# **GRAHAM LATERAL 8"**Remediation Action Plan

NMOCD Incident No. nAPP2424231917 UL "A", Sec. 2, T22S, R31E 32.428326, -103.7400113 Eddy County, New Mexico

April 3, 2025



#### 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





April 3, 2025

Targa Resources 201 South 4th Street Artesia, NM 88210

Attn: Ms. Amber Groves

Email: agroves@targaresources.com

Re: Remediation Action Plan

Graham Lateral 8"

UL "A", Section 2, Township 22 South, Range 31 East

Eddy County, New Mexico

NMOCD Incident No. nAPP2424231917

Tasman Project No. 8339

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 release of natural gas and natural gas condensate to the surrounding environmental media.

Tasman conducted initial assessment activities, identifying an approximately 8,899 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 assessment sampling activities, impacted soil within the release area has been delineated to the applicable NMOCD Action Level. 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** 

Sr. Project Manager

bdennis@tasman-geo.com

Kyle Norman

SW Regional Manager

knorman@tasman-geo.com



#### **TABLE OF CONTENTS**

1.0	INTRODUCTION	.1
	1.1 Site Description	
	1.2 Release Detail and Initial Response	
	1.3 Cultural Properties Assessment	
2.0	SITE CHARACTERISTICS	. 1
	2.1 Depth to Groundwater	. 1
	2.2 Karst Potential & Subsurface Mines	. 2
	2.3 Distance to Nearest Potable Water Well	. 2
	2.4 Distance to Nearest Surface Water	. 2
	2.5 100-year Floodplain	
	2.6 Residence, School, Hospital, or Institution	
	2.7 Proximity to Sensitive Receptors and Site Characteristics Summary	
3.0	REMEDIATION ACTION LEVELS	
	3.1 Reclamation Levels	. 4
4.0	RELEASE ASSESSMENT	. 4
	4.1 Soil Sampling Procedures for Laboratory Analysis	. 4
	4.2 Soil Analytical Methods	
	4.3 Release Area Assessment Data Evaluation	
5.0	PROPOSED REMEDIAL ACTIONS	. 5
	5.1 Variance Request	. 5
6.0	PROPOSED RECLAMATION AND REVEGETATION	

#### **Figures**

Figure 1 – Site Location & Groundwater Map

Figure 2 – Karst Potential & Subsurface Mine Map

Figure 3 – Surface Water Map

Figure 4 – FEMA FIRMete Map

Figure 5 – Excavation Overview Map

#### **Tables**

Table 1 – Soil Sample Analytical Summary – Delineation Soil Samples

Appendix A – Initial Form C-141 and NMOCD Notifications

Appendix B – ARMS Cover Page

Appendix C – Depth to Groundwater Information

Appendix D – Photographic Log

**Appendix E – Certified Laboratory Analytical Reports** 

Appendix F – Soil Type & Seed Mixture



#### 1.0 INTRODUCTION

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

#### 1.1 Site Description

The site is located in Unit Letter "A" of Section 2, Township 22 South, Range 31 East in Eddy County, New Mexico. The release occurred from a Targa owned and operated natural gas pipeline on New Mexico State Trust Land (NMSLO) property.

#### 1.2 Release Detail and Initial Response

On August 28, 2024, a release from Graham Lateral pipeline was discovered by Targa personnel. On August 29, 2024, Targa provided a notice of release, and on September 6, 2024, Targa provided Initial Form C-141 to the NMOCD portal. The release resulted in the loss of approximately 161 thousand cubic feet (mcf) of natural gas and approximately 6 barrels (bbls) of natural gas condensate to the surrounding environmental media. Targa personnel shut in the pipeline to isolate the release. The line was later repaired and returned to service. A copy of NMOCD notifications are provided in Appendix A.

#### 1.3 Cultural Properties Assessment

On October 30, 2024, a third party conducted a review of the New Mexico Cultural Resource Information System (NMCRIS) as activity number 157044. The review was negative for the presence of cultural resources at the site. The cover page of the third-party ARMS Review can be found as Appendix B.

#### 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. Due to no applicable wells being within the half-mile radius. The nearest well with available groundwater level data is located 1.91 miles



southeast of the site, identified as Well C04144 POD 1. The Depth of the well was 58' below ground surface (ft bgs) with depth to water (DTW) at 49 ft bgs in 2018.

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

#### 2.2 Karst Potential & Subsurface Mines

Tasman utilized the publicly available karst potential map published by the Bureau of Land Management (BLM) Carlsbad Field Office (CFO) to determine the potential for encountering karst formations beneath the site. Review of the BLM CFO karst potential map indicates that the site is not located in an area of high potential to encounter karstic features. Tasman utilized the 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 3.

#### 2.3 Distance to Nearest Potable Water Well

The nearest potable water well is the well gauged on February 15, 2018, that is assumed to be C04144. The well is located 1.80 miles from the site. The location of C04144 is shown in the attached Figure 1.

#### 2.4 Distance to Nearest Surface Water

Tasman reviewed aerial imagery and the National Wetland Inventory Map, published by the U.S. Fish and Wildlife Service, for wetlands and surface water in the vicinity of the site. The nearest wetland, a freshwater emergent wetland, and significant surface water was identified as Dagger Lake, located 8.82 miles from the site. The location of the nearest surface water body can be seen in Figures 1 and 4.

#### 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 5.



#### 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:	<50 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 ACTION LEVELS

NMOCD assessment and cleanup levels for hydrocarbon and natural gas and natural gas condensate 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	Remediation 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 January 28, 2025, Tasman was retained by Targa to respond to a release of natural gas and natural gas condensate at the site. Initial observations indicated an overspray release area of approximately 8,899 square feet (ft<sup>2</sup>). A photographic log is included as Appendix D.

Tasman advanced ten delineation points using hand auger equipment (HA-1 through HA-10) to delineate the release area. Each hand auger was advanced to a depth of 4-5 ft bgs.

The attached Figure 5 illustrates the observed release and location of soil sample locations.

#### 4.1 Soil Sampling Procedures for Laboratory Analysis

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

### 4.2 Soil Analytical Methods

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

- Chloride EPA Method 300.
- Total Petroleum Hydrocarbons (TPH) gasoline, diesel, and motor/lube oil range organics (GRO+DRO+MRO) – EPA Method 8015D Extended.



Benzene, toluene, ethylbenzene, and total xylenes (BTEX) – EPA Method 8021B.

#### 4.3 Release Area Assessment Data Evaluation

Concentrations of benzene and total BTEX were not detected above laboratory detection limits in any of the soil samples collected.

Concentrations of total TPH were detected greater than Reclamation and Remediation Action Levels in three soil samples. HA-2 at surface to 0.5 feet bgs (2,590 milligrams per kilogram [mg/kg]), HA-3 at surface to 0.5 feet bgs (2,630 mg/kg) and HA-3 at 1 ft bgs (1,192 mg/kg). The remaining samples exhibited concentrations less than Reclamation levels ranging from 54.2 mg/kg to 99.2 mg/kg.

Concentrations of chlorides were detected above Reclamation and Remediation Action Levels in soil sample HA-2 at surface to 0.5 feet bgs (689 mg/kg). The remaining samples exhibited concentrations less than Reclamation levels ranging from 24.4 mg/kg to 441 mg/kg.

The executed Delineation Plan above was approved January 13, 2025, by NMSLO. Analytical results are summarized on Table 1 and laboratory analytical results are included as Appendix E.

#### 5.0 PROPOSED REMEDIAL ACTIONS

Tasman proposes to remediate the site using physical removal of soil within the delineated area of the release surrounding delineation points HA-2 and HA-3 to a depth of approximately 3 to 4 ft bgs. Excavated soil will be staged on-site atop a polyethylene liner pending transportation under manifest to an NMOCD approved disposal facility.

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. Confirmation sampling activities and laboratory analysis will be conducted as described in Sections 4.1 and 4.2.

#### **5.1** Variance Request

Tasman, on behalf of Targa, requests that a variance of NMAC 19.15.29.12 be granted for the collection of confirmation samples as five-point composite samples not to represent an area greater than 400 ft2.



#### 6.0 PROPOSED RECLAMATION AND REVEGETATION

Upon receipt of confirmation samples that indicate remediation objectives have been met, areas affected by the release and associated remediation activities will be restored to the condition which existed prior to the release to the maximum extent possible. Excavated areas will be backfilled with non-impacted "like" material and contoured and/or compacted to achieve erosion control, stability, and preservation of surface water flow to the extent practicable.

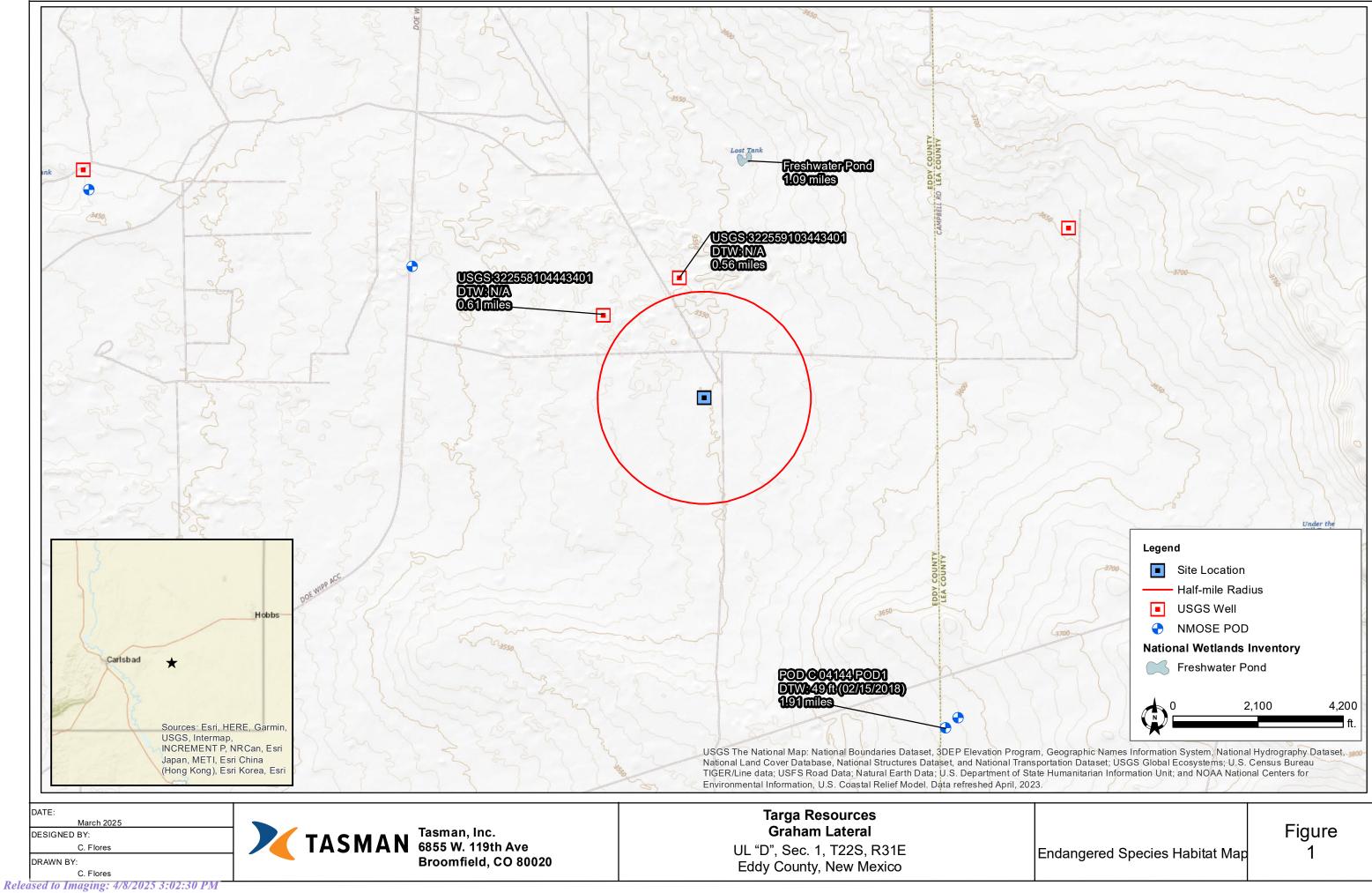
The soil type within and surrounding the release area was identified as BB-Berino complex using the Natural Resources Conservation Service Web Soil Survey (USDA) website site. The Berino complex consists of fine sand from surface to 17 inches overlying sandy clay loam from 17 to 58 inches bgs. Tasman proposes to utilize the sandy loam NMSLO seed mix, provided as Appendix F.

