. PLUGGIN	C DECOPD	.*		
Plugging Contra	ctor				G VECOKD	ومهدان المحاد		
Address Plugging Metho			·		No.	Depth in Fe		
тавына мени						Top I	Bottom of C	
Date Well Plugg	ed							
Date Well Plugg	ed			. <del>.</del>	2	<del>-</del>	<del></del>	
Date Well Plugg	ed	·	ineer Represen	tatīve	2 3 4			
Date Well Plugg Plugging approv	eded by:	State Eng	ineer Represen		3	y 5	11529	
Date Well Plugg Plugging approv	ed	State Eng	ineer Represen	F STATE EN	GINEER ONL		11529	
Date Well Plugg Plugging approv Date Received	July 24	State Eng , 1992	ineer Represen	F STATE EN Quad	GINEER ONL	FWL	FSL	
Pate Well Plugg	July 24	State Eng , 1992	ineer Represen	F STATE EN	GINEER ONL	FWL		

ed by OCD: 8/14	4/2024 8:41:42	2 AM	Section 6. LOG OF HOLE	Page 31
Depth	in Feet	Thickness	Color and Time of Material Engagement	
From	То	in Feet	Color and Type of Material Encountered	
0	55	5	top soil	
5	20	\$ 30	caliche	
20	40	120 6	sandy shale	
40	70	30	water bearing sand	
70			red bed	
<del></del>				
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Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

of the State Engine

'n should be exemuted in triplicate, preferably typewritten, and mitted section 5, shall be answered as completely accurate drilled, repaired or deer ned. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

possible when any well is

Appendix C – Photographic Log

# **Targa Resources**

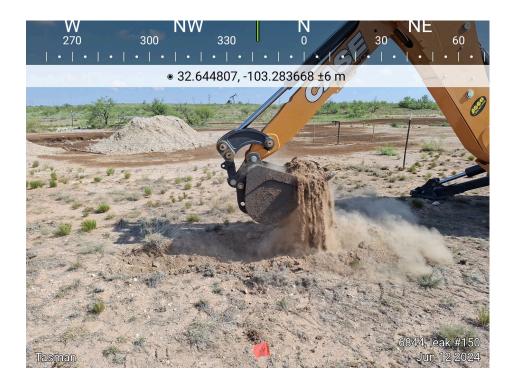
# Leak #150





# **Targa Resources**

#### Leak #150





### **Targa Resources**

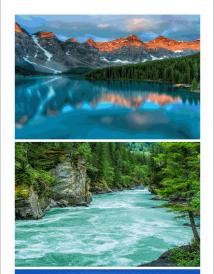
#### Leak #150





**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: 6844\_Leak 150

Work Order: E406148

Job Number: 21102-0001

Received: 6/17/2024

Revision: 4

Report Reviewed By:

Walter Hinchman Laboratory Director 7/17/24

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: 7/17/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 6844\_Leak 150

Workorder: E406148

Date Received: 6/17/2024 10:00:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/17/2024 10:00:00AM, under the Project Name: 6844 Leak 150.

The analytical test results summarized in this report with the Project Name: 6844\_Leak 150 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

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 Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



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### **Sample Summary**

Γ	Targa	Project Name:	6844_Leak 150	Donoutoda
١	12600 WCR 91	Project Number:	21102-0001	Reported:
l	Midland TX, 79707	Project Manager:	Brett Dennis	07/17/24 13:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-1 @ 0-0.5'	E406148-01A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-1 @ 2'	E406148-02A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-1 @ 4'	E406148-03A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-1 @ 6'	E406148-04A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-2 @ 0-0.5'	E406148-05A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-2 @ 2'	E406148-06A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-2 @ 4'	E406148-07A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-2 @ 6'	E406148-08A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-2 @ 8'	E406148-09A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-3 @ 0-0.5'	E406148-10A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-3 @ 2'	E406148-11A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-3 @ 4'	E406148-12A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-4 @ 0-0.5'	E406148-13A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-4 @ 2'	E406148-14A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-4 @ 4'	E406148-15A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-4 @ 6'	E406148-16A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-5 @ 0-0.5'	E406148-17A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-5 @ 2'	E406148-18A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-5 @ 4'	E406148-19A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-5 @ 6'	E406148-20A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:28:40PM

V-1 @ 4' E406148-03

		E400140-03					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Lillit	Diit	шин	Frepareu	Allalyzeu	ivotes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2425013
Benzene	ND	0.0250		1	06/17/24	06/18/24	
Ethylbenzene	ND	0.0250		1	06/17/24	06/18/24	
Toluene	ND	0.0250		1	06/17/24	06/18/24	
o-Xylene	ND	0.0250		1	06/17/24	06/18/24	
p,m-Xylene	ND	0.0500		1	06/17/24	06/18/24	
Total Xylenes	ND	0.0250		1	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		97.7 %	70-130		06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		06/17/24	06/18/24	
Surrogate: Toluene-d8		99.5 %	70-130		06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2425013
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		97.7 %	70-130		06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		06/17/24	06/18/24	
Surrogate: Toluene-d8		99.5 %	70-130		06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2425019
Diesel Range Organics (C10-C28)	345	250	1	0	06/17/24	06/17/24	
Oil Range Organics (C28-C36)	1060	500	1	0	06/17/24	06/17/24	
Surrogate: n-Nonane		86.1 %	50-200		06/17/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2425015
Chloride	ND	20.0		1	06/17/24	06/17/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:28:40PM

V-1 @ 6' E406148-04

		E400140-04				
Analyte	Result	Reporting Limit		Duomono	A malvora 1	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2425013
Benzene	ND	0.0250	1	06/17/24	06/18/24	
Ethylbenzene	ND	0.0250	1	06/17/24	06/18/24	
Toluene	ND	0.0250	1	06/17/24	06/18/24	
o-Xylene	ND	0.0250	1	06/17/24	06/18/24	
p,m-Xylene	ND	0.0500	1	06/17/24	06/18/24	
Total Xylenes	ND	0.0250	1	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130	06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/17/24	06/18/24	
Surrogate: Toluene-d8		99.5 %	70-130	06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2425013
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130	06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/17/24	06/18/24	
Surrogate: Toluene-d8		99.5 %	70-130	06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2425019
Diesel Range Organics (C10-C28)	337	250	10	06/17/24	06/17/24	
Oil Range Organics (C28-C36)	1090	500	10	06/17/24	06/17/24	
Surrogate: n-Nonane		91.3 %	50-200	06/17/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2425015
Chloride	ND	20.0	1	06/17/24	06/17/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:28:40PM

V-2 @ 6'

E406148-08							
Reporting							
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2425013	
Benzene	ND	0.0250	1	06/17/24	06/20/24		
Ethylbenzene	0.0290	0.0250	1	06/17/24	06/20/24		
Toluene	ND	0.0250	1	06/17/24	06/20/24		
o-Xylene	0.0275	0.0250	1	06/17/24	06/20/24		
p,m-Xylene	ND	0.0500	1	06/17/24	06/20/24		
Total Xylenes	0.0275	0.0250	1	06/17/24	06/20/24		
Surrogate: Bromofluorobenzene		101 %	70-130	06/17/24	06/20/24		
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/17/24	06/20/24		
Surrogate: Toluene-d8		101 %	70-130	06/17/24	06/20/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2425013	
Gasoline Range Organics (C6-C10)	60.1	20.0	1	06/17/24	06/20/24		
Surrogate: Bromofluorobenzene		101 %	70-130	06/17/24	06/20/24		
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/17/24	06/20/24		
Surrogate: Toluene-d8		101 %	70-130	06/17/24	06/20/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2425019	
Diesel Range Organics (C10-C28)	4070	2500	100	06/17/24	06/18/24		
Oil Range Organics (C28-C36)	ND	5000	100	06/17/24	06/18/24		
Surrogate: n-Nonane		117 %	50-200	06/17/24	06/18/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: WF		Batch: 2425015	

20.0

1

06/17/24

06/17/24

ND



Chloride

Targa	Project Name: 6844_1	Leak 150
12600 WCR 91	Project Number: 21102-	0001 Reported:
Midland TX, 79707	Project Manager: Brett D	ennis 7/17/2024 1:28:40PM

V-2 @ 8'

E4061	10	ΛO
E4061	40-	リソ

		E400140-03					
Machine	Dagult	Reporting	D:	lution	Duomonod	Analyzad	Notes
Analyte	Result	Limit	Dı	lution	Prepared	Analyzed	Notes
platile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2425013
nzene	ND	0.0250		1	06/17/24	06/20/24	
hylbenzene	ND	0.0250		1	06/17/24	06/20/24	
luene	ND	0.0250		1	06/17/24	06/20/24	
Xylene	ND	0.0250		1	06/17/24	06/20/24	
n-Xylene	ND	0.0500		1	06/17/24	06/20/24	
tal Xylenes	ND	0.0250		1	06/17/24	06/20/24	
rrogate: Bromofluorobenzene		98.8 %	70-130		06/17/24	06/20/24	
rogate: 1,2-Dichloroethane-d4		102 %	70-130		06/17/24	06/20/24	
rrogate: Toluene-d8		105 %	70-130		06/17/24	06/20/24	
onhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2425013
soline Range Organics (C6-C10)	99.3	20.0		1	06/17/24	06/20/24	
rrogate: Bromofluorobenzene		98.8 %	70-130		06/17/24	06/20/24	
rogate: 1,2-Dichloroethane-d4		102 %	70-130		06/17/24	06/20/24	
rrogate: Toluene-d8		105 %	70-130		06/17/24	06/20/24	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2425019
esel Range Organics (C10-C28)	2660	125		5	06/17/24	06/18/24	
l Range Organics (C28-C36)	1100	250		5	06/17/24	06/18/24	
rrogate: n-Nonane		104 %	50-200		06/17/24	06/18/24	
nions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2425015
loride	ND	20.0		1	06/17/24	06/17/24	
*						06/17/24	Batch: 24250



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:28:40PM

V-3 @ 2'

#### E406148-11

		210011011				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
					7 mary 20d	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analys			Batch: 2425013
Benzene	ND	0.125	5	06/17/24	06/20/24	
Ethylbenzene	0.278	0.125	5	06/17/24	06/20/24	
Toluene	ND	0.125	5	06/17/24	06/20/24	
o-Xylene	3.61	0.125	5	06/17/24	06/20/24	
p,m-Xylene	6.87	0.250	5	06/17/24	06/20/24	
Total Xylenes	10.5	0.125	5	06/17/24	06/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130	06/17/24	06/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	06/17/24	06/20/24	
Surrogate: Toluene-d8		99.0 %	70-130	06/17/24	06/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2425013
Gasoline Range Organics (C6-C10)	177	100	5	06/17/24	06/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130	06/17/24	06/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	06/17/24	06/20/24	
Surrogate: Toluene-d8		99.0 %	70-130	06/17/24	06/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2425019
Diesel Range Organics (C10-C28)	7620	2500	100	06/17/24	06/18/24	
Oil Range Organics (C28-C36)	ND	5000	100	06/17/24	06/18/24	
Surrogate: n-Nonane		118 %	50-200	06/17/24	06/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2425015
Chloride	ND	20.0	1	06/17/24	06/17/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:28:40PM

V-3 @ 4'

E4061	40 1	
H.4061	4X_1	•

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2425013
Benzene	ND	0.0250	1		06/17/24	06/20/24	
Ethylbenzene	ND	0.0250	1		06/17/24	06/20/24	
Toluene	ND	0.0250	1		06/17/24	06/20/24	
o-Xylene	ND	0.0250	1		06/17/24	06/20/24	
p,m-Xylene	ND	ND 0.0500	1		06/17/24	06/20/24	
Total Xylenes	ND	0.0250	1		06/17/24	06/20/24	
Surrogate: Bromofluorobenzene		99.2 %	70-130		06/17/24	06/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		06/17/24	06/20/24	
Surrogate: Toluene-d8		98.0 %	70-130		06/17/24	06/20/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	1	Analyst: IY	?		Batch: 2425013
Gasoline Range Organics (C6-C10)	ND	20.0	1		06/17/24	06/20/24	
Surrogate: Bromofluorobenzene		99.2 %	70-130		06/17/24	06/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		06/17/24	06/20/24	
Surrogate: Toluene-d8		98.0 %	70-130		06/17/24	06/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: N	V		Batch: 2425019
Diesel Range Organics (C10-C28)	ND	25.0	1		06/17/24	06/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1		06/17/24	06/18/24	
Surrogate: n-Nonane		90.9 %	50-200		06/17/24	06/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: W	F		Batch: 2425015
Amons by ETA 300.0/7030A							

Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:28:40PM

V-4 @ 2'

E4061	10 1	4
£4001	40-1	.4

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analys	st: IY		Batch: 2425013
Benzene	ND	0.0250	1	06/17/24	06/18/24	
Ethylbenzene	0.538	0.0250	1	06/17/24	06/18/24	
Toluene	0.0720	0.0250	1	06/17/24	06/18/24	
o-Xylene	0.793	<b>0.793</b> 0.0250	1	06/17/24	06/18/24	
p,m-Xylene	1.14	0.0500	1	06/17/24	06/18/24	
Total Xylenes	1.93	0.0250	1	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		92.5 %	70-130	06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/17/24	06/18/24	
Surrogate: Toluene-d8		99.7 %	70-130	06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analys	st: IY		Batch: 2425013
Gasoline Range Organics (C6-C10)	75.1	20.0	1	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		92.5 %	70-130	06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/17/24	06/18/24	
Surrogate: Toluene-d8		99.7 %	70-130	06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2425019
Diesel Range Organics (C10-C28)	2950	2500	100	06/17/24	06/18/24	
Oil Range Organics (C28-C36)	ND	5000	100	06/17/24	06/18/24	
Surrogate: n-Nonane		119 %	50-200	06/17/24	06/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2425015



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:28:40PM

V-4 @ 6' E406148-16

		E400140-10				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Analyte	Result	Limit	Diluii	ion Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2425013
Benzene	ND	0.0250	1	06/17/24	06/18/24	
Ethylbenzene	ND	0.0250	1	06/17/24	06/18/24	
Toluene	ND	0.0250	1	06/17/24	06/18/24	
o-Xylene	0.0400	0.0250	1	06/17/24	06/18/24	
p,m-Xylene	0.0565	0.0500	1	06/17/24	06/18/24	
Total Xylenes	0.0965	0.0250	1	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		99.3 %	70-130	06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	06/17/24	06/18/24	
Surrogate: Toluene-d8		97.4 %	70-130	06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2425013
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		99.3 %	70-130	06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	06/17/24	06/18/24	
Surrogate: Toluene-d8		97.4 %	70-130	06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: NV		Batch: 2425019
Diesel Range Organics (C10-C28)	221	25.0	1	06/17/24	06/18/24	
Oil Range Organics (C28-C36)	93.1	50.0	1	06/17/24	06/18/24	
Surrogate: n-Nonane		93.5 %	50-200	06/17/24	06/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: WF		Batch: 2425015
Chloride	ND	20.0	1	06/17/24	06/18/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:28:40PM