Upon approval the area will be seeded using the approved seed mixture during the next favorable growing season. The seed mix will be broadcast at a rate two times the suggested amount to ensure the greatest likelihood for sufficient germination. The seed will be "set" using mechanical means (e.g., screen or disc harrow) following the seeding event.

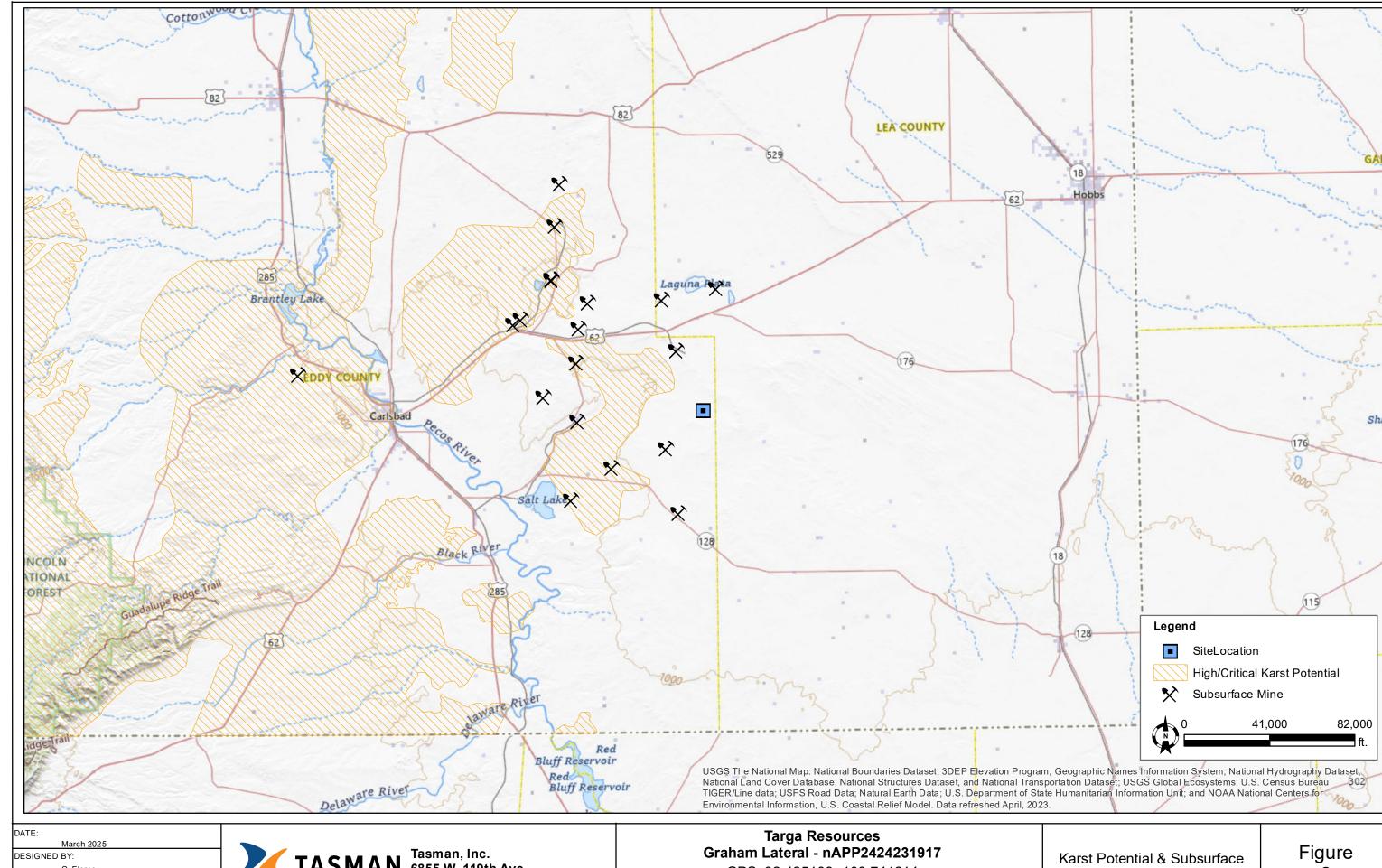
Twice per quarter Targa will arrange for the site to be inspected for vegetative growth and the presence of noxious and/or invasive weeds. If weeds are observed, Targa will arrange for the reclaimed areas to be appropriately treated for the undesired species. The monitoring period will continue until uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds.

**Figures** 

Received by OCD: 4/4/2025 11:23:00 AM



Page 12 of 114 Received by OCD: 4/4/2025 11:23:00 AM



DRAWN BY:

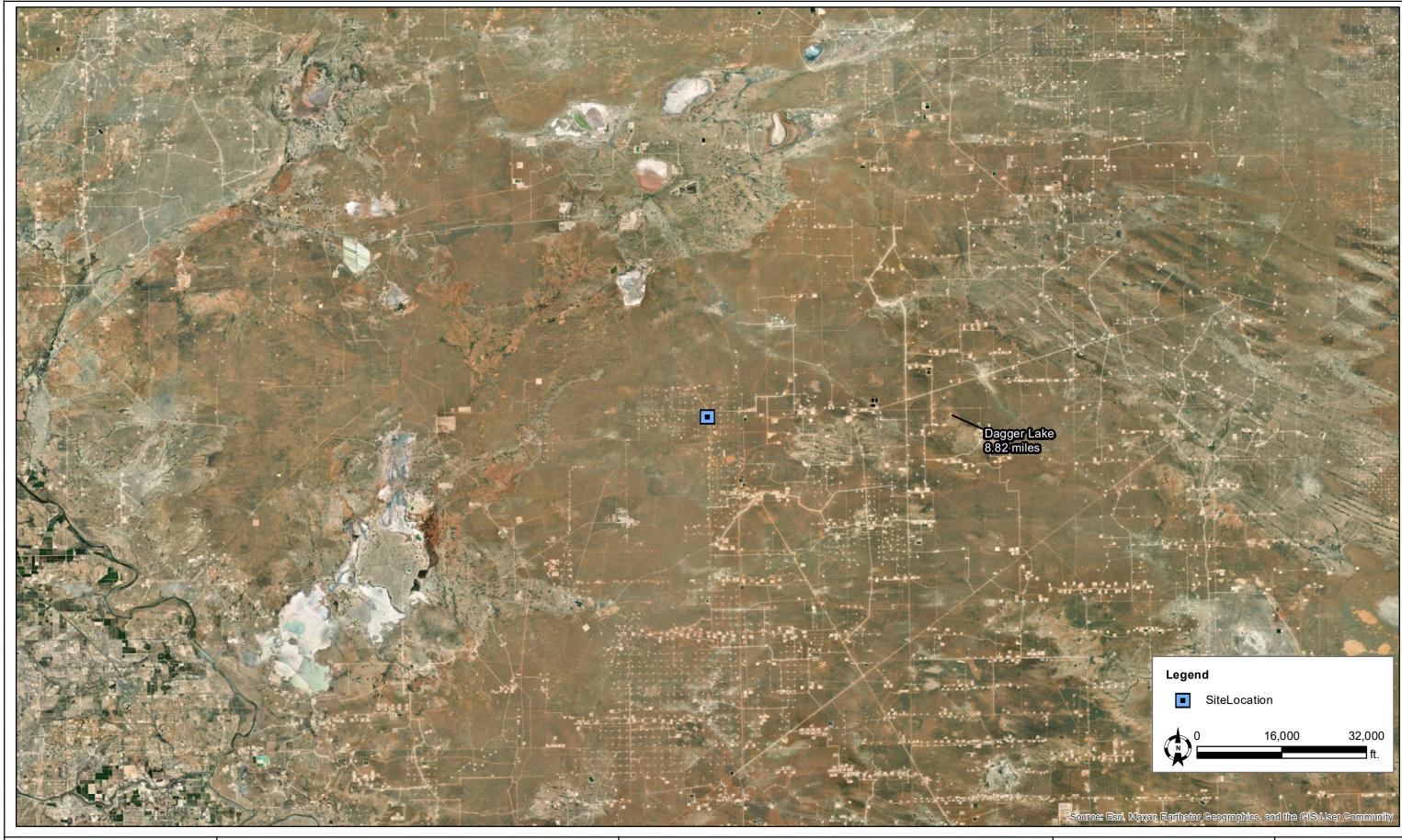
Released to Imaging: 4/8/2025 3:02:30 PM

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

GPS: 32.425109 -103.741214 Eddy County, New Mexico

Mine Map

Received by OCD: 4/4/2025 11:23:00 AM



DATE:

March 2025

DESIGNED BY:

C. Flores

DRAWN BY:

Released to Imaging: 4/8/2025 3:02:30 PM

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

Targa Resources Graham Lateral - nAPP2424231917

GPS: 32.425109 -103.741214 Eddy County, New Mexico Surface Water Map

Figure 3

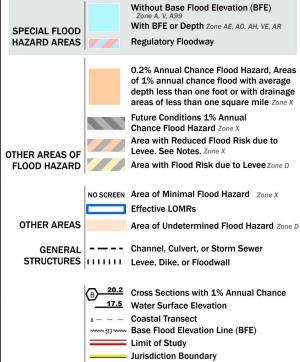
# Received by OCD: 4/4/2025 11:23:00 AM National Flood Hazard Layer FIRMette



Legend

Figure 4

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



No Digital Data Available

-- Coastal Transect Baseline

Hydrographic Feature

Digital Data Available

**Profile Baseline** 

Unmapped

MAP PANELS

OTHER

**FEATURES** 

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/19/2025 at 4:35 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.



2,000

Received by OCD: 4/4/2025 11:23:00 AM



DATE:
February 2025

DESIGNED BY:
B. Bastos

DRAWN BY:
K. Stark

Released to Imaging: 4/8/2025 3:02:30 PM

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

Graham Lateral - nAPP2424231917

GPS: 32.425109 -103.741214 Eddy County, New Mexico Delineation Overview Map

Figure 5

**Tables** 

# TABLE 1 - SOIL ANALYTICAL SUMMARY - DELINEATION SOIL SAMPLES Targa Resources Graham Lateral NMOCD Incident No. nAPP2424231917

Commis ID	Sample	Campula Data	Soil PID	Field Chloride	Benzene	Total BTEX <sup>1</sup>	TPH <sup>2</sup> (mg/kg)				Chloride <sup>3</sup>	
Sample ID	Depth	Sample Date	Status	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	GRO	DRO	MRO	TOTAL	(mg/kg)
	Surface - 6"		In-Situ	0.4	86							
	1'	1	In-Situ	0.3	87	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
HA-1*	2'	1/28/2025	In-Situ	0.2	119							
	3'		In-Situ	0.1	114	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
	4' 5'		In-Situ	0.1 0.2	115 118	<0.0250	<0.0250	<20.0	 <25.0	 <50.0	<20.0	<20.0
ļ			In-Situ									
	Surface - 6"		In-Situ	0.0	169	<0.0250	<0.0250	<20.0	1,210	1,380	2,590	114
HA-2*	2'	1/28/2025	In-Situ In-Situ	0.2	114 140	<0.0250	<0.0250	 <20.0	29.5	69.7	99.2	<20.0
HA-Z	3'	1/20/2025	In-Situ	0.3	120	<0.0250			29.5			
	4'	1	In-Situ	0.6	260	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	108
<b>-</b>	Surface - 6"		In-Situ	0.2	590	<0.0250	<0.0250	<20.0	1,390	1,240	2,630	689
	1'	1	In-Situ	0.1	385	<0.0250	<0.0250	<20.0	625	567	1,192	441
HA-3*	2'	1/28/2025	In-Situ	0.3	115							
	3'	1 -,,	In-Situ	0.9	83	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
	4'	†	In-Situ	0.1	122	<0.0250	<0.0250	<20.0	<25.0	54.2	54.2	103
	Surface - 6"		In-Situ	0.2	173							
	1'	1	In-Situ	0.5	117	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
HA-4*	2'	1/28/2025	In-Situ	0.2	90							
	3'	]	In-Situ	0.2	86							
	4'		In-Situ	0.4	85	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
	Surface - 6"		In-Situ	0.2	143							
	1'	]	In-Situ	0.6	144	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
HA-5*	2'	1/28/2025	In-Situ	0.1	121							
	3'	1	In-Situ	0.2	114							
	4'		In-Situ	0.2	117	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
	Surface - 6"	1	In-Situ	0.2	174							
	1'	. , ,	In-Situ	0.1	114	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
HA-6*	2'	1/29/2025	In-Situ	0.2	115							
	3' 4'		In-Situ In-Situ	0.3	144 143	<0.0250	<0.0250	<20.0	 <25.0	 <50.0	<20.0	<20.0
-	Surface - 6"			0.2	86							
	1'	1	In-Situ In-Situ	0.2	120	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	24.4
HA-7*	2'	1/29/2025	In-Situ	0.1	114							
na-7	3'		In-Situ	0.2	149							
	4'	1	In-Situ	0.1	122	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
	Surface - 6"		In-Situ	0.4	147	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
	1'	†	In-Situ	0.4	149	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
HA-8*	2'	1/29/2025	In-Situ	0.1	113							
	3'	1	In-Situ	0.3	116							
	4'	1	In-Situ	0.3	114	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
	Surface - 6"		In-Situ	0.8	166	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
	1'		In-Situ	0.7	147	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
HA-9*	2'	1/29/2025	In-Situ	0.8	120							
	3'	]	In-Situ	0.7	115							
	4'		In-Situ	0.8	118	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
	Surface - 6"		In-Situ	0.6	140							
1	1'	1	In-Situ	1.1	116	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
HA-10*	2'	1/29/2025	In-Situ	0.3	122							
	3' 4'		In-Situ In-Situ	0.5 1.8	87 87	<0.0250	<0.0250	<20.0	 <25.0	 <50.0	<20.0	 <20.0
				1.0	37	\0.0230	\0.0230	\20.0	`~23.0	\	\ZU.U	\ZU.U
		ation Standard an 4 ft. below grad		N/A	N/A	10	50		N/A		100	600
NMOCD Remediation and Delineation Standards <sup>5</sup> (Applicable for soils greater than 4 ft. below grade surface)				N/A	N/A	10	50		N/A		100	600

#### Notes:

- 1. BTEX = Benzene, toluene, ethylbenzene, and total xylenes by EPA method 8021B
- 2. TPH = Total petroleum hydrocarbons analyzed by method EPA 8015M (GRO/DRO/MRO)
- 3. Chloride Analyzed by EPA method SM4500
- 4. New Mexico Administrative Code (NMAC) 19.15.29.13(D) Restoration, Reclamation, and Re-vegetation (Reclamation for areas no longer in use) for soils extending to 4 ft. below grade surface (bgs).
- 5. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (NMAC 19.15.29.12(N))
- \* = Denotes discrete/grab sample

**Bold** values denote concentrations above laboratory RDL

**Red** values denote concentrations above NMOCD Action Levels

- BGS = Below ground surface
- GRO = Gasoline range organics
- DRO = Diesel range organics
- MRO = Motor/lube oil range organics
- PID = Photoionization detector
- --- = Sample was not analyzed for this analyte
- <RDL = The analyte was not detected above the laboratory reported detection limit (RDL)
- N/A = Not applicable
- Ft. = feet

**Appendix A – Initial Form C-141 and NMOCD Notifications** 

la	, ,		
Enter data in shaded fields to calculate	e gas volumes release	ed due to leak and blowdown of sy	stem.
Hours of leak =	0.5	Example:	
Diameter of hole (inches) =	1.4	Leak for 4 (est) hours out of a 1/4 in	nch hole with line presure of 750 psig
Upstream Pressure =	150		
	Volume of gas (mcf/hr)	) loss is equal to the hole diameter square	ed times the upstream pressure absolute. *
Enter data in shaded fields to calculate  Hours of leak =  Diameter of hole (inches) =  Upstream Pressure =  Volume of Gas Leaked =  Footage of Pipe blowndown =  Initial line pressure =	161.41 Mcf		
Footage of Pipe blowndown =	6864		
		Calculated factor for lin	ne pack = 0.366
Diameter of Pipe (inches) =	4	F1	
Volume of Gas BlownDown =	2.51.34.6	Example:	1 010: 1 . : : : :
Volume of Gas BlownDown –	2.51 Mcf		miles of 12 inch at initial pressure 51 psig
		Reportable Immediate Notification	50 Mcf 500 Mcf
Total Volume of Gas Loss =	163.92 Mcf		
Comments:			
Name: Amber Groves	Title :	ES&H Staff	

No



#### **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 Sp	ill
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 spill area wet from rain?
--	----	--	----------------------------------

## Square or Rectangular Shape spill

Enter Length (ft)	20
<u> </u>	
Enter Width (ft)	20
Enter Average Depth of Liquid Pool (in)	1
Enter the percentage of the rectangle	
that is covered by the spill	90%
, ,	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)	5.9
Estimated Spill Volume (gals)	250.0

# 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	Low (Ex. gasoline,
Parameter	petrol)
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 Recta	angles
------------------------	--------

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 380017

#### **QUESTIONS**

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	380017
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

#### QUESTIONS

Prerequisites					
Incident ID (n#)	nAPP2424231917				
Incident Name	NAPP2424231917 GRAHAM LATERAL 8" @ 0				
Incident Type	Natural Gas Release				
Incident Status	Initial C-141 Received				
Incident Facility	[fAPP2123031392] TARGA NORTHERN DELAWARE, LLC.				

Location of Release Source				
Please answer all the questions in this group.				
Site Name	GRAHAM LATERAL 8"			
Date Release Discovered	08/28/2024			
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: Equipment Failure   Pipeline (Any)   Condensate   Released: 6 BBL   Recovered: 0 BBL   Lost: 6 BBL.
Natural Gas Vented (Mcf) Details	Cause: Corrosion   Pipeline (Any)   Natural Gas Vented   Released: 164 Mcf   Recovered: 0 Mcf   Lost: 164 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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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, Page 2

Action 380017

QUESTI	ONS (continued)	
Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119		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 vol	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	No	
Reasons why this would be considered a submission for a notification of a major release	Unavailable.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the	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 injur	у.
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 complet 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 lead to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to a water, 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 remed	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	t

Email: agroves@targaresources.com

Date: 09/03/2024

QUESTIONS

storage site

<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

**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 3

Action 380017

**QUESTIONS** (continued)

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
	Action Number:
Tulsa, OK 74119	380017
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

#### 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 elease discovery date. What is the shallowest depth to groundwater beneath the area affected by the Not answered. release in feet below ground surface (ft bgs) What method was used to determine the depth to ground water Not answered. Did this release impact groundwater or surface water 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 Not answered. for domestic or stock watering purposes 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

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.						

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** 

CONDITIONS

Action 380017

#### **CONDITIONS**

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	380017
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

#### CONDITIONS

Created By	y Condition	Condition Date
scwells	None	9/16/2024

Appendix B – ARMS Cover Page

NMCRIS INVESTIGATION ABSTRACT FORM (NIAF)

1. NMCRIS Activity No.: 157044	2a. Lead	gency(ies):	TOTAL CONTRACT	3. Lead Agency					
NO.: 157044	(Sponsoring) Ag New Mexico Stat						Report No.:		
	Office (NMSLO)	SLO)							
4. Title of Report: A Cla Eddy County, New Mexic		ource Su	rvey for the Grahar	n Latera	al Pipeline Re	5. Type of Report			
Author(s) Lincoln Harsch		oya					<ul><li>Negative</li><li>Positive</li></ul>		
6. Investigation Type ☐ Research Design	Survey/Invent     ■	orv $\Box$	Test Excavation	ПЕ	xcavation	□Collection	ons/Non-Field Study		
Overview/Lit Review	☐ Monitoring	-	Ethnographic stud	_					
7. Description of Undert				Fa	8. Dates of Investigation: October 30, 2024				
Targa Northern Delaware had an inadvertent release	se at their Graham	n Lateral	Pipeline in Eddy (	County,	9. Report Date: November 8, 2024				
New Mexico. The release 0.24 acres (8,899.6 sq managed lands. NMS cultural/environmental co	feet) on New Me: SLO is serving	xico Sta	te Land Office (N the lead agend						
WSP conducted a Class I									
land and the pedestriar hectares). The survey a	rea was defined a	as the e	xtent of the release	se and					
overspray area plus a 10 sites were revisited duri									
manifestations (IMs) were recommended for the cur	encountered. No								
10. Performing Agency		P USA			11. Perfor	rmina Agency/(	Consultant Report No.:		
Principal Investiga Project Manager:	tor: Lincoln Harsch				N/A	3 3 3			
Field Supervisor: 0	Chris Carlson						Resource Permit No(s):		
Field Personnel Na	mes:				NM-25-079	9-S (expires 12-	31-2025)		
13. Client/Customer (pr					14. Client/Customer Project No.:				
Targa Northern Delaware Contact: James Sanford	LLC, a subsidiary	of Larga	Resources, LLC		WSP Proje	WSP Project Number: 182785B, Task 111			
Address: PO Box 158, A Phone: 575-810-6002	rtesia, NM 88211								
15. Land Ownership Sta	atus ( <u>Must</u> be indic	ated on p	oroject map):		I				
Landowner					Surveyed	Acres in APE			
SLO			TOTALS	1.81		0.20 <b>0.20</b>			
16 Records Search(es)	·		TOTALS	1.81		0.20			
Date(s) of ARMS File R			of Reviewer(s)						
10/30/2024 Date(s) of NR/SR File F	Review		c Montoya of Reviewer(s)						
10/30/2024		Domini	c Montoya						
Date(s) of Other Agend	cy File Review	Name (	of Reviewer(s)		Agency				
17. Survey Data:							_		
•	☑ NAD 27  図 N. 図 USGS 7.5' (1:2	AD 83	ono man	Other	topo map, S	calo:			
	⊠ GPS Unit	•	-	1-10m					
b. USGS 7.5' Topographi		US	GS Quad Code						
The Divide		32	103-D6						
c. County(ies): Eddy 17. Survey Data (continu									
d. Nearest City or Town: Loving, NM									
e. Legal Description:	- 5,								
e. Legal Description.									