V-5 @ 4' E406148-19

Reporting Limit				
Limit				37
	Dilution	Prepared	Analyzed	Notes
mg/kg	Analys	t: IY		Batch: 2425013
0.125	5	06/17/24	06/20/24	
0.125	5	06/17/24	06/20/24	
0.125	5	06/17/24	06/20/24	
0.125	5	06/17/24	06/20/24	
0.250	5	06/17/24	06/20/24	
0.125	5	06/17/24	06/20/24	
99.1 %	70-130	06/17/24	06/20/24	
103 %	70-130	06/17/24	06/20/24	
99.4 %	70-130	06/17/24	06/20/24	
mg/kg mg/kg Analyst: IY			Batch: 2425013	
100	5	06/17/24	06/20/24	
99.1 %	70-130	06/17/24	06/20/24	
103 %	70-130	06/17/24	06/20/24	
99.4 %	70-130	06/17/24	06/20/24	
mg/kg	Analys	t: NV		Batch: 2425019
2500	100	06/17/24	06/18/24	
5000	100	06/17/24	06/18/24	
275 %	50-200	06/17/24	06/18/24	S5
mg/kg	Analys	t: WF		Batch: 2425015
40.0	2	06/17/24	06/18/24	
	0.125 0.125 0.125 0.125 0.125 0.125 0.250 0.125  99.1 % 103 % 99.4 %  mg/kg 100  99.1 % 103 % 99.4 %  mg/kg 2500 5000  275 %  mg/kg	0.125 5 0.125 5 0.125 5 0.125 5 0.125 5 0.125 5 0.250 5 0.125	0.125 5 06/17/24 0.125 5 06/17/24 0.125 5 06/17/24 0.125 5 06/17/24 0.125 5 06/17/24 0.125 5 06/17/24 0.250 5 06/17/24 0.125 5 06/17/24 0.125 5 06/17/24  99.1 % 70-130 06/17/24 103 % 70-130 06/17/24  mg/kg Analyst: IY  100 5 06/17/24  99.1 % 70-130 06/17/24  103 % 70-130 06/17/24  99.1 % 70-130 06/17/24  99.1 % 70-130 06/17/24  103 % 70-130 06/17/24  2500 100 06/17/24  5000 100 06/17/24  275 % 50-200 06/17/24  mg/kg Analyst: WF	0.125 5 06/17/24 06/20/24 0.125 5 06/17/24 06/20/24 0.125 5 06/17/24 06/20/24 0.125 5 06/17/24 06/20/24 0.125 5 06/17/24 06/20/24 0.250 5 06/17/24 06/20/24 0.125 5 06/17/24 06/20/24 0.125 5 06/17/24 06/20/24 0.125 5 06/17/24 06/20/24 103 % 70-130 06/17/24 06/20/24 103 % 70-130 06/17/24 06/20/24 99.4 % 70-130 06/17/24 06/20/24  mg/kg Analyst: IY  100 5 06/17/24 06/20/24  99.1 % 70-130 06/17/24 06/20/24 103 % 70-130 06/17/24 06/20/24  99.1 % 70-130 06/17/24 06/20/24  99.1 % 70-130 06/17/24 06/20/24  103 % 70-130 06/17/24 06/20/24  99.4 % 70-130 06/17/24 06/20/24  5000 100 06/17/24 06/18/24 5000 100 06/17/24 06/18/24  275 % 50-200 06/17/24 06/18/24  mg/kg Analyst: WF



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:28:40PM

V-5 @ 6' E406148-20

		E400140-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analys	st: IY		Batch: 2425013
Benzene	0.133	0.125	5	06/17/24	06/20/24	
Ethylbenzene	7.13	0.125	5	06/17/24	06/20/24	
Toluene	ND	0.125	5	06/17/24	06/20/24	
o-Xylene	3.79	0.125	5	06/17/24	06/20/24	
p,m-Xylene	14.4	0.250	5	06/17/24	06/20/24	
Total Xylenes	18.2	0.125	5	06/17/24	06/20/24	
Surrogate: Bromofluorobenzene		95.9 %	70-130	06/17/24	06/20/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	06/17/24	06/20/24	
Surrogate: Toluene-d8		101 %	70-130	06/17/24	06/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2425013
Gasoline Range Organics (C6-C10)	362	100	5	06/17/24	06/20/24	
Surrogate: Bromofluorobenzene		95.9 %	70-130	06/17/24	06/20/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	06/17/24	06/20/24	
Surrogate: Toluene-d8		101 %	70-130	06/17/24	06/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2425019
Diesel Range Organics (C10-C28)	9270	2500	100	06/17/24	06/18/24	
Oil Range Organics (C28-C36)	ND	5000	100	06/17/24	06/18/24	
Surrogate: n-Nonane		272 %	50-200	06/17/24	06/18/24	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2425015
Chloride	422	40.0	2	06/17/24	06/18/24	

6844 Leak 150 Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 Midland TX, 79707 Project Manager: Brett Dennis 7/17/2024 1:28:40PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2425013-BLK1) Prepared: 06/17/24 Analyzed: 06/18/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.494 0.500 98.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.515 0.500 103 70-130 0.500 98.8 70-130 Surrogate: Toluene-d8 0.494 LCS (2425013-BS1) Prepared: 06/17/24 Analyzed: 06/18/24 2.25 0.0250 2.50 90.0 70-130 Benzene 2.30 2.50 92.1 70-130 Ethylbenzene 0.0250 2.21 0.0250 2.50 88.3 70-130 89.5 70-130 2.24 0.0250 2.50 o-Xylene 4.43 5.00 88.5 70-130 p,m-Xylene 0.0500 6.66 0.0250 7.50 88.9 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.482 0.500 96.4 70-130 0.500 101 70-130 Surrogate: 1,2-Dichloroethane-d4 0.503 70-130 Surrogate: Toluene-d8 0.500 0.500 Matrix Spike (2425013-MS1) Source: E406148-04 Prepared: 06/17/24 Analyzed: 06/18/24 2.48 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.56 0.0250 2.50 ND 102 98.0 48-130 Toluene 2.45 0.0250 2.50 ND 2.55 0.0250 2.50 ND 102 43-135 o-Xylene ND 100 43-135 p,m-Xylene 5.01 0.0500 5.00 Total Xylenes 7.55 0.0250 7.50 ND 101 43-135 97.7 Surrogate: Bromofluorobenzene 0.489 0.500 70-130 0.502 0.500 100 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.504 Surrogate: Toluene-d8 Matrix Spike Dup (2425013-MSD1) Source: E406148-04 Prepared: 06/17/24 Analyzed: 06/18/24 2.52 0.0250 2.50 ND 101 48-131 1.60 23 2.63 0.0250 2.50 ND 45-135 2.74 27 Ethylbenzene ND 99.9 48-130 1.92 24 2.50 2.50 Toluene 0.0250 o-Xylene 2.66 0.0250 2.50 ND 106 43-135 4.38 27 5.19 5.00 ND 104 43-135 3.70 27 0.0500 p,m-Xylene 27 7.85 0.0250 7.50 ND 105 43-135 3.93 Total Xylenes Surrogate: Bromofluorobenzene 0.495 0.500 98.9 70-130



0.500

0.500

0.510

0.499

102

99.7

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

 Targa
 Project Name:
 6844\_Leak 150
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 7/17/2024
 1:28:40PM

Nonhalogenated	Organics by	<b>EPA</b>	.8015D -	GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

	resur				100				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2425013-BLK1)							Prepared: 0	6/17/24 Ana	alyzed: 06/18/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			
LCS (2425013-BS2)							Prepared: 0	6/17/24 Ana	alyzed: 06/18/24
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0		98.4	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
Matrix Spike (2425013-MS2)				Source:	E406148-	04	Prepared: 0	6/17/24 Ana	alyzed: 06/18/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.1	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			
Matrix Spike Dup (2425013-MSD2)				Source:	E406148-	04	Prepared: 0	6/17/24 Ana	alyzed: 06/18/24
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.6	70-130	0.451	20	
Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			



Targa	Project Name: 6844_Leak 150	Reported:
12600 WCR 91	Project Number: 21102-0001	
Midland TX, 79707	Project Manager: Brett Dennis	7/17/2024 1:28:40PM

Midland TX, 79707		Project Manage	r: Br	ett Dennis				7/	17/2024 1:28:40PM
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2425019-BLK1)							Prepared: 0	6/17/24 Ana	lyzed: 06/17/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.4		50.0		101	50-200			
LCS (2425019-BS1)							Prepared: 0	6/17/24 Ana	lyzed: 06/17/24
Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132			
Surrogate: n-Nonane	45.8		50.0		91.6	50-200			
Matrix Spike (2425019-MS1)				Source:	E406148-	10	Prepared: 0	6/17/24 Ana	lyzed: 06/17/24
Diesel Range Organics (C10-C28)	34300	2500	250	29000	NR	38-132			M4
Surrogate: n-Nonane	53.2		50.0		106	50-200			
Matrix Spike Dup (2425019-MSD1)				Source:	E406148-	10	Prepared: 0	6/17/24 Ana	lyzed: 06/17/24
Diesel Range Organics (C10-C28)	32100	2500	250	29000	NR	38-132	6.62	20	M4
Surrogate: n-Nonane	48.1		50.0		96.3	50-200			



Targa	Project Name:		844_Leak 150					Reported:	
12600 WCR 91 Midland TX, 79707		Project Number: Project Manager:		102-0001 rett Dennis					7/17/2024 1:28:40PM
		Anions l	by EPA 3	300.0/9056A					Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2425015-BLK1)							Prepared: 0	6/17/24 A	nalyzed: 06/17/24
Chloride	ND	20.0							
LCS (2425015-BS1)							Prepared: 0	6/17/24 A	analyzed: 06/17/24
Chloride	247	20.0	250		98.7	90-110			
Matrix Spike (2425015-MS1)				Source: I	E406148-	05	Prepared: 0	6/17/24 A	nalyzed: 06/17/24
Chloride	268	20.0	250	20.9	98.9	80-120			
Matrix Spike Dup (2425015-MSD1)				Source: I	E406148-	05	Prepared: 0	6/17/24 A	nalyzed: 06/17/24
Chloride	270	20.0	250	20.9	99.8	80-120	0.847	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: 6844_Leak 150	
l	12600 WCR 91	Project Number: 21102-0001	Reported:
l	Midland TX, 79707	Project Manager: Brett Dennis	07/17/24 13:28

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The

associated LCS spike recovery was acceptable.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

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.



Client:		Targa R	esources		Bill To				La	ab U	se On	ly					TA	λΤ			EPA P	rogram
Project:					Attention: Amber Groves		Lab	WO#			Job I	Num	ber		1D	2D	3D	Sta	andar	d	CWA	SDWA
	lanager:		Dennis		Address: 201 South 4th St.		EL	101	014	6			5-000						Х			
	2620 W.				City, State, Zip: Artesia, New Mexico	)					Analy	sis a	nd Meti	nod								RCRA
	e, Zip Ho	bbs, NM	88240		Phone:			by												A T		
Phone:					Email:agroves@targaresources.com			ORO													State	T (
	dennis@1	tasman-g	eo.com		*PO Pending*			RO/	21	00	0	0.00		- 1	Z		×		NM	co	UT AZ	TX
Report d	ue by:					The state of the s		3/02	y 80	by 8260	601	le 30		- 1					×			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by	Metals 6010	Chloride 300.0	Hold		BGDOC		GDOC				Remarks	
9:20	6/13/24	S	1		V-1 @ 0-0.5'								Х									
9:22	6/13/24	S	1		V-1 @ 2'	2							х									
9:24	6/13/24	S	1		V-1 @ 4'	3		Х	х	Х	Х	х										
9:26	6/13/24	S	1		V-1 @ 6'	4		Х	х	х	Х	х										
11:17	6/12/24	S	1		V-2 @ 0-0.5'	2							х									
11:19	6/12/24	S	1		V-2 @ 2'	V							х									S
11:25	6/12/24	S	1		V-2 @ 4'	7							х									
11:27	6/12/24	S	1		V-2 @ 6'	8		Х	Х	Х	Х	х										
11:30	6/12/24	S	1		V-2 @ 8'	9		Х	Х	Х	Х	х										
12:01	6/12/24	S	1		V-3 @ 0-0.5'	10							х									
				1			*	•														
date or time	of collection	is considered	d fraud and m	nay be grounds for le	gal action. <u>Sampled by:</u>								ring therm at an avg to									ed or received
	ed by: (Signa ed by: (Signa		Date		2 200 pm. Refleived by: (Signature)	Date 6-14-6	24		200		Rece	eivec	on ice	:		ab Us	se On	nly				
a ofred	relie of	onzale	S Date	Time		Date . 14	. 24	Time	63	0	<u>T1</u>				<u>T2</u>				<u>T3</u>			
Relinquishe مر	y: (Signa	ture)	Date	14.247	200 Received by: (Signature)	Date Laft	7TV	Time	): من		AVG	Ten	np °C_	4								
Sample Matr	ix: S - Soil, Sd	- Solid, Sg -	Sludge, A - A	queous, O - Other _		Containe			glass,	<b>p</b> - p	oly/pl	astic,	ag - an	ber	r glas	s, v -	VOA					
						(ell	7/2	4			- )			-11-00-			•					_
						12 P	13				3				7	V		r		T	0	ch
i						4	800			-			~			A					~ ·	

Client:		Targa Resources				Bill To					b Us	e On	ly				TA	EPA P	rogram	
Project:	du de la companya de	0.7			Atte		Lab	WO#			Job N			1D	2D	3D	Standard	CWA	SDWA	
	Nanager: 2620 W.		Dennis			ess: 201 South 4th St.		E	061	40				1000				X		RCRA
0	e, Zip Ho				Phor	State, Zip: Artesia, New Mexico			>	1		Anaiy	'SIS al	nd Meth	100	T	П			NCNA
Phone:	, ב	223/1111	002.10		Email:agroves@targaresources.com				RO b										State	
	dennis@1	tasman-g	eo.com			Pending*			RO/O	21	0	0	0.0		Σ		×	NM CO	UT AZ	TX
Report d							T		RO/D	y 802	y 826	6010	de 30					×		9
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	рон	BGDOC		GDOC		Remarks	
12:04	6/12/24	S	1			V-3 @ 2'	$\eta$		х	х	X	X	Х							
12:06	6/12/24	S	1		-7	V-3 @ 4'	12		Х	Х	X	Х	Х							
11:40	6/12/24	S	1		V	-4 @ 0-0.5'	13							х						
11:41	6/12/24	S	1			V-4 @ 2'	14		Х	Х	X	Х	Х							
11:44	6/12/24	S	1	V-4 @ 4'			15							х						of 24
11:48	6/12/24	S	1		V-4 @ 6'				Х	Х	X	Х	X							
9:00	6/13/24	S	1		V	-5 @ 0-0.5'	H							х						Pag
9:02	6/13/24	S	1			V-5 @ 2'	18							х						
9:04	6/13/24	S	1			V-5 @ 4'	19		Х	х	X	Х	Х							
9:06	6/13/24	S	1			V-5 @ 6'	20		Х	х	X	Х	Х							
				ay be grounds for le	egal action.	Sampled by:									mp above	0 but le	ss than 6	eived on ice the day °C on subsequent da		d or received
1	ed by: (Signa	4	Date		-100 pr	Reflected by (Signature)	6-14-	24	Time	00		Rece	eived	on ice		ab U	se On	ly		
	ed by: (Signa		- 0		230	Received by: (Signature)	Date . IU	1.20	lime	63	00	<u>T1</u>			<u>T2</u>			<u>T3</u>		
Kelinquishe	ed by: (Signa	ture)	Date	.14.24 Z	200	Received by: (Signature)	Date 6/17		250	00				p °C_	4					I
Sample Mate	rix: <b>S</b> - Soil, <b>Sd</b>	- Solid, <b>Sg</b> - S	Sludge, <b>A</b> - Ad	queous, <b>0</b> - Other		0	Container	Туре	: <b>g</b> - g	lass, p	<b>o</b> - po	ly/pla	astic,	ag - am	ber gla	ss, v -	VOA	nates		



Printed: 6/17/2024 10:17:26AM

### **Envirotech Analytical Laboratory**

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: 06/17/24 10:00 Work Order ID: E406148

#### (432) 999-8675 06/17/24 10:08 Logged In By: Raina Schwanz Phone: Date Logged In: bdennis@tasman-geo.com Due Date: 06/21/24 17:00 (4 day TAT) Email 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? No Yes 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, **Comments/Resolution** i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) Project name not listed on COC. Contacted Yes 6. Did the COC indicate standard TAT, or Expedited TAT? client for project name. Sampler not listed on Sample Cooler Yes 7. Was a sample cooler received? COC or samples. Project: 6844 Leak 150 8. If yes, was cooler received in good condition? Yes split between WOs E406148, E406149, & 9. Was the sample(s) received intact, i.e., not broken? Yes E406150 due to high sample volume. 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° Yes Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: $\underline{4^{\circ}C}$ Sample Container 14. Are aqueous VOC samples present? No NA 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? NA Yes 18. Are non-VOC samples collected in the correct containers? 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: Yes Sample ID? Date/Time Collected? Yes Collectors name? Nο 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.

Project	Informat
Client:	

Received by OCD: 8/14/2024 8:41:42 AM

Project In	formation	n						f Custody													Pa	ge _1 (	of
				per	B.D U	elf	tur ras																
Client:		Targa Re	esources				Bill To				La		e On	A. Committee of the last of th					TA				rogram
	PH189	THE RESERVE TO SHARE STREET	CONTRACTOR OF STREET				ntion: Amber Groves			WO#			Job	Vuml	per L-00	01	1D 2	2D	3D	Sta	indard	CWA	SDWA
	Nanager:		Dennis			Section 1	ess: 201 South 4th St.		Fr	404	214		2-104		10. 10.						X		0004
	2620 W.					000000000000000000000000000000000000000	State, Zip: Artesia, New Mexico						Analy	sis ar	nd Me	thod	-						RCRA
	e, Zip Ho	bbs, NM	88240		-	Phor				yd C												Charles	
Phone:	1						il:agroves@targaresources.com			/ORC											NAAL CO.	State	TV
	dennis@t	tasman-ge	eo.com			*PO	Pending*			DRO,	121	•	4	00.00			ΣZ		×		NM CO	UI AZ	TX
Report d			Γ					Lab		грн GRO/DRO/ORO by 3015	by 8021	40C by 8269	99	Chloride 300.0			N				×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	)			Number		TPH G 8015	BTEX	20	letal	hlori	Hold		верос	88	GDOC			Remarks	
9:20	Sumpleu					V	-1 @ 0-0.5'	Number		⊢ ∞	m	7	4	U	Fig. (a)		m		0				
5.20	6/13/24	S	1			V	-1 @ 0-0.5								X						Analy	ce & Can	nælled
9:22							V-1 @ 2'			1990		+									11.01.04	Ju Co	LCC HO
3.22	6/13/24	S	1					2						4	X						per &	Denr	is
9:24		-		Dames.		MALIA	V-1 @ 4'			.,		1,	,	.,						100			
	6/13/24	S	1					3		X	Х	X	X	X							Flehr	4 RAS P	
9:26	C/12/24	S	1			Halas	V-1 @ 6'	4		х	х	X	V	х	VI								
	6/13/24	2	1					7		^	^	^	^	^							M. Sel		
11:17	6/12/24	S	1	1000		V	-2 @ 0-0.5'	7							х					7			
	0/12/24	3	•					2							^								
11:19	6/12/24	S	1				V-2 @ 2'	6							X								
	0,22,2																						
11:25	6/12/24	S	1	de la			V-2 @ 4'	17							х								
11:27	6/12/24	S	1				V-2 @ 6'	8		X	Х	X	x	X									
								-						75.00		-	_						
11:30	6/12/24	S	1				V-2 @ 8'	9		X	Х	X	Х	Х						12.			
							2.0.0.51																
12:01	6/12/24	S	1			V	-3 @ 0-0.5'	10				•			X			1 8					
								1															
									-				Sample	es requi	ring ther	nal pre	servatio	on must	t be rec	eived or	n ice the day th	ney are sample	d or received
date or time	of collection	is considered	fraud and m	ay be ground	s for legal ac	ction.	Sampled by:						packed	in ice a	t an avg	temp a	bove 0	but less	s than 6	°C on si	ubsequent day:	5.	
Relinquishe	ed by: (Signa	ature)	Date		Time		Referred by: (Signature)	Date		Time					the st	No.	La	b Us	e On	ly			
1	2001	1	6	114/29	12:0	Opa	Antroposite Chandrates	1614.	14	10	200		Rece	eived	on ic	e:	N	/ N					
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		. 0	8 6	14-24	1290	)	d.d.	18-14	. 24	1	63	0	T1				T2		9303		T3		
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( ,	4.5	1.	6.	14.24	120	00	Raina Lehua		HU		:00				p °C_								
Sample Matr	rix: S - Soil, Sd	- Solid, Sg - S	Sludge, A - Ac	queous, O - Ot	ther			Containe	т Туре	: g - g	lass,	<b>o</b> - pc	oly/pla	astic,	ag - aı	nber	glass	, v - \	VOA				Name of

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Project	Informatio

Chain of Custody

Received by OCD: 8/14/2024 8:41:42 AM

				(2	CV	0.01	enticiking										-	200					
Client:		Targa Re	esources				Bill To			9315	La		e Or		Distance of the last				TA				rogram
Project:	684	4-le	ak 18	2		-	ention: Amber Groves		Lab	WO#	_			Num			D	2D	3D	Sta	andard	CWA	SDWA
Project N	lanager:	Brett	Dennis			Add	ress: 201 South 4th St.		E	olel	43		211	102-	000	1					X		
Address:	2620 W.	Marland	Blvd			City	, State, Zip: Artesia, New Mexico						Analy	ysis a	nd Me	ethod							RCRA
City, Stat	e, Zip Ho	bbs, NM	88240			Pho	ne:			by													
Phone:						Ema	ail:agroves@targaresources.com			ORO			le q									State	
Email b	dennis@t	asman-ge	eo.com		STE	*PC	Pending*			3/02	+4	-		0.0	186		Z		~		NM CO	UT AZ	TX
Report di	ue by:									4Q/C	8021	9578	9	300			10000		¥		×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number		трн GRO/DRO/ORO by 8015	втех by	40Cby8260	Metals 6010	Chloride 300.0	нога		BGDOC		GDOC			Remarks	
12:04	6/12/24	S	1				V-3 @ 2'	11		X	Х	×	×	х							Analy	yes Og	ncelled
12:06	6/12/24	S	1				V-3 @ 4'	12		Х	Х	×	x	Х							ATTENDED	B. Der	Jan 2, 2017
11:40	6/12/24	S	1			,	/-4 @ 0-0.5'	13							Х							leu-R	
11:41	6/12/24	S	1				V-4 @ 2'	14		Х	Х	X	Х	Х									
11:44	6/12/24	S	1				V-4 @ 4'	15							X								
11:48	6/12/24	S	1				V-4 @ 6'	16		Х	Х	×	X	х									
9:00	6/13/24	S	1			1	/-5 @ 0-0.5'	FI							х								
9:02	6/13/24	S	1				V-5 @ 2'	18							Х								
9:04	6/13/24	S	1				V-5 @ 4'	19		Х	X	×	X	X									
9:06	6/13/24	S	1				V-5 @ 6'	20		Х	Х	×	x	Х									
date or time	of collection	is considered	I fraud and m	ay be grounds	for lega	l action.	Sampled by:										oove (	) but le	ss than	6°C on	on ice the day t subsequent da	hey are sample ys.	ed or received
11	ed by: (Signa	4	Date 6/1	14/24	Time	uc Pi	Religious (Signature)	Date 6-14-	24		200		Rec	eivec	l on i	ce:		ab U	se Or	nly			
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Relinquishe	d by: (Signa	ture)	Date	.14.74	Time	.00	Received by: (Signature)	Date   6/17	-hu		:00				np °C					¥3.55			
Sample Matr	rix: 5 - Soil, So	- Solid, Sg - S		ueous, O - Oth	ner	VI.10		Containe	r Typ	e: <b>g</b> - g	glass,	p - pi	oly/pi	astic,	ag - a	mber	glas	s, v -	VOA				

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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: 6844\_Leak 150

Work Order: E406149

Job Number: 21102-0001

Received: 6/17/2024

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 7/17/24

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: 7/17/24

**Brett Dennis** 12600 WCR 91 Midland, TX 79707

Project Name: 6844 Leak 150

Workorder: E406149

Date Received: 6/17/2024 10:00:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/17/2024 10:00:00AM, under the Project Name: 6844 Leak 150.

The analytical test results summarized in this report with the Project Name: 6844 Leak 150 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

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### Sample Summary

Г	Targa	Project Name:	6844_Leak 150	Danautada
	12600 WCR 91	Project Number:	21102-0001	Reported:
	Midland TX, 79707	Project Manager:	Brett Dennis	07/17/24 13:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-6 @ 0-0.5'	E406149-01A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-6 @ 2'	E406149-02A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-6 @ 4'	E406149-03A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-6 @ 6'	E406149-04A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-7 @ 0-0.5'	E406149-05A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-7 @ 2'	E406149-06A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-7 @ 4'	E406149-07A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-7 @ 6	E406149-08A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-8 @ 0-0.5'	E406149-09A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-8 @ 2'	E406149-10A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-8 @ 4'	E406149-11A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-9 @ 0-0.5'	E406149-12A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-9 @ 2'	E406149-13A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-9 @ 4	E406149-14A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-9 @ 6	E406149-15A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-10 @ 0-0.5'	E406149-16A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-10 @ 2'	E406149-17A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-10 @ 4'	E406149-18A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-10 @ 6'	E406149-19A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-11 @ 0-0.5'	E406149-20A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:31:57PM

V-6 @ 4' E406149-03

Result	Reporting Limit		ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	•		Batch: 2425014
			1	06/17/24	06/18/24	
ND	0.0250		1	06/17/24	06/18/24	
ND	0.0250		1	06/17/24	06/18/24	
ND	0.0250		1	06/17/24	06/18/24	
ND	0.0500		1	06/17/24	06/18/24	
ND	0.0250		1	06/17/24	06/18/24	
	100 %	70-130		06/17/24	06/18/24	
	94.2 %	70-130		06/17/24	06/18/24	
	104 %	70-130		06/17/24	06/18/24	
mg/kg	mg/kg		Analyst:	: IY		Batch: 2425014
ND	20.0		1	06/17/24	06/18/24	
	100 %	70-130		06/17/24	06/18/24	
	94.2 %	70-130		06/17/24	06/18/24	
	104 %	70-130		06/17/24	06/18/24	
mg/kg	mg/kg		Analyst:	: NV		Batch: 2425020
ND	50.0		2	06/17/24	06/18/24	
119	100		2	06/17/24	06/18/24	
	94.4 %	50-200		06/17/24	06/18/24	
mg/kg	mg/kg		Analyst	: WF		Batch: 2425016
ND	20.0		1	06/17/24	06/18/24	
	mg/kg ND ND ND ND ND ND ND ND ND 119	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           IO0 %         94.2 %           IO4 %         104 %           mg/kg         mg/kg           ND         20.0           IO0 %         94.2 %           IO4 %         104 %           mg/kg         mg/kg           ND         50.0           119         100           94.4 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           100 %         70-130           94.2 %         70-130           104 %         70-130           mg/kg         mg/kg           ND         20.0           104 %         70-130           104 %         70-130           mg/kg         mg/kg           ND         50.0           119         100           94.4 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           ND         70-130         1           94.2 %         70-130         70-130           mg/kg         mg/kg         Analyst           ND         20.0         1           100 %         70-130         70-130           mg/kg         mg/kg         Analyst           ND         50.0         2           119         100         2           94.4 %         50-200           mg/kg         mg/kg         Analyst	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         06/17/24           ND         0.0250         1         06/17/24           ND         0.0250         1         06/17/24           ND         0.0250         1         06/17/24           ND         0.0500         1         06/17/24           ND         0.0250         1         06/17/24           ND         70-130         06/17/24           94.2 %         70-130         06/17/24           104 %         70-130         06/17/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         06/17/24           100 %         70-130         06/17/24           94.2 %         70-130         06/17/24           104 %         70-130         06/17/24           104 %         70-130         06/17/24           104 %         70-130         06/17/24           104 %         70-130         06/17/24           104 %         70-130         06/17/24           104 %         70-130	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         06/17/24         06/18/24           ND         0.0500         1         06/17/24         06/18/24           ND         0.0250         1         06/17/24         06/18/24           ND         0.0250         1         06/17/24         06/18/24           ND         0.0250         1         06/17/24         06/18/24           94.2 %         70-130         06/17/24         06/18/24           104 %         70-130         06/17/24         06/18/24           100 %         70-130         06/17/24         06/18/24           94.2 %         70-130         06/17/24         06/18/24           104 %         70-130         06/17/24         06/18/24           104 %         70-130         06/17/24         06/18/24           104



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:31:57PM

V-6 @ 6' E406149-04

Analyzed  06/18/24  06/18/24  06/18/24  06/18/24  06/18/24  06/18/24  06/18/24	Notes  Batch: 2425014
06/18/24 06/18/24 06/18/24 06/18/24 06/18/24 06/18/24	
06/18/24 06/18/24 06/18/24 06/18/24 06/18/24 06/18/24	
06/18/24 06/18/24 06/18/24 06/18/24 06/18/24	
06/18/24 06/18/24 06/18/24	
06/18/24 06/18/24 06/18/24	
06/18/24 06/18/24	
06/18/24	
06/18/24	
06/18/24	
	Batch: 2425014
06/18/24	
06/18/24	
06/18/24	
06/18/24	
	Batch: 2425020
06/19/24	
06/19/24	
06/19/24	
	Batch: 2425016
06/18/24	_
	06/18/24 06/18/24 06/18/24 06/18/24 06/19/24 06/19/24



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:31:57PM

V-7 @ 4' E406149-07

		E400147-07					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilu	tion	rrepared	Anatyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: l	ΙΥ		Batch: 2425014
Benzene	ND	0.0250	1		06/17/24	06/18/24	
Ethylbenzene	ND	0.0250	1		06/17/24	06/18/24	
Toluene	ND	0.0250	1		06/17/24	06/18/24	
o-Xylene	ND	0.0250	1		06/17/24	06/18/24	
p,m-Xylene	ND	0.0500	1		06/17/24	06/18/24	
Total Xylenes	ND	0.0250	1		06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		101 %	70-130		06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/17/24	06/18/24	
Surrogate: Toluene-d8		106 %	70-130		06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: l	ΙΥ		Batch: 2425014
Gasoline Range Organics (C6-C10)	ND	20.0	1		06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		101 %	70-130		06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/17/24	06/18/24	
Surrogate: Toluene-d8		106 %	70-130		06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: 1	NV		Batch: 2425020
Diesel Range Organics (C10-C28)	89.9	25.0	1		06/17/24	06/19/24	
Oil Range Organics (C28-C36)	314	50.0	1	·	06/17/24	06/19/24	
Surrogate: n-Nonane		91.4 %	50-200		06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: \	WF		Batch: 2425016
Chloride	ND	20.0	1		06/17/24	06/18/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:31:57PM

V-7 @ 6 E406149-08

		2.002.5 00					
Analyta	Result	Reporting Limit		lution	Duomonod	Analyzed	Notes
Analyte	Kesuit	Limit	Di	ıuı1011	Prepared	Anaiyzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2425014
Benzene	ND	0.0250		1	06/17/24	06/18/24	
Ethylbenzene	ND	0.0250		1	06/17/24	06/18/24	
Toluene	ND	0.0250		1	06/17/24	06/18/24	
o-Xylene	ND	0.0250		1	06/17/24	06/18/24	
p,m-Xylene	ND	0.0500		1	06/17/24	06/18/24	
Total Xylenes	ND	0.0250		1	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		103 %	70-130		06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		06/17/24	06/18/24	
Surrogate: Toluene-d8		103 %	70-130		06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2425014
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		103 %	70-130		06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		06/17/24	06/18/24	
Surrogate: Toluene-d8		103 %	70-130		06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2425020
Diesel Range Organics (C10-C28)	53.4	25.0	•	1	06/17/24	06/19/24	_
Oil Range Organics (C28-C36)	196	50.0		1	06/17/24	06/19/24	
Surrogate: n-Nonane		89.5 %	50-200	·	06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: WF		Batch: 2425016
Chloride	ND	20.0		1	06/17/24	06/18/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:31:57PM

V-8 @ 2' E406149-10

		E-1001-7-10				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Marye				1	7 maryzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2425014
Benzene	ND	0.0250	1	06/17/24	06/18/24	
Ethylbenzene	ND	0.0250	1	06/17/24	06/18/24	
Toluene	ND	0.0250	1	06/17/24	06/18/24	
o-Xylene	ND	0.0250	1	06/17/24	06/18/24	
p,m-Xylene	ND	0.0500	1	06/17/24	06/18/24	
Total Xylenes	ND	0.0250	1	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		104 %	70-130	06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	06/17/24	06/18/24	
Surrogate: Toluene-d8		106 %	70-130	06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2425014
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		104 %	70-130	06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	06/17/24	06/18/24	
Surrogate: Toluene-d8		106 %	70-130	06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2425020
Diesel Range Organics (C10-C28)	ND	250	10	06/17/24	06/19/24	
Oil Range Organics (C28-C36)	639	500	10	06/17/24	06/19/24	
Surrogate: n-Nonane		91.5 %	50-200	06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2425016
Chloride	ND	20.0	1	06/17/24	06/18/24	

Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:31:57PM

V-8 @ 4' E406149-11

		L400147-11				
	D. I	Reporting				N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analy	st: IY		Batch: 2425014
Benzene	ND	0.0500	2	06/17/24	06/18/24	
Ethylbenzene	ND	0.0500	2	06/17/24	06/18/24	
Toluene	ND	0.0500	2	06/17/24	06/18/24	
o-Xylene	ND	0.0500	2	06/17/24	06/18/24	
p,m-Xylene	ND	0.100	2	06/17/24	06/18/24	
Total Xylenes	ND	0.0500	2	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		101 %	70-130	06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	06/17/24	06/18/24	
Surrogate: Toluene-d8		106 %	70-130	06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2425014
Gasoline Range Organics (C6-C10)	ND	40.0	2	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		101 %	70-130	06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	06/17/24	06/18/24	
Surrogate: Toluene-d8		106 %	70-130	06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2425020
Diesel Range Organics (C10-C28)	16300	500	20	06/17/24	06/19/24	
Oil Range Organics (C28-C36)	8550	1000	20	06/17/24	06/19/24	
Surrogate: n-Nonane		93.9 %	50-200	06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2425016
Chloride	1710	20.0	1	06/17/24	06/18/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:31:57PM

V-9 @ 2'

E4061	49_1	3

	Reporting					
Result	Limit	Diluti	ion Prep	pared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: IY			Batch: 2425014
0.895	0.0250	1	06/1	17/24	06/18/24	
5.58	0.0250	1	06/1	17/24	06/18/24	
1.29	0.0250	1	06/1	17/24	06/18/24	
5.20	0.0250	1	06/1	17/24	06/18/24	
8.97	0.0500	1	06/1	17/24	06/18/24	
14.2	0.0250	1	06/1	17/24	06/18/24	
	102 %	70-130	06/1	17/24	06/18/24	
	97.7 %	70-130	06/1	17/24	06/18/24	
	123 %	70-130	06/1	17/24	06/18/24	
mg/kg	mg/kg	A	Analyst: IY		Batch: 2425014	
371	20.0		0.514	17/04	06/10/04	
3/1	20.0	1	06/1	17/24	06/18/24	
3/1	102 %	70-130		17/24	06/18/24	
371		•	06/1			
3/1	102 %	70-130	06/1 06/1	17/24	06/18/24	
mg/kg	102 % 97.7 %	70-130 70-130 70-130	06/1 06/1	17/24 17/24	06/18/24 06/18/24	Batch: 2425020
	102 % 97.7 % 123 %	70-130 70-130 70-130	06/i 06/i 06/i Analyst: NV	17/24 17/24	06/18/24 06/18/24	Batch: 2425020
mg/kg	102 % 97.7 % 123 % mg/kg	70-130 70-130 70-130 A	06/i 06/i 06/i Analyst: NV	17/24 17/24 17/24	06/18/24 06/18/24 06/18/24	Batch: 2425020
mg/kg 4240	102 % 97.7 % 123 % mg/kg 500	70-130 70-130 70-130 A	06/1 06/1 06/1 Analyst: NV 06/1	17/24 17/24 17/24 17/24	06/18/24 06/18/24 06/18/24	Batch: 2425020
mg/kg 4240	102 % 97.7 % 123 % mg/kg 500 1000	70-130 70-130 70-130 A 20 20 50-200	06/1 06/1 06/1 Analyst: NV 06/1	17/24 17/24 17/24 17/24 17/24	06/18/24 06/18/24 06/18/24 06/19/24 06/19/24	Batch: 2425020 Batch: 2425016
	mg/kg 0.895 5.58 1.29 5.20 8.97 14.2	Result         Limit           mg/kg         mg/kg           0.895         0.0250           5.58         0.0250           1.29         0.0250           5.20         0.0250           8.97         0.0500           14.2         0.0250           102 %           97.7 %         123 %           mg/kg         mg/kg	Result         Limit         Dilut           mg/kg         mg/kg         A           0.895         0.0250         1           5.58         0.0250         1           1.29         0.0250         1           5.20         0.0250         1           8.97         0.0500         1           14.2         0.0250         1           102 % 70-130           97.7 % 70-130         70-130           123 % 70-130         70-130           mg/kg         mg/kg         A	Result         Limit         Dilution         Presented           mg/kg         mg/kg         Analyst: IY           0.895         0.0250         1         06/           5.58         0.0250         1         06/           1.29         0.0250         1         06/           5.20         0.0250         1         06/           8.97         0.0500         1         06/           14.2         0.0250         1         06/           14.2         0.0250         1         06/           97.7 %         70-130         06/           123 %         70-130         06/           123 %         70-130         06/           mg/kg         mg/kg         Analyst: IY	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           0.895         0.0250         1         06/17/24           5.58         0.0250         1         06/17/24           1.29         0.0250         1         06/17/24           5.20         0.0250         1         06/17/24           8.97         0.0500         1         06/17/24           14.2         0.0250         1         06/17/24           4         97.7 %         70-130         06/17/24           97.7 %         70-130         06/17/24           123 %         70-130         06/17/24           mg/kg         mg/kg         Analyst: IY	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           0.895         0.0250         1         06/17/24         06/18/24           5.58         0.0250         1         06/17/24         06/18/24           1.29         0.0250         1         06/17/24         06/18/24           5.20         0.0250         1         06/17/24         06/18/24           8.97         0.0500         1         06/17/24         06/18/24           14.2         0.0250         1         06/17/24         06/18/24           4         102 %         70-130         06/17/24         06/18/24           97.7 %         70-130         06/17/24         06/18/24           123 %         70-130         06/17/24         06/18/24           mg/kg         mg/kg         Analyst: IY

Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:31:57PM

V-9 @ 6 E406149-15

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2425014
Benzene	ND	0.250	10	06/17/24	06/24/24	
Ethylbenzene	3.36	0.250	10	06/17/24	06/24/24	
Toluene	2.15	0.250	10	06/17/24	06/24/24	
o-Xylene	4.77	0.250	10	06/17/24	06/24/24	
p,m-Xylene	9.73	0.500	10	06/17/24	06/24/24	
Total Xylenes	14.5	0.250	10	06/17/24	06/24/24	
Surrogate: Bromofluorobenzene		93.7 %	70-130	06/17/24	06/24/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	06/17/24	06/24/24	
Surrogate: Toluene-d8		105 %	70-130	06/17/24	06/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2425014
Gasoline Range Organics (C6-C10)	278	200	10	06/17/24	06/24/24	
Surrogate: Bromofluorobenzene		93.7 %	70-130	06/17/24	06/24/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	06/17/24	06/24/24	
Surrogate: Toluene-d8		105 %	70-130	06/17/24	06/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2425020
Diesel Range Organics (C10-C28)	41900	1250	50	06/17/24	06/19/24	
Oil Range Organics (C28-C36)	20900	2500	50	06/17/24	06/19/24	
Surrogate: n-Nonane		139 %	50-200	06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: WF		Batch: 2425016
Chloride	1320	20.0	1	06/17/24	06/18/24	

Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:31:57PM

V-10 @ 2' E406149-17

		E400143-17					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2425014
Benzene	ND	0.0250	1	1	06/17/24	06/18/24	
Ethylbenzene	ND	0.0250	1	1	06/17/24	06/18/24	
Toluene	ND	0.0250	1	1	06/17/24	06/18/24	
o-Xylene	ND	0.0250	1	1	06/17/24	06/18/24	
p,m-Xylene	ND	0.0500	1	1	06/17/24	06/18/24	
Total Xylenes	ND	0.0250	1	1	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		102 %	70-130		06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		06/17/24	06/18/24	
Surrogate: Toluene-d8		105 %	70-130		06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2425014
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/17/24	06/18/24	
Surrogate: Bromofluorobenzene		102 %	70-130		06/17/24	06/18/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		06/17/24	06/18/24	
Surrogate: Toluene-d8		105 %	70-130		06/17/24	06/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2425020
Diesel Range Organics (C10-C28)	323	50.0	2	2	06/17/24	06/19/24	_
Oil Range Organics (C28-C36)	696	100	2	2	06/17/24	06/19/24	
Surrogate: n-Nonane		92.8 %	50-200		06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2425016
Chloride	598	20.0	1	1	06/17/24	06/18/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:31:57PM

V-10 @ 6' E406149-19

		E400147-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2425014
Benzene	ND	0.250	10	06/17/24	06/24/24	
Ethylbenzene	ND	0.250	10	06/17/24	06/24/24	
Toluene	ND	0.250	10	06/17/24	06/24/24	
o-Xylene	0.425	0.250	10	06/17/24	06/24/24	
p,m-Xylene	ND	0.500	10	06/17/24	06/24/24	
Total Xylenes	0.425	0.250	10	06/17/24	06/24/24	
Surrogate: Bromofluorobenzene		99.4 %	70-130	06/17/24	06/24/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/17/24	06/24/24	
Surrogate: Toluene-d8		98.9 %	70-130	06/17/24	06/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2425014
Gasoline Range Organics (C6-C10)	ND	200	10	06/17/24	06/24/24	
Surrogate: Bromofluorobenzene		99.4 %	70-130	06/17/24	06/24/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/17/24	06/24/24	
Surrogate: Toluene-d8		98.9 %	70-130	06/17/24	06/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2425020
Diesel Range Organics (C10-C28)	63500	1250	50	06/17/24	06/19/24	
Oil Range Organics (C28-C36)	37400	2500	50	06/17/24	06/19/24	
Surrogate: n-Nonane		91.7 %	50-200	06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: WF		Batch: 2425016
Chloride	3680	40.0	2	06/17/24	06/18/24	



6844 Leak 150 Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 Midland TX, 79707 Project Manager: Brett Dennis 7/17/2024 1:31:57PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2425014-BLK1) Prepared: 06/17/24 Analyzed: 06/18/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.520 0.500 104 70-130 Surrogate: 1,2-Dichloroethane-d4 0.487 0.500 97.3 70-130 0.500 108 70-130 Surrogate: Toluene-d8 0.538 LCS (2425014-BS1) Prepared: 06/17/24 Analyzed: 06/18/24 2.73 0.0250 2.50 109 70-130 Benzene 2.50 116 70-130 2.90 Ethylbenzene 0.0250 2.83 0.0250 2.50 113 70-130 70-130 2.72 0.0250 2.50 109 o-Xylene 5.61 5.00 112 70-130 p,m-Xylene 0.0500 8.33 0.0250 7.50 111 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.477 0.500 95.3 70-130 0.500 96.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.484 70-130 Surrogate: Toluene-d8 0.500 0.526 Matrix Spike (2425014-MS1) Source: E406149-07 Prepared: 06/17/24 Analyzed: 06/18/24 48-131 2.53 0.0250 2.50 ND 45-135 Ethylbenzene 2.67 0.0250 2.50 ND 107 ND 103 48-130 Toluene 2.58 0.0250 2.50 2.62 0.0250 2.50 ND 105 43-135 o-Xylene 5.28 5.00 ND 106 43-135 p,m-Xylene 0.0500 Total Xylenes 7.90 0.0250 7.50 ND 105 43-135 Surrogate: Bromofluorobenzene 0.495 0.500 99.0 70-130 0.491 0.500 98.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.529 Surrogate: Toluene-d8 Matrix Spike Dup (2425014-MSD1) Source: E406149-07 Prepared: 06/17/24 Analyzed: 06/18/24 2.49 0.0250 2.50 ND 99.4 48-131 1.76 23 2.68 0.0250 2.50 ND 45-135 0.486 27 Ethylbenzene ND 48-130 1.06 24 2.61 2.50 104 Toluene 0.0250 o-Xylene 2.63 0.0250 2.50 ND 105 43-135 0.363 27 5.33 5.00 ND 107 43-135 0.933 27 0.0500 p,m-Xylene 27 7.95 0.0250 7.50 ND 106 43-135 0.744 Total Xylenes



0.500

0.500

0.500

100

95.1

70-130

70-130

70-130

0.502

0.476

0.537

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

 Targa
 Project Name:
 6844\_Leak 150
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 7/17/2024 1:31:57PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

	resur				1100				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2425014-BLK1)							Prepared: 0	5/17/24 Ana	alyzed: 06/18/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.538		0.500		108	70-130			
LCS (2425014-BS2)							Prepared: 0	6/17/24 Ana	lyzed: 06/18/24
Gasoline Range Organics (C6-C10)	57.2	20.0	50.0		114	70-130		·	·
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
Matrix Spike (2425014-MS2)				Source:	E406149-	07	Prepared: 0	5/17/24 Ana	lyzed: 06/18/24
Gasoline Range Organics (C6-C10)	59.1	20.0	50.0	ND	118	70-130			
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			
Matrix Spike Dup (2425014-MSD2)				Source:	E406149-	07	Prepared: 0	5/17/24 Ana	alyzed: 06/18/24
Gasoline Range Organics (C6-C10)	58.9	20.0	50.0	ND	118	70-130	0.381	20	
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.540		0.500		108	70-130			



 Targa
 Project Name:
 6844\_Leak 150
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 7/17/2024
 1:31:57PM

Midland TX, 79707		Project Manager	r: Br	ett Dennis					//1//2024 1:31:5/PN
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2425020-BLK1)							Prepared: 0	6/17/24 Ar	nalyzed: 06/18/24
riesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	48.6		50.0		97.2	50-200			
CS (2425020-BS1)							Prepared: 0	6/17/24 Ar	nalyzed: 06/18/24
tiesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
urrogate: n-Nonane	48.1		50.0		96.1	50-200			
Matrix Spike (2425020-MS1)				Source:	E406149-	07	Prepared: 0	6/17/24 Ar	nalyzed: 06/19/24
tiesel Range Organics (C10-C28)	354	25.0	250	89.9	106	38-132			
urrogate: n-Nonane	49.7		50.0		99.5	50-200			
Matrix Spike Dup (2425020-MSD1)				Source:	E406149-	07	Prepared: 0	6/17/24 Ar	nalyzed: 06/19/24
tiesel Range Organics (C10-C28)	359	25.0	250	89.9	108	38-132	1.50	20	
urrogate: n-Nonane	50.4		50.0		101	50-200			

Targa 12600 WCR 91		Project Name:		844_Leak 150 1102-0001					Reported:	
Midland TX, 79707		Project Number: Project Manager		rett Dennis				7/17/2024 1:31:57PM		
		Anions	by EPA 3	300.0/9056A					Analyst: WF	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2425016-BLK1)							Prepared: 0	6/17/24 A	analyzed: 06/18/24	
Chloride	ND	20.0								
LCS (2425016-BS1)							Prepared: 0	6/17/24 A	analyzed: 06/18/24	
Chloride	248	20.0	250		99.3	90-110				
Matrix Spike (2425016-MS1)				Source: 1	E406149-0	03	Prepared: 0	6/17/24 A	analyzed: 06/18/24	
Chloride	256	20.0	250	ND	102	80-120				
Matrix Spike Dup (2425016-MSD1)				Source: 1	Prepared: 0	06/17/24 Analyzed: 06/18/24				
Chloride	251	20.0	250	ND	101	80-120	1.72	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: 6844_Leak 150	
12600 WCR 91	Project Number: 21102-0001	Reported:
Midland TX, 79707	Project Manager: Brett Dennis	07/17/24 13:31

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.