Appendix C – Depth to Groundwater Information

# **Point of Diversion Summary**

quarters are 1=NW 2=NE 3=SW 4=SE quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Υ	Мар
NA	C 04695 POD1	SW	SW	SW	35	21S	31E	617014.9	3588636.8	•

\* UTM location was derived from PLSS - see Help

	2023-02-20	PCW Rcv Date: Pipe Discharge Size:		Source: Estimated Yield:	
	2023-02-20	PCW Rcv Date:			
Drill Start Date:	2023-01-12	Drill Finish Date:	2023-01-12	Plug Date:	2023-01-16
Driller Name:	RUSSELL SOU	THLAND			
Driller License:	1184	<b>Driller Company:</b>	WEST TEXAS WATER WELL SERVICE		

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data.

3/19/25 11:05 AM MST Point of Diversion Summary

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# **Point of Diversion Summary**

quarters are 1=NW 2=NE 3=SW 4=SE quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Υ	Мар
NA	C 04144 POD1	SW	NW	SW	07	22S	32E	620240.3	3585844.1	•

\* UTM location was derived from PLSS - see Help

Driller License:	1456	<b>Driller Company:</b>	WHITE DRILLING COMPANY		
Driller Name:	ATKINS., WIL	LIAM B.		-	
<b>Drill Start Date:</b>	2018-01-29	Drill Finish Date:	2018-01-30	Plug Date:	2023-03-09
Log File Date:	2018-02-15	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:	2.00	Depth Well:	58	Depth Water:	49

## **Water Bearing Stratifications:**

Тор	Bottom	Description
42	54	Sandstone/Gravel/Conglomerate
54	56	Sandstone/Gravel/Conglomerate
56	58	Shale/Mudstone/Siltstone

# **Casing Perforations:**

Тор	Bottom
38	58

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data.

3/19/25 11:15 AM MST Point of Diversion Summary

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Page 29 of 114

Appendix D – Photographic Log



Hand Auger Delineation (HA-1)



**Hand Auger Delineation (HA-2)** 



**Hand Auger Delineation (HA-3)** 



**Hand Auger Delineation (HA-4)** 



**Hand Auger Delineation (HA-5)** 



**Over Spray from Release** 



**Release Point Location (Repaired)** 



**Over Spay from Release** 



**Over Spray & Release Point Location** 



**Over Spray From Release** 

**Appendix E – 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: 8339 GRAHAM LATERAL

Work Order: E501245

Job Number: 21102-0001

Received: 1/31/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 2/13/25

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: 2/13/25

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

Project Name: 8339 GRAHAM LATERAL

Workorder: E501245

Date Received: 1/31/2025 7:30:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/31/2025 7:30:00AM, under the Project Name: 8339 GRAHAM LATERAL.

The analytical test results summarized in this report with the Project Name: 8339 GRAHAM LATERAL 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

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Cell: 505-320-4759

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

#### **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
HA-1 @ 1'	5
HA-1 @ 3'	6
HA-1 @ 5'	7
HA-2 @ 0.5'	8
HA-2 @ 2'	9
HA-2 @ 4'	10
HA-3 @ 0.5'	11
HA-3 @ 1'	12
HA-3 @ 2'	13
HA-3 @ 3'	14
HA-3 @ 4'	15
HA-4 @ 1'	16
QC Summary Data	17
QC - Volatile Organics by EPA 8021B	17
QC - Nonhalogenated Organics by EPA 8015D - GRO	19
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	21
QC - Anions by EPA 300.0/9056A	23
Definitions and Notes	25
Chain of Custody etc	26

#### **Sample Summary**

 Targa
 Project Name:
 8339 GRAHAM LATERAL
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 02/13/25 10:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
HA-1 @ 0.5'	E501245-01A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-1 @ 1'	E501245-02A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-1 @ 2'	E501245-03A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-1 @ 3'	E501245-04A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-1 @ 4'	E501245-05A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-1 @ 5'	E501245-06A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-2 @ 0.5'	E501245-07A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-2 @ 1'	E501245-08A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-2 @ 2'	E501245-09A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-2 @ 3'	E501245-10A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-2 @ 4'	E501245-11A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-3 @ 0.5'	E501245-12A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-3 @ 1'	E501245-13A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-3 @ 2'	E501245-14A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-3 @ 3'	E501245-15A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-3 @ 4'	E501245-16A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-4 @ 0.5'	E501245-17A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-4 @ 1'	E501245-18A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-4 @ 2'	E501245-19A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-4 @ 3'	E501245-20A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.

Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

HA-1 @ 1' E501245-02

E501245-02						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2506016
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2506016
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2506020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		113 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: AK		Batch: 2506009
Chloride	ND	20.0	1	02/03/25	02/03/25	

Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

#### HA-1 @ 3' E501245-04

		E301243-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2506016
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
p-Xylene	ND	0.0250	1	02/03/25	02/05/25	
o,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
Surrogate: 4-Bromochlorobenzene-PID		88.4 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2506016
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2506020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		113 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: AK		Batch: 2506009
Chloride	ND	20.0	1	02/03/25	02/03/25	



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

#### HA-1 @ 5' E501245-06

	1301243 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2506016
ND	0.0250	1	02/03/25	02/05/25	
ND	0.0250	1	02/03/25	02/05/25	
ND	0.0250	1	02/03/25	02/05/25	
ND	0.0250	1	02/03/25	02/05/25	
ND	0.0500	1	02/03/25	02/05/25	
ND	0.0250	1	02/03/25	02/05/25	
	87.5 %	70-130	02/03/25	02/05/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2506016
ND	20.0	1	02/03/25	02/05/25	
	93.4 %	70-130	02/03/25	02/05/25	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2506020
ND	25.0	1	02/03/25	02/05/25	
ND	50.0	1	02/03/25	02/05/25	
	113 %	61-141	02/03/25	02/05/25	
mg/kg	mg/kg	Anal	yst: AK		Batch: 2506009
ND	20.0	1	02/03/25	02/03/25	
	mg/kg ND Mg/kg ND mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           87.5 %         mg/kg           MD         20.0           93.4 %         mg/kg           ND         25.0           ND         50.0           113 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           87.5 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           93.4 %         70-130           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           113 %         61-141           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0500         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         02/03/25           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         02/03/25           ND         50.0         1         02/03/25           ND         50.0         1         02/03/25           ND         50.0         1         02/03/25           ND         50.0         1         02/03/25           mg/kg         Mg/kg         Analyst: AK	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           ND         0.0500         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         02/03/25         02/05/25           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         02/03/25         02/05/25           ND         25.0         1         02/03/25         02/05/25           ND         50.0         1         02/03/25         02/05/25           ND         50.0         1         02/03/25         02/05/25 <td< td=""></td<>



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

#### HA-2 @ 0.5' E501245-07

		E301243-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2506016
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
Surrogate: 4-Bromochlorobenzene-PID		85.3 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2506016
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: AF		Batch: 2506020
Diesel Range Organics (C10-C28)	1210	50.0	2	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	1380	100	2	02/03/25	02/05/25	
Surrogate: n-Nonane		116 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: AK		Batch: 2506009
Chloride	114	20.0	1	02/03/25	02/03/25	



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

HA-2 @ 2' E501245-09

	E301243-07				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2506016
ND	0.0250	1	02/03/25	02/05/25	
ND	0.0250	1	02/03/25	02/05/25	
ND	0.0250	1	02/03/25	02/05/25	
ND	0.0250	1	02/03/25	02/05/25	
ND	0.0500	1	02/03/25	02/05/25	
ND	0.0250	1	02/03/25	02/05/25	
	88.0 %	70-130	02/03/25	02/05/25	
mg/kg	mg/kg	Analy	yst: SL		Batch: 2506016
ND	20.0	1	02/03/25	02/05/25	
	92.1 %	70-130	02/03/25	02/05/25	
mg/kg	mg/kg	Analy	yst: AF		Batch: 2506020
29.5	25.0	1	02/03/25	02/05/25	
69.7	50.0	1	02/03/25	02/05/25	
	109 %	61-141	02/03/25	02/05/25	
mg/kg	mg/kg	Anal	yst: AK		Batch: 2506009
ND	20.0	1	02/03/25	02/03/25	
	mg/kg ND ND ND ND ND ND ND ND Mg/kg ND mg/kg 29.5 69.7	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           88.0 %         mg/kg           mg/kg         mg/kg           ND         20.0           92.1 %         mg/kg           mg/kg         mg/kg           69.7         50.0           109 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           MD         20.0250         1           Mg/kg         mg/kg         Analy           ND         20.0         1           92.1 %         70-130           mg/kg         mg/kg         Analy           29.5         25.0         1           69.7         50.0         1           109 %         61-141         61-141           mg/kg         mg/kg         Analy	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: SL           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0500         1         02/03/25           ND         0.0250         1         02/03/25           mg/kg         Mg/kg         Analyst: SL           ND         20.0         1         02/03/25           mg/kg         mg/kg         Analyst: AF           29.5         25.0         1         02/03/25           69.7         50.0         1         02/03/25           mg/kg         Mg/kg         Analyst: AF	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           ND         0.0500         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           mg/kg         mg/kg         Analyst: SL         ND         02/05/25           mg/kg         mg/kg         Analyst: SL         02/05/25           mg/kg         mg/kg         Analyst: AF         02/03/25         02/05/25           mg/kg         mg/kg         Analyst: AF         02/03/25         02/05/25           mg/kg         mg/kg         Analyst: AF         02/03/25         02/05/25



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

HA-2 @ 4' E501245-11

	2301243 11				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2506016
ND	0.0250	1	02/03/25	02/05/25	
ND	0.0250	1	02/03/25	02/05/25	
ND	0.0250	1	02/03/25	02/05/25	
ND	0.0250	1	02/03/25	02/05/25	
ND	0.0500	1	02/03/25	02/05/25	
ND	0.0250	1	02/03/25	02/05/25	
	87.8 %	70-130	02/03/25	02/05/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2506016
ND	20.0	1	02/03/25	02/05/25	
	92.2 %	70-130	02/03/25	02/05/25	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2506020
ND	25.0	1	02/03/25	02/05/25	
ND	50.0	1	02/03/25	02/05/25	
	113 %	61-141	02/03/25	02/05/25	
mg/kg	mg/kg	Anal	yst: AK		Batch: 2506009
108	20.0	1	02/03/25	02/03/25	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           87.8 %         mg/kg           MD         20.0           92.2 %         mg/kg           ND         25.0           ND         50.0           113 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           87.8 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           92.2 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           113 %         61-141           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0500         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         02/03/25           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         02/03/25           ND         50.0         1         02/03/25           ND         50.0         1         02/03/25           ND         50.0         1         02/03/25           ND         50.0         1         02/03/25           mg/kg         Mg/kg         Analyst: AK	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           ND         0.0500         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           ND         0.0250         1         02/03/25         02/05/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         02/03/25         02/05/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         02/03/25         02/05/25           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         02/03/25         02/05/25           ND         50.0         1         02/03/25         02/05/25           ND         50.0

Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

HA-3 @ 0.5' E501245-12

		200121012				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2506016
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
o,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
Surrogate: 4-Bromochlorobenzene-PID		87.5 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2506016
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: AF		Batch: 2506020
Diesel Range Organics (C10-C28)	1390	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	1240	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		115 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: AK		Batch: 2506009
Chloride	689	20.0	1	02/03/25	02/03/25	



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

#### HA-3 @ 1' E501245-13

		E301243-13				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2506016
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
Surrogate: 4-Bromochlorobenzene-PID		86.7 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2506016
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: AF		Batch: 2506020
Diesel Range Organics (C10-C28)	625	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	567	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		107 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: AK		Batch: 2506009
Chloride	441	20.0	1	02/03/25	02/03/25	
Chioriac		20.0				



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

#### HA-3 @ 2' E501245-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS	· · · · · · · · · · · · · · · · · · ·	Batch: 2506102
Benzene	ND	0.0250	1	02/07/25	02/08/25	
Ethylbenzene	ND	0.0250	1	02/07/25	02/08/25	
Toluene	ND	0.0250	1	02/07/25	02/08/25	
o-Xylene	ND	0.0250	1	02/07/25	02/08/25	
p,m-Xylene	ND	0.0500	1	02/07/25	02/08/25	
Total Xylenes	ND	0.0250	1	02/07/25	02/08/25	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	02/07/25	02/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2506102
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/25	02/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	02/07/25	02/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: AF		Batch: 2507002
Diesel Range Organics (C10-C28)	ND	25.0	1	02/10/25	02/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/10/25	02/10/25	
Surrogate: n-Nonane		112 %	61-141	02/10/25	02/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: AK		Batch: 2507003
Chloride	ND	20.0	1	02/10/25	02/10/25	



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

HA-3 @ 3' E501245-15

	200121010				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	st: RKS		Batch: 2506102
ND	0.0250	1	02/07/25	02/08/25	
ND	0.0250	1	02/07/25	02/08/25	
ND	0.0250	1	02/07/25	02/08/25	
ND	0.0250	1	02/07/25	02/08/25	
ND	0.0500	1	02/07/25	02/08/25	
ND	0.0250	1	02/07/25	02/08/25	
	88.7 %	70-130	02/07/25	02/08/25	
mg/kg	mg/kg	Analys	t: RKS		Batch: 2506102
ND	20.0	1	02/07/25	02/08/25	
	95.8 %	70-130	02/07/25	02/08/25	
mg/kg	mg/kg	Analys	st: AF		Batch: 2507002
ND	25.0	1	02/10/25	02/10/25	
ND	50.0	1	02/10/25	02/10/25	
	110 %	61-141	02/10/25	02/10/25	
	mg/kg	Analys	at· AK		Batch: 2507003
mg/kg	mg/kg	7 tharys	7. 7 H C		Baten. 2307003
	mg/kg  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           MD         0.0250           88.7 %         mg/kg           MD         20.0           95.8 %         mg/kg           ND         25.0           ND         50.0           110 %	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analys           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           88.7 %         70-130           mg/kg         mg/kg         Analys           ND         20.0         1           95.8 %         70-130           mg/kg         mg/kg         Analys           ND         25.0         1           ND         50.0         1           110 %         61-141         61-141	Reporting         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         02/07/25           ND         0.0250         1         02/07/25           ND         0.0250         1         02/07/25           ND         0.0500         1         02/07/25           ND         0.0250         1         02/07/25           ND         0.0250         1         02/07/25           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         02/07/25           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         02/10/25           ND         50.0         1         02/10/25           110 %         61-141         02/10/25	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         02/07/25         02/08/25           ND         0.0250         1         02/07/25         02/08/25           ND         0.0250         1         02/07/25         02/08/25           ND         0.0500         1         02/07/25         02/08/25           ND         0.0250         1         02/07/25         02/08/25           ND         0.0250         1         02/07/25         02/08/25           ND         0.0250         1         02/07/25         02/08/25           MD         0.0250         1         02/07/25         02/08/25           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         02/07/25         02/08/25           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         02/07/25         02/08/25           ND         50.0         1         02/10/25         02/10/25           ND         50.0         1         02/10/25



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

HA-3 @ 4' E501245-16

		E301243-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2506016
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
o,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
Surrogate: 4-Bromochlorobenzene-PID		87.1 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2506016
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2506020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	54.2	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		108 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2506009
Chloride	103	20.0	1	02/03/25	02/03/25	



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

#### HA-4 @ 1' E501245-18

		E501245-18				
Aughte	Result	Reporting Limit	Dilution	Dromonod	Amalyzand	Notes
Analyte	Kesuit	Limit	Dilution	Prepared	Analyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2506016
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
Surrogate: 4-Bromochlorobenzene-PID		86.5 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2506016
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2506020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		110 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2506009
Chloride	ND	20.0	1	02/03/25	02/03/25	



Surrogate: 4-Bromochlorobenzene-PID

## **QC Summary Data**

Targa 12600 WCR 91	Project Name: Project Number:	8339 GRAHAM LATERAL 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

12600 WCR 91 Midland TX, 79707		Project Number: Project Manager:		102-0001 ett Dennis				2	/13/2025 10:11:37AN
		Volatile O	rganics b	y EPA 802	21B		Analyst: SL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506016-BLK1)							Prepared: 02	2/03/25 An	alyzed: 02/05/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130			
LCS (2506016-BS1)							Prepared: 02	2/03/25 An	alyzed: 02/05/25
Benzene	5.27	0.0250	5.00		105	70-130			
Ethylbenzene	5.08	0.0250	5.00		102	70-130			
Toluene	5.18	0.0250	5.00		104	70-130			
o-Xylene	5.06	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		91.9	70-130			
LCS Dup (2506016-BSD1)							Prepared: 02	2/03/25 An	alyzed: 02/05/25
Benzene	5.17	0.0250	5.00		103	70-130	1.82	20	
Ethylbenzene	4.98	0.0250	5.00		99.6	70-130	1.92	20	
Toluene	5.09	0.0250	5.00		102	70-130	1.75	20	
o-Xylene	4.97	0.0250	5.00		99.5	70-130	1.76	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	1.79	20	
Total Xylenes	15.1	0.0250	15.0		101	70-130	1.78	20	

70-130



Surrogate: 4-Bromochlorobenzene-PID

## **QC Summary Data**

Targa 12600 WCR 91	Project Name: Project Number:	8339 GRAHAM LATERAL 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

12600 WCR 91 Midland TX, 79707		Project Number: Project Manager:		ett Dennis				2	/13/2025 10:11:37AN
		Volatile O	rganics b	y EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506102-BLK1)							Prepared: 0	2/06/25 An	alyzed: 02/06/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.95		8.00		86.9	70-130			
LCS (2506102-BS1)							Prepared: 0	2/06/25 An	alyzed: 02/06/25
Benzene	4.92	0.0250	5.00		98.3	70-130			
Ethylbenzene	4.75	0.0250	5.00		95.1	70-130			
Toluene	4.87	0.0250	5.00		97.4	70-130			
o-Xylene	4.75	0.0250	5.00		94.9	70-130			
p,m-Xylene	9.65	0.0500	10.0		96.5	70-130			
Total Xylenes	14.4	0.0250	15.0		96.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.96		8.00		87.1	70-130			
LCS Dup (2506102-BSD1)							Prepared: 0	2/06/25 An	alyzed: 02/07/25
Benzene	4.97	0.0250	5.00		99.3	70-130	1.01	20	
Ethylbenzene	4.79	0.0250	5.00		95.9	70-130	0.806	20	
Toluene	4.92	0.0250	5.00		98.3	70-130	0.931	20	
o-Xylene	4.79	0.0250	5.00		95.8	70-130	0.938	20	
p,m-Xylene	9.73	0.0500	10.0		97.3	70-130	0.847	20	
Total Xylenes	14.5	0.0250	15.0		96.8	70-130	0.877	20	

70-130



## **QC Summary Data**

 Targa
 Project Name:
 8339 GRAHAM LATERAL
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 2/13/2025 10:11:37AM

Nonhalogenated	Organics by	v EPA	.8015D -	GRO

Analyst: SL

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

Blank (2506016-BLK1)						Prepared: 02	2/03/25	5 Analyzed: 02	/05/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00	91.9	70-130				
LCS (2506016-BS2)						Prepared: 02	2/03/25	Analyzed: 02	/05/25
Gasoline Range Organics (C6-C10)	43.5	20.0	50.0	87.0	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00	92.8	70-130				
LCS Dup (2506016-BSD2)						Prepared: 02	2/03/25	Analyzed: 02	/05/25
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	88.1	70-130	1.25	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00	93.3	70-130				



Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

#### **QC Summary Data**

Targa	Project Name:	8339 GRAHAM LATERAL	Reported:
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

Midland TX, 79707		Project Manage		ett Dennis				2/13	3/2025 10:11:37AM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506102-BLK1)							Prepared: 0	2/06/25 Analy	yzed: 02/06/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			
LCS (2506102-BS2)							Prepared: 0	2/06/25 Analy	yzed: 02/07/25
Gasoline Range Organics (C6-C10)	40.3	20.0	50.0		80.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	70-130			
LCS Dup (2506102-BSD2)							Prepared: 0	2/06/25 Analy	yzed: 02/07/25

8.00

70-130

70-130

95.7

4.01

20

41.9

7.66

20.0

#### **QC Summary Data**

 Targa
 Project Name:
 8339 GRAHAM LATERAL
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 2/13/2025 10:11:37AM

Midland 1X, /9/0/		Project Manager	r: Br	ett Dennis					2/13/2025 10:11:3/AN
	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 (2506020-BLK1)							Prepared: 0	2/03/25 A	nalyzed: 02/04/25
riesel Range Organics (C10-C28)	ND	25.0							
ril Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	56.6		50.0		113	61-141			
.CS (2506020-BS1)							Prepared: 0	2/03/25 A	nalyzed: 02/04/25
riesel Range Organics (C10-C28)	280	25.0	250		112	66-144			
urrogate: n-Nonane	55.4		50.0		111	61-141			
Aatrix Spike (2506020-MS1)				Source:	E501245-0	04	Prepared: 0	2/03/25 A	nalyzed: 02/04/25
riesel Range Organics (C10-C28)	289	25.0	250	ND	116	56-156			
urrogate: n-Nonane	57.9		50.0		116	61-141			
Matrix Spike Dup (2506020-MSD1)				Source:	E501245-0	04	Prepared: 0	2/03/25 A	nalyzed: 02/04/25
riesel Range Organics (C10-C28)	289	25.0	250	ND	115	56-156	0.133	20	

#### **QC Summary Data**

 Targa
 Project Name:
 8339 GRAHAM LATERAL
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 2/13/2025 10:11:37AM