Client: Targa Resources Bill To								Lab Use Only								9.5	EPA Program				
Project:						Amber Groves		Lab	WO#			Job I				) 20	30	) St	tandard	CWA	SDWA
	lanager:		Dennis			1 South 4th St.		E	dole	144				000					Х		DCD 4
	2620 W.				City, State, Phone:	Zip: Artesia, New Mexico						Analy	sis a	nd Me	thod	-					RCRA
Phone:	e, Zip Ho	DDS, INIVI	88240		15201	res@targaresources.com			tO by											State	-
	dennis@t	asman-g	eo.com		*PO Pendin				3/0R				0			5			NM CO		TX
Report d		A CONTRACT A			TOTCHAIL	ь_			)/DR(	8021	8260	010	300.		- 1	Ā	×		×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by	VOC by 8	Metals 6010	Chloride 300.0	рјон		BGDOC	GDOC			Remarks	
9:58	6/12/24	S	1		V-6 @ 0-	0.5'	1							Х							
9:59	6/12/24	S	1		V-6 @	2'	2							Х							
10:01	6/12/24	S	1		V-6 @	4'	3		Х	Х	Х	х	Х								
10:04	6/12/24	S	1		V-6 @	6'	4		Х	Х	Х	х	Х								
9:40	6/12/24	S	1		V-7 @ 0-	0.5'	2							Х							of 24
9:42	6/12/24	S	1		V-7 @	2'	6							Х							 
9:44	6/12/24	S	1		V-7 @	4'	7		Х	Х	Х	Х	Х								Pag
9:45	6/12/24	S	1		V-7 @	6'	8		Х	Х	Х	Х	Х								
11:00	6/12/24	S	1		V-8 @ 0-	0.5'	9							Х							
11:03	6/12/24	S	1		V-8 @	2'	10		Х	Х	Х	Х	Х								
	•																				
date or time	of collection	is considered	d fraud and m	ay be grounds for le	gal action.	Sampled by:										ve 0 but	less than	n 6°C on	on ice the day to subsequent day		d or received
M	ed by: (Signa	h	Date	14/74 12	-00 Ph A	d by: (Signature)	Date Lory - 2			200		Rece	eived	on ic	e: (	Lab Y)/	Use C N	only			
Vilien	ed by: (Signa	onzale	V	Time	Received	l by: (Signature)	Date .14	.74	1.0	63	0	T1			_ I	2			<u>T3</u>		
Relinquishe	ed by (Signa	iture)	Date	14.24	200 Received	Hoy: (Signature)	Date	M	Time	:w		AVG	Tem	p °C_	4						
Sample Mati	rix: S - Soil, So	- Solid, <b>Sg</b> - :	Sludge, A - Ad	queous, <b>O</b> - Other		0	Container	Туре	e: <b>g -</b> g	lass, I	<b>p</b> - pc	oly/pla	astic,	ag - ar	nber g	lass, v	- VOA	\			8,0

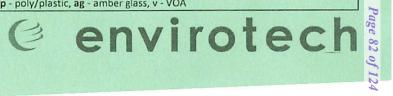


Client: Targa Resources Bill To							Lab Use Only								TA	EPA P	rogram		
Project:					Attention: Amber Groves			WO#			Job N			1D	2D	3D	Standard	CWA	SDWA
Programme and the second	/lanager:		Dennis		Address: 201 South 4th St.		E	tde	49		211			22			X		DCDA
4	2620 W.				City, State, Zip: Artesia, New Mexico	0		2			Analy	sis ar	nd Meth	lod	Т				RCRA
Phone:	e, Zip Ho	DDS, INIVI	88240		Email:agroves@targaresources.com			(O by										State	
	dennis@1	tasman-g	eo.com	-	*PO Pending*	4		0/0				0.		Σ		era.v	NM CC		TX
Report d					- C - Citamg			J/DR	8021	8260	9010	300				¥	×		9
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	1= 1	Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by	Metals 6010	Chloride 300.0	ноId	BGDOC		GDOC		Remarks	71.7 <i>6</i>
11:05	6/12/24	S	1		V-8 @ 4'	11		Х	Х	Х	Х	Х							
10:45	6/13/24	S	1		V-9 @ 0-0.5'	12							х						
10:47	6/13/24	S	1		V-9 @ 2'	13		Х	Х	Х	Х	Х							
10:50	6/13/24	S	1		V-9 @ 4'	14							х						
10:52	6/13/24	S	1		V-9 @ 6'	15		Х	Х	х	Х	Х							of 24
10:30	6/13/24	S	1		V-10 @ 0-0.5'	16							х						Page 21 c
10:33	6/13/24	S	1		V-10 @ 2'	FJ		Х	х	х	х	х							Pag
10:37	6/13/24	S	1		V-10 @ 4'	18							х						
10:39	6/13/24	S	1		V-10 @ 6'	19		Х	Х	х	х	Х							
10:10	6/13/24	S	1		V-11 @ 0-0.5'	v							х						
date or time	of collection	is considered	d fraud and m	nay be grounds for le	gal action. <u>S</u> ampled by:												ceived on ice the day 5°C on subsequent d		ed or received
1	ed by: (Signa	41	Date 6/	14/74 12	Received by: (Signature)	Date 6-14-	24	Time	200	)	Rece	eived	on ice		ab U	lse Or I	nly		
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Relinquish	d by: (Signa	iture)	Date	.14.24 Time	200 Received by: (Signature)	Date Will	7/2	4	5.00		AVG			4					
Sample Matr	rix: <b>S</b> - Soil, <b>S</b> d	Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA								or or									



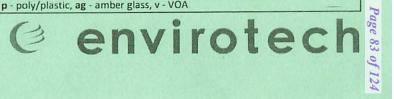
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Client:	

Project In	formation	1		ce x	- P	A.c	<u>w11712</u>	ш	Chain o	of Custody												Р	age <u>4</u>	of	Received by OCD: 8/14/2024 8:41:42 AM
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Project:	P8777	_ Lea	K 19			A	ttention:	Amber Grov	ves		Lab	WO#			Job 1		oer	10	2D	3D	St	andard	CWA	SDWA	
Project N	lanager:	Brett	Dennis			A	ddress: 20	01 South 4t	h St.		EA	Edel	49		211	02-1	1000					X			_ ∞
Address:								Zip: Artesia	a, New Mexico	)	MA				Analy	sis ar	nd Met	nod						RCRA	14/
City, Stat	e, Zip Ho	bbs, NM	88240				hone:					yd (											61.1		20.
Phone:	1								resources.com			/ORC										NM CO	State UT AZ	TVI	24
Email b		asman-ge	eo.com	A CONTRACTOR		-	PO Pendin	ig*				DRO	8021	8260	10	0.000		N		×			OI AZ	- 1^	8:4
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11:05	6/12/24	S	1				V-8 @	4'		11		х	х	X	х	Х									X
10:45	6/13/24	S	1				V-9 @ 0	-0.5'		12							Х								
10:47	6/13/24	S	1				V-9 @	2'		13		х	Х	Х	х	Х									
10:50	6/13/24	S	1				V-9 @	4'		14							х								
10:52	6/13/24	S	1				V-9 @	6'		15		Х	Х	х	X	X									of 24
10:30	6/13/24	S	1				V-10 @ 0	)-0.5'		16							х								Je 22
10:33	6/13/24	S	1				V-10 @	0 2'		FJ		Х	Х	Х	Х	Х									Page
10:37	6/13/24	S	1				V-10 @			18							х								
10:39	6/13/24	S	1				V-10 @	0 6'		19		Х	Х	Х	Х	X									
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Vilial	refre G	onzale	8 6-	14-24	1	530	CX	·M.	House level	6.14	1.14		63	00	<u>T1</u>			_ T2				<u>T3</u>			8
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Sample Matr	ix: S - Soil, Sd	- Solid, Sg - S	Sludge, A - Ac	queous, O - O	ther_					Containe	r Type	: g - g	lass,	p - po	ly/pla	astic,	ag - an	ber gl	ass, v	- VOA					1



Project Information
Client:

Project Ir	nformation	1		per	13.	D. L	117/2	4		Chain of	Custody												P	age 3	_ of	Received by OCD: 8/14/2024 8:41:42 AM
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Project:	2844	-lea	K150			Att	ention: A	Amber	Groves			Lab \	NO#		100	Job N	lumb	oer	1[	) 2D	3D	St	andard	CWA	SDW	A
Project N	Nanager:	Brett	Dennis						th 4th St.			EW	olel	49		211	02-1	1000					X			- 00
Address:	2620 W.	Marland	Blvd			Cit	y, State,	Zip: Ar	rtesia, New	v Mexico						Analy	sis an	d Met	hod	ABE II				MARIE .	RCRA	A 14
	e, Zip Ho	bbs, NM	88240			Pho	one:					74	ργ									PER				20.
Phone:					1	100000000000000000000000000000000000000	NAME AND ADDRESS OF THE OWNER, OR OTHER DESIGNATIONS OF THE OWNER, OWNER		argaresour	ces.com			ORG			5316							NA AL CO	State		24
-	dennis@t	asman-ge	eo.com			*P(	O Pendin	g*					ORO/	8021	09	0	0.00		2412		×		NM CC	OIOIP	ZIX	8:4
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	)						Number		TPH GRO/DRO/ORO by 8015	BTEX	VOC by 8260	Metals (	Chloride 300.0	Hold	0000		GDOC			Remar	ks	2 41
9:58	6/12/24	S	1				V-6 @ 0-	0.5'			1							х								
9:59	6/12/24	S	1				V-6 @	2'			2							X								
10:01	6/12/24	S	1				V-6 @	4'			3		х	Х	Х	х	х									
10:04	6/12/24	S	1				V-6 @	6'			4		х	х	X	Х	Х									
9:40	6/12/24	S	1				V-7 @ 0-	0.5			2							Х								of 24
9:42	6/12/24	S	1				V-7 @	2'			6							х								8
9:44	6/12/24	S	1				V-7 @	4'			7		Х	х	Х	Х	х									Page
9:45	6/12/24	S	1				V-7 @	6'			8		х	Х	х	х	х									
11:00	6/12/24	S	1				V-8 @ 0-	-0.5'			9							Х								
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	of collection				Two .	al action.		Sam	ipled by:	P	In.		415			Parven	a	311.078		9						
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Sample Matr	ix: S - Soil, Sd	- Solid, Sg - S	Sludge, A - Ac	queous, O - O	ther					0	Containe	r Type	: g - g	lass,	<b>p</b> - pc	ly/pla	istic,	ag - ar	nber g	lass, v	- VOA			Las Gil		P



Page 84 of 124

Printed: 6/17/2024 10:30:23AM

Raina Schwanz

Logged In By:

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

06/17/24 10:21

Instructions: Please take note of any NO checkmarks.

(432) 999-8675

Phone:

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. Date Received: 06/17/24 10:00 E406149 Client: Work Order ID:

Date Logged In:

06/21/24 17:00 (4 day TAT) bdennis@tasman-geo.com Email

#### Due Date: 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? No Yes 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, **Comments/Resolution** i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) Project name not listed on COC. Contacted Yes 6. Did the COC indicate standard TAT, or Expedited TAT? client for project name. Sampler not listed on Sample Cooler Yes 7. Was a sample cooler received? COC or samples. Project: 6844 Leak 150 8. If yes, was cooler received in good condition? Yes split between WOs E406148, E406149, & 9. Was the sample(s) received intact, i.e., not broken? Yes E406150 due to high sample volume. 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° Yes Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: $\underline{4^{\circ}C}$ Sample Container 14. Are aqueous VOC samples present? No NA 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? NA Yes 18. Are non-VOC samples collected in the correct containers? 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: Yes Sample ID? Date/Time Collected? Yes Collectors name? Nο 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: 6844\_Leak 150

Work Order: E406150

Job Number: 21102-0001

Received: 6/17/2024

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 7/17/24

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: 7/17/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 6844\_Leak 150

Workorder: E406150

Date Received: 6/17/2024 10:00:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/17/2024 10:00:00AM, under the Project Name: 6844 Leak 150.

The analytical test results summarized in this report with the Project Name: 6844\_Leak 150 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

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Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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### Sample Summary

Γ	Targa	Project Name:	6844_Leak 150	Reported:
ı	12600 WCR 91	Project Number:	21102-0001	Keporteu.
l	Midland TX, 79707	Project Manager:	Brett Dennis	07/17/24 13:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-11 @ 2'	E406150-01A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-11 @ 4'	E406150-02A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-11 @ 6'	E406150-03A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-12 @ 0-0.5'	E406150-04A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-12 @ 2'	E406150-05A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-12 @ 4'	E406150-06A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-12 @ 6	E406150-07A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-13 @ 0-0.5'	E406150-08A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-13 @ 2	E406150-09A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-14 @ 0-0.5'	E406150-10A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-14 @ 2'	E406150-11A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-14 @ 4'	E406150-12A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-15 @ 0-0.5'	E406150-13A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-15 @ 2'	E406150-14A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-15 @ 4'	E406150-15A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-15 @ 6'	E406150-16A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-16 @ 0-0.5'	E406150-17A	Soil	06/13/24	06/17/24	Glass Jar, 4 oz.
V-16 @ 2'	E406150-18A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-16 @ 4'	E406150-19A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-16 @ 6'	E406150-20A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-17 @ 0-0.5'	E406150-21A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-17 @ 2'	E406150-22A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-17 @ 4'	E406150-23A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.
V-17 @ 6'	E406150-24A	Soil	06/12/24	06/17/24	Glass Jar, 4 oz.



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM

#### V-11 @ 2' E406150-01

	12400130-01					
Result	Reporting Limit		ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: IY	<del>-</del>	Batch: 2425017
ND	0.0250		1	06/17/24	06/22/24	
ND	0.0250		1	06/17/24	06/22/24	
ND	0.0250		1	06/17/24	06/22/24	
ND	0.0250		1	06/17/24	06/22/24	
ND	0.0500		1	06/17/24	06/22/24	
ND	0.0250		1	06/17/24	06/22/24	
	95.5 %	70-130		06/17/24	06/22/24	
	94.3 %	70-130		06/17/24	06/22/24	
	98.8 %	70-130		06/17/24	06/22/24	
mg/kg	mg/kg		Analyst:	: IY		Batch: 2425017
ND	20.0		1	06/17/24	06/22/24	
	95.5 %	70-130		06/17/24	06/22/24	
	94.3 %	70-130		06/17/24	06/22/24	
	98.8 %	70-130		06/17/24	06/22/24	
mg/kg	mg/kg		Analyst:	: NV		Batch: 2425021
ND	25.0		1	06/17/24	06/19/24	
59.5	50.0		1	06/17/24	06/19/24	
	118 %	50-200		06/17/24	06/19/24	
	110 /0					
mg/kg	mg/kg		Analyst:	: JM		Batch: 2425036
	mg/kg ND	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           95.5 %         94.3 %           98.8 %         mg/kg           ND         20.0           95.5 %         94.3 %           98.8 %         mg/kg           Mg/kg         mg/kg           ND         25.0           59.5         50.0	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           95.5 %         70-130           94.3 %         70-130           98.8 %         70-130           mg/kg         mg/kg           ND         20.0           95.5 %         70-130           98.8 %         70-130           98.8 %         70-130           mg/kg         mg/kg           ND         25.0           59.5         50.0	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           95.5 %         70-130           98.8 %         70-130           mg/kg         mg/kg         Analyst           ND         20.0         1           95.5 %         70-130         98.8 %         70-130           mg/kg         mg/kg         Analyst           ND         25.0         1           59.5         50.0         1	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: IY           ND         0.0250         1         06/17/24           ND         0.0250         1         06/17/24           ND         0.0250         1         06/17/24           ND         0.0250         1         06/17/24           ND         0.0500         1         06/17/24           ND         0.0250         1         06/17/24           95.5 %         70-130         06/17/24           98.8 %         70-130         06/17/24           98.8 %         70-130         06/17/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         06/17/24           98.8 %         70-130         06/17/24           98.8 %         70-130         06/17/24           98.8 %         70-130         06/17/24           98.8 %         70-130         06/17/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         06/17/24           59.5         50.0         1         06/17/24	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         06/17/24         06/22/24           ND         0.0250         1         06/17/24         06/22/24           ND         0.0250         1         06/17/24         06/22/24           ND         0.0500         1         06/17/24         06/22/24           ND         0.0250         1         06/17/24         06/22/24           ND         0.0250         1         06/17/24         06/22/24           ND         0.0250         1         06/17/24         06/22/24           95.5 %         70-130         06/17/24         06/22/24           98.8 %         70-130         06/17/24         06/22/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         06/17/24         06/22/24           98.8 %         70-130         06/17/24         06/22/24           98.8 %         70-130         06/17/24         06/22/24           98.8 %         70-130         06/17/24         06/22/24



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM

#### V-11 @ 6' E406150-03

	E100100 00				
Result			on Prepared	Analyzed	Notes
		Aı	•		Batch: 2425017
		1	06/17/24	06/22/24	
	****	1	06/17/24	06/22/24	
ND	0.0250	1	06/17/24	06/22/24	
ND	0.0250	1	06/17/24	06/22/24	
ND	0.0500	1	06/17/24	06/22/24	
ND	0.0250	1	06/17/24	06/22/24	
	96.3 %	70-130	06/17/24	06/22/24	
	94.2 %	70-130	06/17/24	06/22/24	
	98.7 %	70-130	06/17/24	06/22/24	
mg/kg	mg/kg	Ai	nalyst: IY		Batch: 2425017
ND	20.0	1	06/17/24	06/22/24	
	96.3 %	70-130	06/17/24	06/22/24	
	94.2 %	70-130	06/17/24	06/22/24	
	98.7 %	70-130	06/17/24	06/22/24	
mg/kg	mg/kg	Ai	nalyst: NV		Batch: 2425021
ND	25.0	1	06/17/24	06/19/24	
ND	50.0	1	06/17/24	06/19/24	
	117 %	50-200	06/17/24	06/19/24	
mg/kg	mg/kg	A	nalyst: JM		Batch: 2425036
	ND ND ND mg/kg ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           96.3 %         94.2 %           98.7 %         mg/kg           ND         20.0           96.3 %         94.2 %           98.7 %         98.7 %           mg/kg         mg/kg           ND         25.0           ND         50.0	mg/kg         mg/kg         A           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           96.3 %         70-130           98.7 %         70-130           98.7 %         70-130           96.3 %         70-130           94.2 %         70-130           98.7 %         70-130           98.7 %         70-130           mg/kg         mg/kg           A         ND           25.0         1           ND         50.0           1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         06/17/24           ND         0.0250         1         06/17/24           ND         0.0250         1         06/17/24           ND         0.0250         1         06/17/24           ND         0.0500         1         06/17/24           ND         0.0250         1         06/17/24           ND         0.0250         1         06/17/24           96.3 %         70-130         06/17/24           98.7 %         70-130         06/17/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         06/17/24           94.2 %         70-130         06/17/24           98.7 %         70-130         06/17/24           98.7 %         70-130         06/17/24           98.7 %         70-130         06/17/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         06/17/24           ND         50.0         1         06/17/24	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         06/17/24         06/22/24           ND         0.0500         1         06/17/24         06/22/24           ND         0.0250         1         06/17/24         06/22/24           ND         0.0250         1         06/17/24         06/22/24           ND         0.0250         1         06/17/24         06/22/24           94.2 %         70-130         06/17/24         06/22/24           98.7 %         70-130         06/17/24         06/22/24           mg/kg         mg/kg         Analyst: IY         06/22/24           98.7 %         70-130         06/17/24         06/22/24           98.7 %         70-130         06/17/24         06/22/24           mg/kg         mg/kg         Analyst: NV           ND         25.

Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM

V-12 @ 2' E406150-05

		E400130-03					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2425017
Benzene	ND	0.0250	1		06/17/24	06/22/24	
Ethylbenzene	ND	0.0250	1		06/17/24	06/22/24	
Toluene	ND	0.0250	1		06/17/24	06/22/24	
o-Xylene	ND	0.0250	1		06/17/24	06/22/24	
p,m-Xylene	ND	0.0500	1		06/17/24	06/22/24	
Total Xylenes	ND	0.0250	1	l	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		96.2 %	70-130		06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		06/17/24	06/22/24	
Surrogate: Toluene-d8		98.6 %	70-130		06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: Γ	Y		Batch: 2425017
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ.	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		96.2 %	70-130		06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		06/17/24	06/22/24	
Surrogate: Toluene-d8		98.6 %	70-130		06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: N	IV		Batch: 2425021
Diesel Range Organics (C10-C28)	ND	25.0	1		06/17/24	06/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1		06/17/24	06/19/24	
Surrogate: n-Nonane		120 %	50-200		06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: J	М		Batch: 2425036
Chloride	ND	20.0	1		06/18/24	06/18/24	
Chloride	ND	20.0	1		06/18/24	06/18/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM

#### V-12 @ 6 E406150-07

		E400130-07				
	D 1	Reporting		D 1		N
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	alyst: IY		Batch: 2425017
Benzene	ND	0.0250	1	06/17/24	06/22/24	
Ethylbenzene	ND	0.0250	1	06/17/24	06/22/24	
Toluene	ND	0.0250	1	06/17/24	06/22/24	
o-Xylene	ND	0.0250	1	06/17/24	06/22/24	
p,m-Xylene	ND	0.0500	1	06/17/24	06/22/24	
Total Xylenes	ND	0.0250	1	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130	06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	06/17/24	06/22/24	
Surrogate: Toluene-d8		98.3 %	70-130	06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2425017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130	06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	06/17/24	06/22/24	
Surrogate: Toluene-d8		98.3 %	70-130	06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: NV		Batch: 2425021
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/24	06/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/24	06/19/24	
Surrogate: n-Nonane		112 %	50-200	06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: JM		Batch: 2425036
Chloride	ND	20.0	1	06/18/24	06/18/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM

#### V-13 @ 2 E406150-09

Domlt			ıti on	Duomonod	Amalayzad	Notes
Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2425017
ND	0.0250	1	1	06/17/24	06/22/24	
ND	0.0250	1	1	06/17/24	06/22/24	
ND	0.0250	1	1	06/17/24	06/22/24	
ND	0.0250	1	1	06/17/24	06/22/24	
ND	0.0500	1	1	06/17/24	06/22/24	
ND	0.0250	1	1	06/17/24	06/22/24	
	95.3 %	70-130		06/17/24	06/22/24	
	94.2 %	70-130		06/17/24	06/22/24	
	98.8 %	70-130		06/17/24	06/22/24	
mg/kg	mg/kg		Analyst:	IY		Batch: 2425017
ND	20.0	1	1	06/17/24	06/22/24	
	95.3 %	70-130		06/17/24	06/22/24	
	94.2 %	70-130		06/17/24	06/22/24	
	98.8 %	70-130		06/17/24	06/22/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2425021
30.5	25.0	1	1	06/17/24	06/19/24	
76.3	50.0	1	1	06/17/24	06/19/24	
	118 %	50-200		06/17/24	06/19/24	
mg/kg	mg/kg		Analyst:	JM		Batch: 2425036
ND	20.0	1	1	06/18/24	06/18/24	
	ND Mg/kg ND  mg/kg 30.5 76.3	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           95.3 %         94.2 %           98.8 %         mg/kg           ND         20.0           95.3 %         94.2 %           98.8 %         98.8 %           mg/kg         mg/kg           30.5         25.0           76.3         50.0           118 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           95.3 %         70-130           94.2 %         70-130           98.8 %         70-130           mg/kg         mg/kg           ND         20.0           95.3 %         70-130           94.2 %         70-130           98.8 %         70-130           mg/kg         mg/kg           30.5         25.0           76.3         50.0           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           95.3 %         70-130           98.8 %         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           95.3 %         70-130         70-130           98.8 %         70-130         70-130           98.8 %         70-130         70-130           mg/kg         mg/kg         Analyst:           30.5         25.0         1           118 %         50-200           mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         06/17/24           ND         0.0250         1         06/17/24           ND         0.0250         1         06/17/24           ND         0.0250         1         06/17/24           ND         0.0500         1         06/17/24           ND         0.0250         1         06/17/24           ND         0.0250         1         06/17/24           95.3 %         70-130         06/17/24           98.8 %         70-130         06/17/24           98.8 %         70-130         06/17/24           95.3 %         70-130         06/17/24           95.3 %         70-130         06/17/24           98.8 %         70-130         06/17/24           98.8 %         70-130         06/17/24           98.8 %         70-130         06/17/24           98.8 %         70-130         06/17/24           98.8 %         70-130         06/17/24           95.3 %         70-130         06/17/24           90.5         25.0	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         06/17/24         06/22/24           ND         0.0500         1         06/17/24         06/22/24           ND         0.0250         1         06/17/24         06/22/24           95.3 %         70-130         06/17/24         06/22/24           94.2 %         70-130         06/17/24         06/22/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         06/17/24         06/22/24           95.3 %         70-130         06/17/24         06/22/24           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         06/17/24         06/22/24           98.8 %         70-130         06/17/24         06/22/24           mg/kg         mg/kg         Analyst



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM

V-14 @ 2' E406150-11

		L400130-11				
Aughto	Result	Reporting Limit	Dilutio	n Prepared	A malvora d	Notes
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	alyst: IY		Batch: 2425017
Benzene	ND	0.0250	1	06/17/24	06/22/24	
Ethylbenzene	ND	0.0250	1	06/17/24	06/22/24	
Toluene	ND	0.0250	1	06/17/24	06/22/24	
o-Xylene	ND	0.0250	1	06/17/24	06/22/24	
p,m-Xylene	ND	0.0500	1	06/17/24	06/22/24	
Total Xylenes	ND	0.0250	1	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		96.1 %	70-130	06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	06/17/24	06/22/24	
Surrogate: Toluene-d8		100 %	70-130	06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2425017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		96.1 %	70-130	06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	06/17/24	06/22/24	
Surrogate: Toluene-d8		100 %	70-130	06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2425021
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/24	06/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/24	06/19/24	
Surrogate: n-Nonane		125 %	50-200	06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2425036
Chloride	408	20.0	1	06/18/24	06/18/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM

V-14 @ 4' E406150-12

		E400130-12				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilutio	on Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2425017
Benzene	ND	0.0250	1	06/17/24	06/22/24	
Ethylbenzene	ND	0.0250	1	06/17/24	06/22/24	
Toluene	ND	0.0250	1	06/17/24	06/22/24	
o-Xylene	ND	0.0250	1	06/17/24	06/22/24	
p,m-Xylene	ND	0.0500	1	06/17/24	06/22/24	
Total Xylenes	ND	0.0250	1	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		98.4 %	70-130	06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	06/17/24	06/22/24	
Surrogate: Toluene-d8		99.3 %	70-130	06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2425017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		98.4 %	70-130	06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	06/17/24	06/22/24	
Surrogate: Toluene-d8		99.3 %	70-130	06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2425021
Diesel Range Organics (C10-C28)	73.9	50.0	2	06/17/24	06/19/24	
Oil Range Organics (C28-C36)	ND	100	2	06/17/24	06/19/24	
Surrogate: n-Nonane		113 %	50-200	06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: JM		Batch: 2425036
Chloride	ND	20.0	1	06/18/24	06/18/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM

V-15 @ 2' E406150-14

		E400130-14					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2425017
Benzene	ND	0.0250	1	l	06/17/24	06/22/24	
Ethylbenzene	ND	0.0250	1	[	06/17/24	06/22/24	
Toluene	ND	0.0250	1	l	06/17/24	06/22/24	
o-Xylene	ND	0.0250	1	l	06/17/24	06/22/24	
p,m-Xylene	ND	0.0500	1	l	06/17/24	06/22/24	
Total Xylenes	ND	0.0250	1	l	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		95.7 %	70-130		06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130		06/17/24	06/22/24	
Surrogate: Toluene-d8		101 %	70-130		06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2425017
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		95.7 %	70-130		06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130		06/17/24	06/22/24	
Surrogate: Toluene-d8		101 %	70-130		06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2425021
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/17/24	06/19/24	
Oil Range Organics (C28-C36)	52.4	50.0	1	l	06/17/24	06/19/24	
Surrogate: n-Nonane		121 %	50-200		06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2425036
Chloride	109	20.0	1		06/18/24	06/18/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM

V-15 @ 6' E406150-16

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2425017
Benzene	ND	0.0250	1	06/17/24	06/22/24	
Ethylbenzene	ND	0.0250	1	06/17/24	06/22/24	
Toluene	ND	0.0250	1	06/17/24	06/22/24	
o-Xylene	ND	0.0250	1	06/17/24	06/22/24	
p,m-Xylene	ND	0.0500	1	06/17/24	06/22/24	
Total Xylenes	ND	0.0250	1	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		95.1 %	70-130	06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	06/17/24	06/22/24	
Surrogate: Toluene-d8		99.3 %	70-130	06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2425017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		95.1 %	70-130	06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	06/17/24	06/22/24	
Surrogate: Toluene-d8		99.3 %	70-130	06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2425021
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/24	06/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/24	06/19/24	
Surrogate: n-Nonane		123 %	50-200	06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM		Batch: 2425036
Chloride	115	20.0	1	06/18/24	06/18/24	

Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM

V-16 @ 4' E406150-19

Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Analyte	Result	Lillit	Diluti	on Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2425017
Benzene	ND	0.0250	1	06/17/24	06/22/24	
Ethylbenzene	ND	0.0250	1	06/17/24	06/22/24	
Toluene	ND	0.0250	1	06/17/24	06/22/24	
o-Xylene	ND	0.0250	1	06/17/24	06/22/24	
p,m-Xylene	ND	0.0500	1	06/17/24	06/22/24	
Total Xylenes	ND	0.0250	1	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		96.7 %	70-130	06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	06/17/24	06/22/24	
Surrogate: Toluene-d8		99.0 %	70-130	06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2425017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		96.7 %	70-130	06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	06/17/24	06/22/24	
Surrogate: Toluene-d8		99.0 %	70-130	06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2425021
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/24	06/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/24	06/19/24	
Surrogate: n-Nonane		112 %	50-200	06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	.nalyst: JM		Batch: 2425036
Chloride	ND	20.0	1	06/18/24	06/18/24	

Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM

V-16 @ 6' E406150-20

		E400130-20				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	nalyst: IY		Batch: 2425017
Benzene	ND	0.0250	1	06/17/24	06/22/24	
Ethylbenzene	ND	0.0250	1	06/17/24	06/22/24	
Toluene	ND	0.0250	1	06/17/24	06/22/24	
o-Xylene	ND	0.0250	1	06/17/24	06/22/24	
p,m-Xylene	ND	0.0500	1	06/17/24	06/22/24	
Total Xylenes	ND	0.0250	1	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		97.7 %	70-130	06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	06/17/24	06/22/24	
Surrogate: Toluene-d8		101 %	70-130	06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: IY		Batch: 2425017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/17/24	06/22/24	
Surrogate: Bromofluorobenzene		97.7 %	70-130	06/17/24	06/22/24	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	06/17/24	06/22/24	
Surrogate: Toluene-d8		101 %	70-130	06/17/24	06/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: NV		Batch: 2425021
Diesel Range Organics (C10-C28)	ND	25.0	1	06/17/24	06/19/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	06/17/24	06/19/24	
Surrogate: n-Nonane		115 %	50-200	06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: JM		Batch: 2425036
Chloride	ND	20.0	1	06/18/24	06/18/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM

V-17 @ 2' E406150-22

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2425023
Benzene	ND	0.0250	1	06/17/24	06/19/24	
Ethylbenzene	ND	0.0250	1	06/17/24	06/19/24	
Toluene	ND	0.0250	1	06/17/24	06/19/24	
o-Xylene	ND	0.0250	1	06/17/24	06/19/24	
p,m-Xylene	ND	0.0500	1	06/17/24	06/19/24	
Total Xylenes	ND	0.0250	1	06/17/24	06/19/24	
Surrogate: Bromofluorobenzene		110 %	70-130	06/17/24	06/19/24	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130	06/17/24	06/19/24	
Surrogate: Toluene-d8		106 %	70-130	06/17/24	06/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2425023
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/17/24	06/19/24	
Surrogate: Bromofluorobenzene		110 %	70-130	06/17/24	06/19/24	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130	06/17/24	06/19/24	
Surrogate: Toluene-d8		106 %	70-130	06/17/24	06/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2425018
Diesel Range Organics (C10-C28)	648	125	5	06/17/24	06/19/24	-
Oil Range Organics (C28-C36)	1140	250	5	06/17/24	06/19/24	
Surrogate: n-Nonane		116 %	50-200	06/17/24	06/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2425031
Chloride	171	20.0	1	06/18/24	06/18/24	



Targa	Project Name:	6844_Leak 150	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM

V-17 @ 6' E406150-24

	Reporting					
esult	Limit	Dil	lution	Prepared	Analyzed	Notes
		D1.		*	1 11111, 200	Batch: 2425023
					06/24/24	Daten. 2423023
			1			
			1			
1D	0.0250		1	06/17/24	06/24/24	
	97.2 %	70-130		06/17/24	06/24/24	
	91.0 %	70-130		06/17/24	06/24/24	
	99.5 %	70-130		06/17/24	06/24/24	
g/kg	mg/kg		Analyst:	IY		Batch: 2425023
ND	20.0		1	06/17/24	06/24/24	
	97.2 %	70-130		06/17/24	06/24/24	
	91.0 %	70-130		06/17/24	06/24/24	
	99.5 %	70-130		06/17/24	06/24/24	
g/kg	mg/kg		Analyst:	NV		Batch: 2425018
32	50.0		2	06/17/24	06/19/24	
98	100		2	06/17/24	06/19/24	
	119 %	50-200		06/17/24	06/19/24	
g/kg	mg/kg		Analyst:	DT		Batch: 2425031
	//kg 32 98	ID 0.0250 ID 0.0250 ID 0.0250 ID 0.0250 ID 0.0250 ID 0.0500 ID 0.0250 ID 0.0250 ID 0.0250 ID 0.0250  97.2 % 91.0 % 99.5 %  ID 20.0  97.2 % 91.0 % 99.5 %  g/kg mg/kg ID 20.0  110 % 99.5 %  110 % 119 %	ID 0.0250 ID 0.0250 ID 0.0250 ID 0.0250 ID 0.0500 ID 0.0250 ID 0.0500 ID 0.0250 ID 0.0	D	IID 0.0250 1 06/17/24 IID 0.0250 1 06/17/24 IID 0.0250 1 06/17/24 IID 0.0250 1 06/17/24 IID 0.0500 1 06/17/24 IID 0.0500 1 06/17/24 IID 0.0250 0 06/17/24	10