Result   mg/kg   mg/	Midiand 1A, 79707		Project Manage	г. Бг	ett Dennis					/13/2023 10.11.3/AI
Result   Limit   Level   Result   Rec   Limits   RPD   Limit   RPD   Limit   RPD   Result   Rec   Result		Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: AF
Prepared: 02/10/25   Analyzed: 02/10/25     Prepared: 02/10/25	Analyte	Result		-		Rec		RPD		
ND   25.0   ND   50.0   Source: E502059-01   Prepared: 02/10/25   Analyzed: 02/10/25   Anal		mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
ND   50.0   115   61-141	Blank (2507002-BLK1)							Prepared: 0	2/10/25 An	nalyzed: 02/10/25
Solution   Solution	Diesel Range Organics (C10-C28)	ND	25.0							
Prepared: 02/10/25   Analyzed: 02/10/25	Oil Range Organics (C28-C36)	ND	50.0							
Diesel Range Organics (C10-C28)   282   25.0   250   113   66-144	Surrogate: n-Nonane	57.4		50.0		115	61-141			
Surrogate: n-Nonane         54.1         50.0         108         61-141           Matrix Spike (2507002-MS1)         Source: E502059-01         Prepared: 02/10/25         Analyzed: 02/10/25           Diesel Range Organics (C10-C28)         293         25.0         250         ND         117         56-156           Surrogate: n-Nonane         56.4         50.0         113         61-141           Matrix Spike Dup (2507002-MSD1)         Source: E502059-01         Prepared: 02/10/25         Analyzed: 02/10/25           Diesel Range Organics (C10-C28)         320         25.0         250         ND         128         56-156         8.70         20	LCS (2507002-BS1)							Prepared: 0	2/10/25 An	nalyzed: 02/10/25
Matrix Spike (2507002-MS1)         Source: E502059-01         Prepared: 02/10/25         Analyzed: 02/10/25           Diesel Range Organics (C10-C28)         293         25.0         250         ND         117         56-156           Surrogate: n-Nonane         56.4         50.0         113         61-141           Matrix Spike Dup (2507002-MSD1)         Source: E502059-01         Prepared: 02/10/25         Analyzed: 02/10/25           Diesel Range Organics (C10-C28)         320         25.0         250         ND         128         56-156         8.70         20	Diesel Range Organics (C10-C28)	282	25.0	250		113	66-144			
Diesel Range Organics (C10-C28)  293  25.0  250  ND  117  56-156  Surrogate: n-Nonane  56.4  50.0  113  61-141  Matrix Spike Dup (2507002-MSD1)  Diesel Range Organics (C10-C28)  320  25.0  250  ND  128  56-156  8.70  20	Surrogate: n-Nonane	54.1		50.0		108	61-141			
Surrogate: n-Nonane 56.4 50.0 113 61-141  Matrix Spike Dup (2507002-MSD1) Source: E502059-01 Prepared: 02/10/25 Analyzed: 02/10/25 Diesel Range Organics (C10-C28) 320 25.0 250 ND 128 56-156 8.70 20	Matrix Spike (2507002-MS1)				Source:	E502059-0	01	Prepared: 0	2/10/25 An	nalyzed: 02/10/25
Matrix Spike Dup (2507002-MSD1)         Source: E502059-01         Prepared: 02/10/25         Analyzed: 02/10/25           Diesel Range Organics (C10-C28)         320         25.0         250         ND         128         56-156         8.70         20	Diesel Range Organics (C10-C28)	293	25.0	250	ND	117	56-156			
Diesel Range Organics (C10-C28) 320 25.0 250 ND 128 56-156 8.70 20	Surrogate: n-Nonane	56.4		50.0		113	61-141			
(	Matrix Spike Dup (2507002-MSD1)				Source:	E502059-0	01	Prepared: 0	2/10/25 An	nalyzed: 02/10/25
iurrogate: n-Nonane 59.5 50.0 119 61-141	Diesel Range Organics (C10-C28)	320	25.0	250	ND	128	56-156	8.70	20	
	Surrogate: n-Nonane	59.5		50.0		119	61-141			

Matrix Spike Dup (2506009-MSD1)

Chloride

#### **QC Summary Data**

Targa	Project Name:	8339 GRAHAM LATERAL	Reported:
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	2/13/2025 10:11:37AM

		Anions	by EPA 3	00.0/9056	4				Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506009-BLK1)							Prepared: 0	2/03/25 Anal	yzed: 02/03/25
Chloride	ND	20.0							
LCS (2506009-BS1)							Prepared: 0	2/03/25 Anal	yzed: 02/03/25
Chloride	250	20.0	250		99.9	90-110			
Matrix Spike (2506009-MS1)				Source:	E501245-	06	Prepared: 0	2/03/25 Anal	yzed: 02/03/25

250

250

20.0

20.0

ND

101

101

Source: E501245-06

80-120

80-120

0.164

Prepared: 02/03/25 Analyzed: 02/03/25

20

253

253

#### **QC Summary Data**

Targa 12600 WCR 91		Project Name: Project Number:		339 GRAHAN 1102-0001	/I LATERA	L			Reported:
Midland TX, 79707		Project Manager:		rett Dennis					2/13/2025 10:11:37AM
		Anions	by EPA	300.0/9056	4				Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507003-BLK1)							Prepared: 0	2/10/25 A	Analyzed: 02/10/25
Chloride	ND	20.0							
LCS (2507003-BS1)							Prepared: 0	2/10/25 A	Analyzed: 02/10/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2507003-MS1)				Source:	E502059-	)2	Prepared: 0	2/10/25 A	Analyzed: 02/10/25
Chloride	523	20.0	250	280	97.5	80-120			
Matrix Spike Dup (2507003-MSD1)				Source:	E502059-	)2	Prepared: 0	2/10/25 A	Analyzed: 02/10/25
Chloride	526	20.0	250	280	98.7	80-120	0.534	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**

TargaProject Name:8339 GRAHAM LATERAL12600 WCR 91Project Number:21102-0001Reported:Midland TX, 79707Project Manager:Brett Dennis02/13/25 10:11

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			bah.	La	ab U	se Or	ıly				TA	ιΤ	EPA P	rogram 🍣
		GRAHA		TERAL	Attention: Amber Groves		Lab	WO#	044		Job	Number	21	1D	2D	3D	Standard	CWA	SDWA
Project N		Brett Marland	Dennis		Address: 201 South 4th St. City, State, Zip: Artesia, New Mexico	1	E	2012	14	5		02 - 000 ysis and N		<u> </u>			X		RCRA
9		bbs, NM			Phone:	! /		>			Anan	ysis allu iv	T	T					NCNA 4
Phone:					Email:agroves@targaresources.com		÷	JRO b										State	2
		tasman-g	eo.com		*PO Pending*			RO/C	21	300.0				ΣZ		¥	NM CO	UT AZ	TX
Report du			T			Lab		RO/D	by 8021	de 30							×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Number		TPH GRO/DRO/ORO by 8015	BTEX	Chloride 3	РІОН			верос		GDOC		Remarks	9:6
10:02	1/28/25	SOIL	ı	HA-10	@ 0.5 <sup>1</sup>	1					X								AIM
10:05		SOIL	1	HA-1		Z		×	×	X								*	
10:07		SOIL	i	HA1	ی ۲٫	3					X								
10110		SOIL	1	HA-1	२ उ'	4		×	×	×									
10:14		SOIL	١	HA-10	9 4'	5					X								of 30
10.18		SOIL	١	HA-16	5'	6		X	×	×			ã,						Page 26 of 30
11:16		SOIL	1	HA-2@	0.5	7		×	X	×									
11:21		SOIL	1	HA-2@	1'	8					Х						7,		
11:24		5012	1	HA-26	2!	9		x	×	x							1		
11:27		SOIL	1	HA-26	23'	10			11.		x								
Additiona	al Instruc	tions:																	
I, (field samp	ler), attest to	the validity	and authenti	city of this sample. I ar	n aware that tampering with or intentionally mislabellin action.  Sampled by:	BAST	ocatio	n,									eived on ice the day t °C on subsequent day		ed or received
Relinquishe		,	Date		Received by: (Signature)	Date 1/30/		Time	750	2	Rece	eived on	ice:	1000	ab U:	se Onl	lγ		
Relinquishe	12		Date	30/25 125	Received by: (Signature)	1-30-		Time 12	20	)	T1			T2			<u>T3</u>		
Ramquishe	d by: (Sign	onzale	Date	(200)	Received by: (Signature)	1.3/.	25	Time	30	)	AVG	i Temp °(		<del>{</del>					
Sample Matri	x: S - Soil, Sd	- Solid, <b>Sg</b> - 5	Sludge, A - A	queous, <b>0</b> - Other	_ amy	Containe	г Туре	e: <b>g</b> - g	glass,	<b>p</b> - p	oly/pl	astic, <b>ag</b> -	ambe	er glas	s, v -	VOA			Sa



Client:		Targa R	esources		Bill To		R. J.	- 121	1:	ah U	se Onl	V				TA	AT		EPA P	rogram
°roject: ' ∘roject M	lanager:	GRAHA Brett	M LAT	TERAL	Attention: Amber Groves Address: 201 South 4th St.		Lab E 5	wo#		Allowed to the second	Job N 2//	Number 02-00	01		2D	3D	17.7	andard X	CWA	SDWA
0	2620 W.				City, State, Zip: Artesia, New Mexico	Ō				_	Analy	sis and	Metho	d						RCRA
hone:	e, Zip Ho	DDS, NIVI	88240		Phone:			o by											State	
-	dennis@	tasman-g	eo.com		Email:agroves@targaresources.com *PO Pending*	<u>1</u>		)/OR		0				5				NM CO	UT AZ	TXT
Report di					TOTEMUNE			)/DRC	8021	300.0				Σ		×		×	-   /\L	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride	Hold			BGDOC		GDOC			Remarks	
1:30	1/28/25	SOIL	1	HA-	204'	11		X	x	×										
12:17		SUIL	.1	HA-	3@ 0.5'	12		×	×	x										
12:20		Soir	Į	HA-	3 e 1'	13		×	x	X										
12:23		SOIL	1	HA-	3@ 2'	14					X									
12:25		Soll	1	HA-	30 3'	15					X									of 30
12:28		5011	1	HA-3	3 @ 4'	14		X	x	x										Page 27
13:13		Soil	1		400.5	17					Х									 Pac
13:14		SOLL	ı	HA-	101'	18		x	×	×										
13:17		5012	I	HA-	402'	19					Х									
13:20	1	SOIL	1	HA-4	1@3	20					X									
Additiona	al Instruc	tions:	~																* = 11	
				city of this sample. I a	an aware that tampering with or intentionally mislabelli al action.  Sampled by: BRYAN	ng the sample	locatio	n,			100-010-010-00-00-0							n ice the day th ubsequent days		ed or received
Relinquishe	d by: (Signa	ture	Date 1/3	50/25 Time	Received by: (Signature)	Date 1/36/	25	Time	750		Rece	ived or	ice:		ab U	se On	lly		Š.	
Relinquishe	1	4	- 1/3	30/25 Time	Received by: (Signature)  Nucleur Signature)	1-30-	15	Time	250	)	T1			T2				T3		
Religionished	d by (Signa	ture)	Date	Time	Received by: (Signature)	-1.3/	25	Time 72	30		AVG	Temp '	c	1						
Sample Matri	x: S - Soil, Sd	- Solid, <b>Sg</b> - S	Sludge, A - Ac	queous, <b>O</b> - Other	- Carrie G	Containe		e: <b>g -</b> g	glass,	<b>p</b> - po				er glas	ss, v -	VOA				ő



Printed: 1/31/2025 11:54:09AM

#### **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.

Claims Targs Date Received 1975/5 1984 Wish Order ID. 1991/45   1980 1982 (2379-94975 Date longed in Day 1982)							
Examel: Observation of Custody (COC)  1. Does the number of samples (D match the COC?  2. Does the number of samples per sampling sile location match the COC  3. Were samples dropped of Fire yelent or carrier?  5. Were all samples exceived within holding time?  5. Were all samples exceived within holding time?  6. Does the number of samples continued as the inducestor.  5. Were all samples exceived within holding time?  7. Was a sample code received?  7. Was a sample code received?  7. Was a sample code received?  8. Hyss., was confer received?  8. Hyss., was confer received?  8. Hyss., was confer received in good condition?  9. Was the sample coder received in good condition?  11. Hyss., was confer received in good condition?  12. Was a sample coder received in good condition?  12. Was a sample coder received in good condition?  13. Hyss., was confer received in good condition?  14. Hyss., was conferred that, i.e., not bracker?  Note: Thermal procession is not expired, if samples we necessor with 15 minutes of sample in Proc. 1.e., 6°12°C  Note: Thermal procession is not expired, if samples we necessor with 15 minutes of sample in Proc. 1.e., 6°12°C  Note: Thermal procession is not expired, if samples we necessor with 15 minutes of sample collected in VOA vials?  13. Hym. visible rice, recard the temperature. Actual sample temperature: 4°C  8. Sample (Dorte in the processor of	Client:	Targa	Date Received:	01/31/25	07:30	Work Order I	D: E501245
Chain of Custody (COC)  1. Does the sample ID match the COC? 2. Does the number of samples per sampling site footnion match the CUC 2. Does the number of samples per sampling site footnion match the CUC 3. Were subject of the politic per certain of carrier? 4. We the COC complete, i.e., signatures, datasetimes, requested analyses? 5. Were all samples exceived within holding time? 6. Does the COC includes resident of LTAT? 6. Does the COC conflete sendent OLTAT? 7. Was a sample cooler received in good condition? 7. Was a sample cooler received in good condition? 8. If yes, was cooler received in good condition? 9. Was the samplest perceived time it, not brother? 10. Were custody/security seals insert? 11. Hyes, were custody/security seals insert? 12. Was the samplest perceived intert, i.e., not brother? 13. Are YOC samples present? 14. Are squerous VOC samples present? 15. Are YOC samples coolected in VOA Viala? 16. Is the beaut space test than 68 mm (pas vised or lessy? 17. Was as it plants (This included for YOC analyses? 18. Are non-NOC samples coolected in VOA Viala? 18. Are non-NOC samples coolected in VOA Viala? 19. It was a try that (This included for YOC analyses? 19. It was a try that (This included for YOC analyses? 19. It was a try that (This included for YOC analyses? 19. It was a try that (This included for YOC analyses? 19. It was a try that (This included for YOC analyses? 19. It is deposited the volume-wight or analyses? 19. It is applied to the sample were preserved? 20. Were field atheled 21. Does the COC or field libeds indicate the samples were preserved? 22. Are sampled power-orten than one phase, i.e., multiphase? 23. Are sampled parently proserved? 24. It is the floration required and/or requested for dissolved metals? 25. Are sampled parently proserved? 26. Are sampled parently proserved? 27. Are sampled parently proserved? 28. Are sampled parently proserved? 29. Was a subcontract Laboratory 29. Are sampled parently of the phase, i.e., multiphase? 20. Was a subcontract Laboratory 20. Was	Phone:	(432) 999-8675	Date Logged In:	01/31/25	08:43	Logged In By	7: Caitlin Mars
L Does the sample ID match the COC  2 Does the number of samples per sampling site location match the COC  3. Were samples deeped off by client or carrie?  4. Was the COC complete, i.e., signatures, data-strime, requested unalyses?  4. Was the COC complete, i.e., signatures, data-strime, requested unalyses?  5. Were all samples received within beling time?  6. Were with a sample received with beling time?  6. Were all samples received with beling time?  7. We as a sample Turn A round Time CTAS!  6. Did the COC indicate standard TAT, or Expedited TAT?  8. If yes, was could received in good condition?  9. Was the samplest perceived in sept of the condition?  10. Were causiody/security seals intanc?  11. If yes, were cutody/security seals intanc?  12. Was the sample received on set If yes, the recorded temp is 4°C, i.e., 6°±2°C  Note: The condition of the COC indicate standard that is the sample temperature: 4°C  8. Sample Continier  13. If no visible ice, received the repearance. Actual sample temperature: 4°C  8. Sample Continier  14. Are squeened VOC samples present?  15. Are VOC samples collected in VOA Viale?  16. Is the head species than 6.4 mine for standard or standard in VOA Viale?  17. Was a trip black (TB) included the VOC analyses?  18. Are non-VOC samples collected in the currer containers?  19. Is the performance less than 6.4 mine for standard containers?  19. Is the appropriate whomeweight or mariner of sample containers collected?  19. Are suppose to the container of sample containers collected?  19. Are suppose to the COC or field labels indicate the samples were preserved?  20. User in COC or field sample labels filled out with the minimum information:  8. Sample ID or correctly preserved?  21. Date Time Collected?  22. Are sampled to COC specify which phase(s) is to be analyzed?  23. Are sampled to COC specify which phase(s) is to be analyzed?  24. Are sampled to COC specify which phase(s) is to be analyzed?  25. Are sampled to COC or field the correct containers?  26. Due the sample required t	Email:	bdennis@tasman-geo.com	Due Date:	02/06/25	17:00 (4 day TAT)		
L Does the sample 1D match the COC  2 Does the number of sampling per sampling site location match the COC  3. Were samples deeped off by client or carrier?  4. Was the COC complete, i.e., signatures, data-vitmes, requested analyses?  4. Was the COC complete, i.e., signatures, data-vitmes, requested analyses?  5. Wew all samples received within beloifing time?  6. We was a sample received within beloifing time?  6. We was a sample received on the cliented in this discussion.  5. Sample Turn A round Time CTAS!  6. Dold the COC indicate standard TAT, or Expedited TAT?  5. Bright Cooler  7. Was a sample cooler received?  8. If yes, was cooler received in good condition?  9. Was the samplest preceived on use of If yes, the recorded temp in 4°C, i.e., 6°±°C  Note: The condect of the cooler of the cooler of the part of the par	Chain af	C					
2. Does the number of samples per sampling site location match the COC was been aumber of samples per sampling site location match the COC was surples received within holding front.  3. Were analysis depoyed offly elicited or carrier?  4. Was the COC complete, i.e., signatures, dateshimes, requested unalyses?  5. Were all samples received within holding front.  5. Were all samples received within holding front.  6. Did the COC indicates sandard TAT, or Espedited TAT?  7. Was a sample cooler received?  7. Was a sample cooler received in good condition?  7. Was a sample cooler received in good condition?  8. Were sample(s) received intent, i.e., not broken?  9. Was the sample scended in size if it, not broken?  10. Were satisfycieurity seals intent?  11. Hyes, were custody/security seals intent?  12. Was the sample scended on it? Hyes, the received set mp is 4°C, i.e., 6°4-2°C.  Note Thermal processition is not required, if samples are received with 15 minutes of samples and provided in NOA Vials?  13. Hare Visible ice, record the temperature. Actual sample temperature:  14. Are a aqueous VOC samples present?  15. Are VOC samples collected in VOA Vials?  16. Is the head ague less than 6-8 min (pas sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. The appropriate volume/weight or number of sample containers collected?  19. The appropriate volume/weight or number of sample containers collected?  20. Were field sample labels filled out with the minimum information:  10. Sample Does the COC or field labels indicate the samples were preserved?  10. Loca the COC or field labels indicate the samples were preserved?  10. A variety of the correct containers?  10. Sample Does the COC or field labels indicate the samples were preserved?  10. Sample Does the COC or field labels indicate the samples were preserved?  10. Sample Does the COC or field labels indica				37			
3. Were samples dropped off by client or carrier?  Wes the OCC complete, i.e., signatures, dates/dismos, requested analyses?  Swere all samples received within holding time?  Note Analysis, such as pel banks should be conducted in the field, i.e. 15 minute hold time, are not included in this distriction.  Sample Turn Around Time (TAT)  Did the COC indicate standard TAT; or Expedited TAT?  Was a sample cooler received?  Note Analysis and a pel banks should be conducted.  Note Analysis and a pel banks should be conducted.  Note of the cooler received in good condition?  Swere the sample cooler received in good condition?  Wes the sample cooler received in good condition?  Wes the sample cooler received in good condition?  Note of the sample received on the Ff Fys. the recorded temp is 4°C, i.e., 6°–2°C  Note. The major preservates in or equate, if samples are received will be a sample servation of required, if samples are received will be a sample servation of required in the personal standard in the control containers.  Note of the sample societies of the control of the sample servation in the control containers?  Note of the sample collected in VOA vilab?  Note of the sample collected in VOA vilab?  Note of the sample collected in the correct containers?  Note of the sample societies of the Sample collected?  Note of the sample collected in the correct containers?  Note of the sample collected?  Note of the sample collected in the correct containers?  Note of the sample collected in the correct		•	ch the COC				
4. Was the COC complete, i.e., signatures, data-silmon, requested analyses?  5. Were all samples review dwithin bolding inter?  5. Were all samples review dwithin bolding inter?  5. Were all samples review dwithin bolding inter.  5. Did the COC indicate standard TAT, or Expedited TAT?  5. Did the COC indicate standard TAT, or Expedited TAT?  5. Sample Cooler  5. His yes, ware cooler received in good condition?  7. Was a sample cooler received in good condition?  8. Hyes, ware consoly/security seals prisent?  10. Were custody/security seals prisent?  11. Hyes, were consoly/security seals prisent?  12. Was the sample cooler enceived on its Hyes, the recorded errop is 4°C, i.e., 6°±2°C.  13. How the sample cooler correction one? Hyes, the recorded remp is 4°C, i.e., 6°±2°C.  14. Was the sample cooler correction one? Hyes, the recorded remp is 4°C, i.e., 6°±2°C.  15. Are VOC samples coolered in the temperature. Acatal sample temperature: 4°C.  5. Sample Container.  14. Are approach VOC samples collected in VOA Vala?  15. Are VOC samples collected in the correct containers?  16. Is the head space less than 6.8 mm (pea sized or less)?  17. Was a surple block (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volunoweight or number of sample containers collected?  19. The appropriate volunoweight or number of sample containers?  19. In the appropriate volunoweight or number of sample containers?  19. In the appropriate volunoweight or number of sample containers?  19. In the appropriate volunoweight or number of sample containers?  19. In the appropriate volunoweight or number of sample containers?  19. In the appropriate volunoweight or number of sample containers?  19. In the appropriate volunoweight or number of sample containers?  20. Less the CoC of redi labels indicate the samples were proceeved?  21. Are samples of correctly preserved?  22. Are samples of correctly preserved?  23. Less inflicted for volunoweight or number of samples are number o			en the coc		Ci C	·:	
Service of Sample Content within holding time? Note: Another Service within holding time? Note: Another Service of the Service of the Service of the Service of the Service of S			sted analyses?		Carner: <u>C</u>	<u>ourier</u>	
Note: Analysis, such as pil which should be conducted in the field, its, 15 minus bebli time, are for included in this sluessesson.  Samuel Turn Around Time (TAT)  6. Did the COC indicate standard TAT, or Expedited TAT?  Sample Cooler  7 was a sample cooler received?  8. If yes, was cooler received in good condition?  9. Was the sample(s) received intact, i.e., not broken?  10. Were cutably/accurity seals intact?  10. Were cutably/accurity seals intact?  11. If yes, were custoply/accurity seals intact?  12. Was a sample cooler received on ice? If yes, the recorded temp is 4°C. i.e., 6°42°C  9. Was the sample received on ice? If yes, the recorded temp is 4°C. i.e., 6°42°C  9. Was the sample received on ice? If yes, the recorded temp is 4°C. i.e., 6°42°C  9. Was the sample received on ice? If yes, the recorded temp is 4°C. i.e., 6°42°C  9. Was the sample received on ice? If yes, the recorded temp is 4°C. i.e., 6°42°C  9. Was the complex cooler received on ice? If yes, the recorded temp is 4°C. i.e., 6°42°C  9. Was the sample to a sample speesma?  13. If no visible, i.e., preced the temperature: 4°C  Sample Container.  14. Are aqueous VOC samples present?  15. Are VOC samples coollected in VOA Vials?  16. Is the hard space less than 6.8 min (nea sized or less)?  17. Was a sample loof of the emperature of temperature of temperature of the correct containers?  9. Was filed sample labels filled out with the minimum information:  9. Sample ID?  10. Sample ID?  10. Sample ID?  11. If yes, were customed the emperature of temperature:  12. Does the COC or field liabels indicate the samples were preserved?  12. Loes the COC specify which phase(s) is to be analyzed?  13. It is lab filteration required and/or requested for dissolved metals?  14. It is lab filteration required to get sent to a subcontract laboratory?  15. Are sampled, oncoredly preserved?  16. See the sample have more than one phase, i.e., multiphase?  17. If yes, were closely described by the client and if so who?  18. Are sampled lower than the correct com							
Somble Cooler.  Nas a sample cooler received?  Nas a sample cooler received?  Nas a sample cooler received?  No and sample cooler received in good condition?  No and sample sectived in good sample sectived in cooler sample sectived on ice? Hys., the recorded lemp is 4°C, i.e., 6°12°C  No as the sample received on ice? Hys., the recorded lemp is 4°C, i.e., 6°12°C  Note: Thermal preservation is not required, if samples are received with 15 minutes of sampling  13. If no visible ice, record the temperature. Actual sample temperature:  14. Are aqueous VOC samples collected in VOA Viale?  No 15. Are VOC samples collected in the correct containers?  No 18. Are non-VoC samples collected in the correct containers?  No 19. Is de appropriate volume/weight or number of sample containers collected?  No sample Trescriotion  10. Does the COC or field labels indicate the samples were preserved?  No 19. Loss the COC or field labels indicate the samples were preserved?  No 19. Is the illumination required and/or requested for dissolved metals?  No 19. Is the illumination of the correct containers of the collectors name?  No 19. Is the collector?  No 19. Is the illumination of the correct containers of the collector name?  No 19. Is the collector of the collector of the collector name?  No 19. Is the illumination of the collector of the collector name?  No 19. Is the illumination of the collector of the collector name?  No 19. Is the illumination of the collector name?  No 19. It yes, the collector of t		Note: Analysis, such as pH which should be conducted in				Comn	nents/Resolution
7. Was a sample cooler received? 8. If yes, was cooler received? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custod/security seals present? 10. Were custod/security seals present? 11. If yes, were custod/security seals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°2°C Note: Thermal preservation is not required, if samples are received wil 15 infinition of sampling 13. If no visible ice, record the temperature. Actual sample temperature 4°C Sample Contrained 14. Are aqueous VOC samples present? 14. Are aqueous VOC samples collected in VOA Vials? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea steed or less)? 19. Is the paperprint volume/weight or number of sample containers of yes 19. Is the paperprint volume/weight or number of sample containers of yes 19. But the paperprint volume/weight or number of sample containers of yes 20. Were field sample labels filted out with the minimum information: 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? 25. Does the sample have more than one phase, i.e., multiphase? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are sample(s) correctly preserved? 29. Was a subcontract laboratory specified by the client and if so who? 29. Was a subcontract laboratory specified by the client and if so who? 29. Was a subcontract laboratory specified by the client and if so who? 20. Was a subcontract laboratory specified by the client and if so who? 20. Was a subcontract laboratory specified by the client and if so who? 20. Was a subcontract laboratory specified by the client and if so who? 20. Was a subcontract laboratory specified by the client and if so who? 21. Type in the subcontract laboratory specified by the client and if so who? 22				Yes		Project 8339 GRAH	AM LATERAL has
8. If yes, was cooler received in good condition? 9. Was the sample(s) received inact, i.e., not broken? 10. Were custed/yescurity seals present? 11. If yes, were custed/yescurity seals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°32°C Note: Thermal proservation is not required, if samples are received will 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: 21. Sample 10? 22. Are sample(s) correctly preserved? 23. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? 25. Does the COC or field labels indicate the samples were preserved? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are sample fare more than one phase, i.e., multiphase? 29. Was a subcontract Laboratory 29. Was a subcontract Laboratory specified by the client and if so who?  Client Instruction	Sample C	<u>Cooler</u>				been separated into 3	reports due to sample
8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? No 11. If yes, were custody/security seals intact? 12. Was the sample received on clest I/yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received wil 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Visis? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information. 19. Sample Preservation 20. Were field sample labels filled out with the minimum information. 19. Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? 10. No 1	7. Was a s	sample cooler received?		Yes		volume. WO are E01	1245 to E501247.
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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: 8339 GRAHAM LATERAL