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

### **QC Summary Data**

6844 Leak 150 Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 Midland TX, 79707 Project Manager: Brett Dennis 7/17/2024 1:38:07PM Volatile Organic Compounds by EPA 8260B Analyst: IY Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2425017-BLK1) Prepared: 06/17/24 Analyzed: 06/24/24 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 o-Xylene ND 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250

LCS (2425017-BS1)						Prepared: 06/17/24 Analyzed: 06/24/24
Benzene	2.22	0.0250	2.50	88.9	70-130	
Ethylbenzene	2.34	0.0250	2.50	93.4	70-130	

0.500

0.500

0.500

98.8

87.9

101

70-130

70-130

70-130

Toluene	2.39	0.0250	2.50	95.4	70-130
o-Xylene	2.45	0.0250	2.50	98.2	70-130
p,m-Xylene	4.93	0.0500	5.00	98.7	70-130
Total Xylenes	7.39	0.0250	7.50	98.5	70-130
Surrogate: Bromofluorobenzene	0.492		0.500	98.4	70-130
Surrogate: 1.2-Dichloroethane-d4	0.456		0.500	91.1	70-130

0.494

0.440

0.503

Surrogate: Toluene-d8	0.500		0.500		99.9	70-130	
Matrix Spike (2425017-MS1)				Source:	E406150-1	12	Prepared: 06/17/24 Analyzed: 06/24/24
Benzene	2.14	0.0250	2.50	ND	85.7	48-131	

Ethylbenzene	2.24	0.0250	2.50	ND	89.7	45-135	
Toluene	2.30	0.0250	2.50	ND	91.9	48-130	
o-Xylene	2.34	0.0250	2.50	ND	93.6	43-135	
p,m-Xylene	4.67	0.0500	5.00	ND	93.4	43-135	
Total Xylenes	7.01	0.0250	7.50	ND	93.5	43-135	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130	
Surrogate: Toluene-d8	0.501		0.500		100	70-130	

Surrogale. Totuene-ao	0.301		0.500		100	70-130			
Matrix Spike Dup (2425017-MSD1)				Source:	E406150-	12	Prepared: 0	6/17/24 Analyzed: 06/2	24/24
Benzene	2.25	0.0250	2.50	ND	90.0	48-131	4.92	23	
Ethylbenzene	2.33	0.0250	2.50	ND	93.2	45-135	3.85	27	
Toluene	2.38	0.0250	2.50	ND	95.3	48-130	3.65	24	
o-Xylene	2.48	0.0250	2.50	ND	99.0	43-135	5.65	27	

Toluene	2.38	0.0250	2.50	ND	95.3	48-130	3.65	24
o-Xylene	2.48	0.0250	2.50	ND	99.0	43-135	5.65	27
p,m-Xylene	4.95	0.0500	5.00	ND	98.9	43-135	5.74	27
Total Xylenes	7.42	0.0250	7.50	ND	98.9	43-135	5.71	27
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130		
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130		

6844 Leak 150 Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 Midland TX, 79707 Project Manager: Brett Dennis 7/17/2024 1:38:07PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2425023-BLK1) Prepared: 06/17/24 Analyzed: 06/19/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.556 0.500 111 70-130 Surrogate: 1,2-Dichloroethane-d4 0.461 0.500 92.1 70-130 0.500 104 70-130 Surrogate: Toluene-d8 0.520 LCS (2425023-BS1) Prepared: 06/17/24 Analyzed: 06/19/24 2.32 0.0250 2.50 92.8 70-130 Benzene 2.46 2.50 98.5 70-130 Ethylbenzene 0.0250 2.40 0.0250 2.50 96.1 70-130 70-130 2.63 0.0250 2.50 105 o-Xylene 5.22 5.00 104 70-130 p,m-Xylene 0.0500 7.85 0.0250 7.50 105 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.579 0.500 116 70-130 0.500 96.3 70-130 Surrogate: 1,2-Dichloroethane-d4 0.482 70-130 Surrogate: Toluene-d8 0.506 0.500 Matrix Spike (2425023-MS1) Source: E406150-24 Prepared: 06/17/24 Analyzed: 06/19/24 2.31 0.0250 2.50 ND 92.4 48-131 45-135 Ethylbenzene 2.49 0.0250 2.50 ND 99.7 98.2 48-130 Toluene 2.46 0.0250 2.50 ND 2.61 0.0250 2.50 ND 104 43-135 o-Xylene ND 104 43-135 p,m-Xylene 5.21 0.0500 5.00 Total Xylenes 7.82 0.0250 7.50 ND 104 43-135

0.500

0.500

0.500

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

114

94.9

93.6

99.4

105

106

106

113

92.8

105

Source: E406150-24

ND

ND

ND

ND

ND

ND

70-130

70-130

70-130

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

1.25

0.959

1.17

0.592

1.53

1.22



Prepared: 06/17/24 Analyzed: 06/19/24

23

27

24

27

27

27

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Matrix Spike Dup (2425023-MSD1)

0.570

0.475

0.524

2.34

2.52

2.48

2.63

5.29

7.92

0.564

0.464

0.527

Analyst: IY

### **QC Summary Data**

6844\_Leak 150 Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 7/17/2024 1:38:07PM Midland TX, 79707 Project Manager: Brett Dennis

Nonhalogenated Organics by EPA 8015D - GRO
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Analyte		Reporting	Spike	Source		Rec		RPD	
,	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Notes nalyzed: 06/24/24		
nalyzed: 06/24/24		
nalyzed: 06/24/24		
nalyzed: 06/24/24		
Prepared: 06/17/24 Analyzed: 06/24/24		
naiyzed: 06/24/24		
naiyzed: 06/24/24		
naiyzed: 06/24/24		
naiyzed: 06/24/24		



Analyst: IY

### **QC Summary Data**

 Targa
 Project Name:
 6844\_Leak 150
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 7/17/2024
 1:38:07PM

Vonhalogenated	Organice	by FDA	2015D	CPO

Analyte		Reporting	Spike	Source		Rec		RPD	
,	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

	Result	Limit	Level	Result	Rec	Limits	RPD	Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2425023-BLK1)							Prepared: 06	5/17/24 Analy	yzed: 06/19/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: Bromofluorobenzene	0.556		0.500		111	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.461		0.500		92.1	70-130				
Surrogate: Toluene-d8	0.520		0.500		104	70-130				
LCS (2425023-BS2)							Prepared: 00	5/17/24 Analy	yzed: 06/19/24	
Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	·	101	70-130		·		
Surrogate: Bromofluorobenzene	0.549		0.500		110	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.457		0.500		91.4	70-130				
Surrogate: Toluene-d8	0.519		0.500		104	70-130				
Matrix Spike (2425023-MS2)				Source:	E406150-	24	Prepared: 06	5/17/24 Analy	yzed: 06/19/24	
Gasoline Range Organics (C6-C10)	56.0	20.0	50.0	ND	112	70-130				
Surrogate: Bromofluorobenzene	0.569		0.500		114	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.460		0.500		91.9	70-130				
Surrogate: Toluene-d8	0.538		0.500		108	70-130				
Matrix Spike Dup (2425023-MSD2)				Source:	E406150-	24	Prepared: 06/17/24 Analyzed: 06/19/24			
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130	2.65	20		
Surrogate: Bromofluorobenzene	0.560		0.500		112	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.452		0.500		90.3	70-130				
Surrogate: Toluene-d8	0.535		0.500		107	70-130				



 Targa
 Project Name:
 6844\_Leak 150
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 7/17/2024
 1:38:07PM

Midland TX, 79707		Project Manage	r: Br	ett Dennis				7/1	7/2024 1:38:07PM		
	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: NV			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2425018-BLK1)							Prepared: 0	6/17/24 Analy	vzed: 06/18/24		
Diesel Range Organics (C10-C28)	ND	25.0									
Dil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	59.7		50.0		119	50-200					
LCS (2425018-BS1)							Prepared: 0	6/17/24 Analy	zed: 06/18/24		
Diesel Range Organics (C10-C28)	302	25.0	250		121	38-132					
Surrogate: n-Nonane	59.1		50.0		118	50-200					
Matrix Spike (2425018-MS1)				Source:	E406147-	06	Prepared: 0	6/17/24 Analy	zed: 06/18/24		
Diesel Range Organics (C10-C28)	1870	500	250	1800	29.2	38-132			M4		
Surrogate: n-Nonane	60.7		50.0		121	50-200					
Matrix Spike Dup (2425018-MSD1)				Source:	E406147-	06	Prepared: 0	6/17/24 Analy	zed: 06/18/24		
Diesel Range Organics (C10-C28)	1830	500	250	1800	13.8	38-132	2.07	20	M4		
Surrogate: n-Nonane	60.9		50.0		122	50-200					



Targa	Project Name:	6844_Leak 150	Reported:
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM

Midland TX, 79707		Project Manager	r: Br	ett Dennis					7/17/2024 1:38:07PN
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2425021-BLK1)							Prepared: 0	6/17/24 Aı	nalyzed: 06/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	58.2		50.0		116	50-200			
LCS (2425021-BS1)							Prepared: 0	6/17/24 Aı	nalyzed: 06/19/24
Diesel Range Organics (C10-C28)	325	25.0	250		130	38-132			
urrogate: n-Nonane	57.9		50.0		116	50-200			
Matrix Spike (2425021-MS1)				Source:	E406150-	12	Prepared: 0	6/17/24 Aı	nalyzed: 06/19/24
Diesel Range Organics (C10-C28)	377	50.0	250	73.9	121	38-132			
urrogate: n-Nonane	59.7		50.0		119	50-200			
Matrix Spike Dup (2425021-MSD1)				Source:	E406150-	12	Prepared: 0	6/17/24 Aı	nalyzed: 06/19/24
Diesel Range Organics (C10-C28)	363	50.0	250	73.9	116	38-132	3.77	20	
urrogate: n-Nonane	61.3		50.0		123	50-200			



Targa 12600 WCR 91	Project Name: Project Number:	6844_Leak 150 21102-0001	Reported:		
Midland TX, 79707	Project Manager:	Brett Dennis	7/17/2024 1:38:07PM		

Midiand 1X, 79707		Project Manage	r: Br	ett Dennis					//1//2024 1:58:0/PM
		Anions by EPA 300.0/9056A							Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2425031-BLK1)							Prepared: 0	6/18/24 Aı	nalyzed: 06/18/24
Chloride	ND	20.0							
LCS (2425031-BS1)							Prepared: 0	6/18/24 Aı	nalyzed: 06/18/24
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2425031-MS1)				Source:	E406153-	03	Prepared: 0	6/18/24 Aı	nalyzed: 06/18/24
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2425031-MSD1)				Source:	E406153-	03	Prepared: 0	6/18/24 Aı	nalyzed: 06/18/24
Chloride	255	20.0	250	ND	102	80-120	0.212	20	



# **QC Summary Data**

Targa		Project Name:	68	344_Leak 150					Reported:
12600 WCR 91		Project Number:	21	1102-0001					•
Midland TX, 79707		Project Manager	: B	rett Dennis					7/17/2024 1:38:07PM
		Anions	by EPA 3	300.0/9056A					Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2425036-BLK1)							Prepared: 0	6/18/24 A	nalyzed: 06/18/24
Chloride	ND	20.0							
LCS (2425036-BS1)							Prepared: 0	6/18/24 A	nalyzed: 06/18/24
Chloride	250	20.0	250		99.9	90-110			
Matrix Spike (2425036-MS1)				Source: 1	E406150-	05	Prepared: 0	6/18/24 A	nalyzed: 06/18/24
Chloride	265	20.0	250	ND	106	80-120			
Matrix Spike Dup (2425036-MSD1)				Source: 1	E406150-	05	Prepared: 0	6/18/24 A	nalyzed: 06/18/24
Chloride	266	20.0	250	ND	106	80-120	0.287	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: 6844_Leak 150	
l	12600 WCR 91	Project Number: 21102-0001	Reported:
l	Midland TX, 79707	Project Manager: Brett Dennis	07/17/24 13:38

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The

associated LCS spike recovery was acceptable.

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.



Client:		Targa R	esources			Bill To				La	b Us	e On	ly				TA	AT .	EPA P	rogram
Project:					-	tion: Amber Groves		Lab	WO#			Job N			1D	2D	3D	Standard	CWA	SDWA
Project N	/lanager:	Brett	Dennis		Addre	ess: 201 South 4th St.		E	404	SISI		Access 2 2		1000				X		9
¥	2620 W.	DAMES - SERVICE -	210742 20000 200		A STATE OF THE STA	State, Zip: Artesia, New Mexico			,,	-		Analy	sis ar	nd Meth	od					RCRA
	e, Zip Ho	bbs, NM	88240		Phon			-	by (											
Phone:						:agroves@targaresources.com			ORC									NA CO	State	I TV I
3	dennis@1	asman-g	eo.com		*PO I	Pending*			DRO/	121	09	10	0.00		Σ			NM CO	UT AZ	TX
Report d			T				Lab	+	RO/I	by 8021	y 82	s 601	de 30		2			×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		1	Number		TPH GRO/DRO/ORO by 8015	BTEX	VOC by 8260	Metals 6010	Chloride 300.0	Hold	BGDOC		GDOC		Remarks	
10:12	6/13/24	S	1		V	/-11 @ 2'	1		Х	Х	Х	Х	X							
10:14	6/13/24	S	1		V	/-11 @ 4'	2							х						
10:16	6/13/24	S	1		V	/-11 @ 6'	3		х	Х	Х	Х	Х							
9:45	6/13/24	S	1		V-1	12 @ 0-0.5'	4							Х						
9:47	6/13/24	S	1		V	/-12 @ 2'	5		Х	Х	Х	Х	Х							of 33
9:50	6/13/24	S	- 1		V	/-12 @ 4'	6							х						
9:54	6/13/24	S	1		V	/-12 @ 6'	7		Х	Х	Х	Х	Х							Pag
11:10	6/12/24	S	1		V-1	L3 @ 0-0.5'	8							Х						
11:13	6/12/24	S	1		١	/-13 @ 2'	9		х	Х	Х	х	Х							
8:10	6/13/24	S	1		V-1	14 @ 0-0.5'	10							х						
Relinquishe Relinquishe	e of collection ed by: (Signated by: (Signat	iture)	Date  Of  Date  Date  Date	1424 15 Time	530	Sampled by:  Received by: (Signature)  Received by: (Signature)  Received by: (Signature)	Date  O-14  Date  O-14  Date		Time Time	63		Rece	eived		mp above	0 but le	ss than 6	reived on ice the day °C on subsequent da  Ily  T3		d or received
	( ) ( )	Collet C-				Mary Dellach	Containe						310 C+ 5500 C		her ala	SS W-	VOA			Or Co
Sample Mat	rix: <b>3</b> - Soil, <b>S</b> c	- Solid, <b>Sg</b> -	Siuage, A - A	queous, <b>O</b> - Other			Containe	i iyhe	. <b>6</b> - 8	1035,	<b>h</b> - hc	yyy pic	astic,	ag - aili	nei Rig	33, V -	VOA			



Silent:   Targa Resources   Project:   Project:   Attention: Amber Groves   Address: 201 South 4th St.   City, State, Zip: Artesia, New Mexico   Phone:   Email: agroves@targaresources.com   PPO Pending*   Targa Resources   Address: 201 South 4th St.   City, State, Zip: Artesia, New Mexico   Phone:   Email: agroves@targaresources.com   PPO Pending*   Targa Resource   Targa Resources   T	State	SDWA RCRA
City, State, Zip: Artesia, New Mexico   Phone:   Email: agroves@targaresources.com   *PO Pending*   PO Pending*	State UT AZ 1	14/20
Phone:   P	State UT AZ 1	14/20
Phone:	UT AZ 1	TX
8:12 6/13/24 S 1 V-14 @ 2'	UT AZ 1	TX
8:12 6/13/24 S 1 V-14 @ 2'  8:14 6/13/24 S 1 V-14 @ 4'  8:20 6/13/24 S 1 V-15 @ 0-0.5'  8:22 6/13/24 S 1 V-15 @ 2'  1		70.77.42
8:12 6/13/24 S 1 V-14 @ 2'  8:14 6/13/24 S 1 V-14 @ 4'  8:20 6/13/24 S 1 V-15 @ 0-0.5'  8:22 6/13/24 S 1 V-15 @ 2'  1	Remarks	71.74
8:12       6/13/24       S       1       V-14 @ 2'       (       X		ZIZZ
8:20 6/13/24 S 1 V-15 @ 0-0.5'		
8:22 6/13/24 S 1 V-15 @ 2' X X X X X X		
6/13/24 5 1		
8:24 6/13/24 S 1 V-15 @ 4'		
		of 33
8:26 6/13/24 S 1 V-15 @ 6' X X X X X		 
8:48 6/13/24 S 1 V-16 @ 0-0.5'		Pag
8:50 6/12/24 S 1 V-16 @ 2'		
8:52 6/12/24 S 1 V-16 @ 4' X X X X X X		
8:55 6/13/24 S 1 V-16 @ 6' X X X X X		
Samples requiring thermal preservation must be received on ice the day the date or time of collection is considered fraud and may be grounds for legal action.  Sampled by:  Sampled by:		or received
Relinquished by: (Signature)  Date    Date   Time   Received by: (Signature)   Date   Time   Lab Use Only		
Reliablished by: (Signature)  Date  Time  Received by: (Signature)  Date  Gorgales  L14-24  Time  Received by: (Signature)  C1-14-14  Time  C3-14-14  Tame  T3  T3		
Relinquished by: (Signature)  Date    Date   Time   Color   Co		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA		280



Client:		Targa R	esources		Bill To				Li	ab U	se On	ly					TA	Т	EPA P	rogram 🗦
<u> Project:</u>					Attention: Amber Groves		Lab	WO#	1	0	Job I			1	.D 2	2D	3D	Standard	CWA	SDWA
	Manager:		Dennis		Address: 201 South 4th St.		E,	401	00	0			1000					X		DCDA
	2620 W. e, Zip Ho	and the second second	TOWN DOLLARS STORY		City, State, Zip: Artesia, New Mexico Phone:		-	T		_	Analy	sis a	nd Meth	nod				_		RCRA
Phone:	e, zip no	DDS, INIVI	88240		Email:agroves@targaresources.com			0 by											State	
-	dennis@1	asman-g	eo.com		*PO Pending*			J/0F				0			5			NM CO	200000000000000000000000000000000000000	TX
Report d					TO TEHRING			/DR(	8021	3260	010	300.		- 1	Σ Z		ĭ	×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	1 7	Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Hold		ВСБОС		GDOC		Remarks	8:41:42
9:20	6/12/24	S	1		V-17 @ 0-0.5'	21							х							1
9:22	6/12/24	S	1		V-17 @ 2'	22		Х	х	х	Х	х								
9:24	6/12/24	S	1		V-17 @ 4'	23							х							
9:25	6/12/24	S	1		V-17 @ 6'	24		Х	Х	Х	Х	Х								
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date or time	of collection	is considered	I fraud and m	ay be grounds for leg	al action. Sampled by:						3.55							ived on ice the day 'C on subsequent da		ed or received
Relinquishe			Date	Time	Received by: (Signature)	Date (0-14-	24	Time	100		Rece	eived	on ice		Lak (Y)/		e Onl	У		
Mich	ed by: (Signa	onzale	g Gate	14-14 Time	Received by: (Signature)	Date (0.14	, , , , , , , , , , , , , , , , , , , ,	Time	63	00	T1				Γ2			<u>T3</u>		
Relinquishe	d by: Signa	ture)	Date	14.24 7	200 Received by: (Signature)	Date	14	Time	) . O		AVG	Ten	np °C	4						
Sample Matr	ix: <b>S</b> - Soil, <b>S</b> d	- Solid, Sg - S		ueous, O - Other		Containe		e: <b>g</b> - g	glass,	<b>p</b> - po	oly/pla	astic,	ag - am	ber g	glass,	v - V	OA			nge uge



Printed: 6/17/2024 10:43:57AM

## **Envirotech Analytical Laboratory**

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. Date Received: 06/17/24 10:00 E406150 Client: Work Order ID: (432) 999-8675 06/17/24 10:33 Logged In By: Raina Schwanz Phone: Date Logged In: bdennis@tasman-geo.com Due Date: 06/21/24 17:00 (4 day TAT) Email 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? No Yes 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, **Comments/Resolution** i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) Project name not listed on COC. Contacted Yes 6. Did the COC indicate standard TAT, or Expedited TAT? client for project name. Sampler not listed on Sample Cooler Yes 7. Was a sample cooler received? COC or samples. Project: 6844 Leak 150 8. If yes, was cooler received in good condition? Yes split between WOs E406148, E406149, & 9. Was the sample(s) received intact, i.e., not broken? Yes E406150 due to high sample volume. 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° Yes Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature:  $\underline{4^{\circ}C}$ Sample Container 14. Are aqueous VOC samples present? No NA 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? NA Yes 18. Are non-VOC samples collected in the correct containers? 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: Yes Sample ID? 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** 

> envirotech Inc. Date

Proj	ect	Inform	ation
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Chain of Custody

Received by OCD: 8/14/2024 8:41:42 AM

				per	B.0	. 611	7/2	1 KAS	3																	
Client:		Targa R	esources						Bill To				A	La	b Us	e Or	ily	to b	183			TA			EPA F	rogram
	10804		akls	O					Groves			Lab	WO#				Num			1D	2D	3D	St	andard	CWA	SDWA
	Manager:		Dennis			Add	ress: 2	01 Sout	th 4th St			E	400	512				000						X		
NAME AND ADDRESS OF TAXABLE PARTY.	2620 W.	The second second	CONTRACTOR CONTRACTOR			City,	State,	Zip: Ar	rtesia, No	ew Mexico						Analy	ysis a	nd Me	ethod	esua!						RCRA
The second second second	te, Zip Ho	bbs, NM	88240			Phor	ne:						by				1			E B		1				
Phone:						Ema	il:agro	ves@ta	argareso	urces.com			ORO												State	
Email	odennis@	tasman-g	eo.com			*P0	Pendi	ng*					RO/C	-	ф		0.0			Z		~		NM CO	UT AZ	TX
Report	lue by:												0/0	802	826	1 3	e 30					¥		×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	)						Lab Number		трн GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8269	Metals	Chloride 300	Hold		BGDOC		GDOC			Remark	s
10:12	6/13/24	S	1				V-11 @	อ 2'			1		х	Х	×	x	х							Analy	ses Ca	neelle
10:14	6/13/24	S	1				V-11 @	D 4'			2							х						per 0	.Deni	incelled
10:16	6/13/24	S	1				V-11 @	D 6'			3		Х	Х	x	x	х							ex		
9:45	6/13/24	S	1			V-	12@	0-0.5'			4							X								
9:47	6/13/24	S	1				V-12 @	D 2'			5		Х	х	x	x	х									
9:50	6/13/24	S	1				V-12 @	D 4'			6							х								
9:54	6/13/24	S	1				V-12 @	৯ 6'			7		Х	Х	x	x	X									
11:10	6/12/24	S	1			V-	13 @	0-0.5'			8							х								
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8:10	6/13/24	S	1			V-	14 @	0-0.5'			10				ı			х						1 74 T 1		Service &
date or tim	e of collection	is considere	d fraud and n	nay be ground	s for legal	action.		Samp	pled by:															on ice the day to subsequent day		led or received
1	ed by: (Sign	4	Date	lyhy	Time	w				ngales	Date (0-14-	24	Time	100		Rec	eivec	l on i	ce:		ab Us	se On	ily			
	helle		les 6-	14-24	Time 150	30	01	by: Usig			6.14		Time	63	0	T1				<u>T2</u>				<u>T3</u>		
Relinquist	ed by: Sign	ature)	Date	.14.14	14.14 2200 Received by: (Signature)					Date U17	rhu	Time	:00		AVG	Ten	np °C	4								
Sample Ma		d - Solid, Sg -	Sludge, A - A	queous, O - O	ther						Containe					oly/pl	astic,	ag - a	mbe	glas	s, v - '	VOA				

p - poly/plastic, ag - amber glass, v - VOA

envirotech

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Pro	ject	Infe	orma	tion
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Page 1	of [	

Project Ir	nformation	1		001	r b	' .a	- اعا	ylm lay	Chai	in of Cus	stody												Pa	nge 6	of	Received by OCD:
Client:		Targa R	esources	· po		Ĭ		, to pio	Bill To					La	b Us	e On	ly				TA	AT		EPA F	rogram	70
Project:	L844	- lease	KO				Atte	ntion: Amber	Groves			Lab \	WO#			Job N	Numb	er	1D	2D	3D	Sta	andard	CWA	SDWA	3
Project N			Dennis				Addr	ress: 201 Sout	th 4th St.			E 4	1016	120		21	105	-000	1				X			
Address:	2620 W.	Marland	Blvd				City,	State, Zip: Ar	tesia, New Mex	xico		10000				Analy	sis an	d Meth	od						RCRA	8/14/2024
	e, Zip Ho	bbs, NM	88240				Phor						þý									H	Emberral Control			/20
Phone:							Ema	il:agroves@ta	argaresources.co	om			ORO											State	TT	24
	dennis@t	asman-g	eo.com				*P0	Pending*					RO/	21	•	ф	0.00		Z	100	×		NM CO	UT AZ	TX	- 00
Report d	ue by:												RO/D	y 80	4	109.5	de 30						×			8:41:42
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample I	D					The state of the s	Lab ımber		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8266	Metals 6010	Chloride 300.0	НоІд	BGDOC		GDOC			Remarks	s	42 Al
8:12	6/13/24	S	1					V-14 @ 2'			11		Х	Х	X	X	Х						Ana	1450	Cane	elled
8:14	6/13/24	S	1					V-14 @ 4'			12		X	Х	×	X	Х						perp	Den 1	nis7111	5/14
8:20	6/13/24	S	1				V-	15 @ 0-0.5'			13							х							(QA	4
8:22	6/13/24	S	1					V-15 @ 2'			14		х	Х	×	х	х									
8:24	6/13/24	S	1					V-15 @ 4'			12							Х								
8:26	6/13/24	S	1					V-15 @ 6'			16		Х	х	x	х	х									
8:48	6/13/24	S	1				V-	16 @ 0-0.5'			17							Х								
8:50	6/12/24	S	1					V-16 @ 2'		1	l							х					t			
8:52	6/12/24	S	1					V-16 @ 4'		1	19		х	х	x	x	Х						A	in the second of	+1 400	
8:55	6/13/24	S	1					V-16 @ 6'			w		х	X	×	×	Х						47.77	100		
date or time	of collection	is considered	I fraud and m	ay be groun	ds for le	gal acti	ion.	Samo	oled by:							Section 2 in case							n ice the day t ubsequent da		led or received	
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Project I	nformation
Client	

Page 1	of	1
106-1-	UI _	Y

Project Ir	formation	1		nor 120	101-	Chain (24 VA)	of Custody												Pag	ge <u>1</u> c	ogram SDWA RCRA
Client:		Targa R	esources	.pa o.	ع الع	Bill To				12	ab Us	e Or	ılv		1		TA	AT		EPA Pr	ogram
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City, Stat	e, Zip Ho	bbs, NM	88240		P	hone:			λc		30										
Phone:					E	mail:agroves@targaresources.com	m		ORO				100							State	
Email b	dennis@t	asman-ge	eo.com		*	PO Pending*			3/01				0.0		ΣZ		_	N	M CO	UT AZ	TX
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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 373630

## **QUESTIONS**

Operator:	OGRID:				
TARGA MIDSTREAM SERVICES LLC	24650				
811 Louisiana Street	Action Number:				
Houston, TX 77002	373630				
	Action Type:				
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)				

#### QUESTIONS

Prerequisites					
Incident ID (n#)	nAPP2335641154				
Incident Name	NAPP2335641154 LEAK #150 @ 0				
Incident Type	Natural Gas Release				
Incident Status	Remediation Plan Received				
Incident Facility	[fAPP2123021777] Targa NM Gathering System				

Location of Release Source					
Please answer all the questions in this group.					
Site Name	Leak #150				
Date Release Discovered	12/21/2023				
Surface Owner	State				

Incident Details					
Please answer all the questions in this group.					
Incident Type	Natural Gas Release				
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	Cause: Corrosion   Pipeline (Any)   Condensate   Released: 380 BBL   Recovered: 15 BBL   Lost: 365 BBL.					
Natural Gas Vented (Mcf) Details	Cause: Corrosion   Pipeline (Any)   Natural Gas Vented   Released: 36 MCF   Recovered: 0 MCF   Lost: 36 MCF.					
Natural Gas Flared (Mcf) Details	Not answered.					
Other Released Details	Not answered.					
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.					

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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, Page 2

Action 373630

QUESTI	ONS (continued)				
Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650 Action Number: 373630 Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)				
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	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.	e. gas only) are to be submitted on the C-129 form.				
nitial Response					
The responsible party must undertake the following actions immediately unless they could create a s	afety 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.				
	I ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative led or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.				
to report and/or file certain release notifications and perform corrective actions for release	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by 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

Name: Amber Groves Title: Environmental Specialist

Email: agroves@targaresources.com

I hereby agree and sign off to the above statement

local laws and/or regulations.

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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, Page 3

Action 373630

**QUESTIONS** (continued)

Operator:	OGRID:				
TARGA MIDSTREAM SERVICES LLC	24650				
811 Louisiana Street	Action Number:				
Houston, TX 77002	373630				
	Action Type:				
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)				

#### 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 26 and 50 (ft.)				
What method was used to determine the depth to ground water	Direct Measurement				
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)	Zero feet, overlying, or within area				
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	Between 200 and 300 (ft.)				
Any other fresh water well or spring	Between ½ and 1 (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	Yes				

Remediation Plan					
Please answer all the questions that apply or are indicated. This information must be pro	vided 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 conta	mination 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)	3680				
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	100900				
GRO+DRO (EPA SW-846 Method 8015M)	63500				
BTEX (EPA SW-846 Method 8021B or 8260B)	18.2				
Benzene (EPA SW-846 Method 8021B or 8260B)	0.9				
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes cowhich includes the anticipated timelines for beginning and completing the remediation.	ompleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,				
On what estimated date will the remediation commence 10/02/2024					
On what date will (or did) the final sampling or liner inspection occur	10/28/2024				
On what date will (or was) the remediation complete(d)	10/28/2024				
What is the estimated surface area (in square feet) that will be reclaimed	32000				
What is the estimated volume (in cubic yards) that will be reclaimed	18000				
What is the estimated surface area (in square feet) that will be remediated	32000				
What is the estimated volume (in cubic yards) that will be remediated	18000				
These estimated dates and measurements are recognized to be the best guess or calculate	tion 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 adju	isted 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.

District I

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Phone:(575) 748-1283 Fax:(575) 748-9720 <u>District III</u>
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, Page 4

Action 373630

**QUESTIONS** (continued)

Operator:	OGRID:			
TARGA MIDSTREAM SERVICES LLC	24650			
811 Louisiana Street	Action Number: 373630 Action Type:			
Houston, TX 77002				
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)			

#### 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	C&C LANDFARM [fEEM0112336874]			
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.			
<b>OR</b> is the <b>off-site</b> 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)	No			

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: 08/14/2024

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

QUESTIONS, Page 5

Action 373630

### **QUESTIONS** (continued)

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC	24650
811 Louisiana Street	Action Number:
Houston, TX 77002	373630
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### 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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Requesting a remediation closure approval with this submission

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

QUESTIONS, Page 6

Action 373630

QUESTIONS (continued)	QL	<b>JEST</b>	IONS	(continued)
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Operator:	OGRID:		
TARGA MIDSTREAM SERVICES LLC	24650		
811 Louisiana Street	Action Number:		
Houston, TX 77002	373630		
	Action Type:		
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)		
QUESTIONS			
Sampling Event Information			
Last sampling notification (C-141N) recorded	{Unavailable.}		
Remediation Closure Request			
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.			

No

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

CONDITIONS

Action 373630

## **CONDITIONS**

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC	24650
811 Louisiana Street	Action Number:
Houston, TX 77002	373630
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

### CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved as written except its sampling plan. Sampling must meet the 200 square feet per 5-point composite for both the excavation floor and sidewalls based on the depth to water determination and other sitings affected. Targa has 90-days (November 12, 2024) to submit to OCD its appropriate or final remediation closure report.	8/14/2024