Work Order: E501246

Job Number: 21102-0001

Received: 1/31/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/6/25

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: 2/6/25

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 8339 GRAHAM LATERAL

Workorder: E501246

Date Received: 1/31/2025 7:30:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/31/2025 7:30:00AM, under the Project Name: 8339 GRAHAM LATERAL.

The analytical test results summarized in this report with the Project Name: 8339 GRAHAM LATERAL 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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**Southern New Mexico Area** 

Lynn Jarboe

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

Cell: 505-320-4759

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**Michelle Gonzales** 

Client Representative

Office: 505-421-LABS(5227)

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# Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
HA-4 @ 4'	5
HA-5 @ 1'	6
HA-5 @ 4'	7
HA-6 @ 1'	8
HA-6 @ 4'	9
HA-7 @ 1'	10
HA-7 @ 4'	11
HA-8 @ 0.5'	12
HA-8 @ 1'	13
QC Summary Data	14
QC - Volatile Organics by EPA 8021B	14
QC - Nonhalogenated Organics by EPA 8015D - GRO	15
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	16
QC - Anions by EPA 300.0/9056A	17
Definitions and Notes	18
Chain of Custody etc.	19

#### Sample Summary

Γ	Targa	Project Name:	8339 GRAHAM LATERAL	Donoutoda
١	12600 WCR 91	Project Number:	21102-0001	Reported:
l	Midland TX, 79707	Project Manager:	Brett Dennis	02/06/25 12:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
HA-4 @ 4'	E501246-01A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-5 @ 0.5'	E501246-02A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-5 @ 1'	E501246-03A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-5 @ 2'	E501246-04A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-5 @ 3'	E501246-05A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-5 @ 4'	E501246-06A	Soil	01/28/25	01/31/25	Glass Jar, 4 oz.
HA-6 @ 0.5'	E501246-07A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-6 @ 1'	E501246-08A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-6 @ 2'	E501246-09A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-6 @ 3'	E501246-10A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-6 @ 4'	E501246-11A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-7 @ 0.5'	E501246-12A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-7 @ 1'	E501246-13A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-7 @ 2'	E501246-14A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-7 @ 3'	E501246-15A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-7 @ 4'	E501246-16A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-8 @ 0.5'	E501246-17A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-8 @ 1'	E501246-18A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-8 @ 2'	E501246-19A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-8 @ 3'	E501246-20A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.

Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 12:15:04PM

HA-4 @ 4' E501246-01

		E501240-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Tillalyte	Result	Liiiit	Dilution	Trepared	7 thaty zed	110103
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2506017
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
o,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
Surrogate: 4-Bromochlorobenzene-PID		87.5 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: SL			Batch: 2506017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg Analyst: AF			Batch: 2506021	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
Surrogate: n-Nonane		112 %	61-141	02/03/25	02/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	

Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 12:15:04PM

#### HA-5 @ 1' E501246-03

		2001210 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2506017
Benzene	ND	0.0250	1	02/03/25	02/06/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/06/25	
Toluene	ND	0.0250	1	02/03/25	02/06/25	
o-Xylene	ND	0.0250	1	02/03/25	02/06/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/06/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/06/25	
Surrogate: 4-Bromochlorobenzene-PID		86.9 %	70-130	02/03/25	02/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2506017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	02/03/25	02/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2506021
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		112 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	

Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 12:15:04PM

#### HA-5 @ 4' E501246-06

		E301240-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Think, to	resur	2		•	1 11111/ 200	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2506017
Benzene	ND	0.0250	1	02/03/25	02/06/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/06/25	
Toluene	ND	0.0250	1	02/03/25	02/06/25	
o-Xylene	ND	0.0250	1	02/03/25	02/06/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/06/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/06/25	
Surrogate: 4-Bromochlorobenzene-PID		86.5 %	70-130	02/03/25	02/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2506017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	02/03/25	02/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2506021
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		120 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 12:15:04PM

#### HA-6 @ 1' E501246-08

		E301240-00				
	D 1:	Reporting		D 1		N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2506017
Benzene	ND	0.0250	1	02/03/25	02/06/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/06/25	
Toluene	ND	0.0250	1	02/03/25	02/06/25	
o-Xylene	ND	0.0250	1	02/03/25	02/06/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/06/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/06/25	
Surrogate: 4-Bromochlorobenzene-PID		84.9 %	70-130	02/03/25	02/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2506017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	02/03/25	02/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2506021
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		112 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 12:15:04PM

#### HA-6 @ 4' E501246-11

		E301240-11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
,	/1	/1	A1	•		D 11 250(017
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anai	yst: SL		Batch: 2506017
Benzene	ND	0.0250	1	02/03/25	02/06/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/06/25	
Toluene	ND	0.0250	1	02/03/25	02/06/25	
o-Xylene	ND	0.0250	1	02/03/25	02/06/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/06/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/06/25	
Surrogate: 4-Bromochlorobenzene-PID		85.8 %	70-130	02/03/25	02/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2506017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	02/03/25	02/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2506021
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		109 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	·



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 12:15:04PM

#### HA-7 @ 1' E501246-13

	1301240 15				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2506017
ND	0.0250	1	02/03/25	02/06/25	
ND	0.0250	1	02/03/25	02/06/25	
ND	0.0250	1	02/03/25	02/06/25	
ND	0.0250	1	02/03/25	02/06/25	
ND	0.0500	1	02/03/25	02/06/25	
ND	0.0250	1	02/03/25	02/06/25	
	85.2 %	70-130	02/03/25	02/06/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2506017
ND	20.0	1	02/03/25	02/06/25	
	94.0 %	70-130	02/03/25	02/06/25	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2506021
ND	25.0	1	02/03/25	02/05/25	
ND	50.0	1	02/03/25	02/05/25	
	109 %	61-141	02/03/25	02/05/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2506023
24.4	20.0	1	02/03/25	02/03/25	
	mg/kg ND Mg/kg ND mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0500           ND         0.0250           85.2 %         mg/kg           mg/kg         mg/kg           ND         20.0           94.0 %         mg/kg           ND         25.0           ND         50.0           109 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           85.2 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           94.0 %         70-130           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           109 %         61-141         61-141           mg/kg         mg/kg         Anal	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: SL           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0500         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           mg/kg         Malyst: SL         ND         02/03/25           mg/kg         Analyst: SL         ND         02/03/25           mg/kg         Mg/kg         Analyst: AF           ND         25.0         1         02/03/25           ND         50.0         1         02/03/25           ND         50.0         1         02/03/25           ND         50.0         1         02/03/25           mg/kg         Mg/kg         Analyst: AF	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         02/03/25         02/06/25           ND         0.0250         1         02/03/25         02/06/25           ND         0.0250         1         02/03/25         02/06/25           ND         0.0500         1         02/03/25         02/06/25           ND         0.0250         1         02/03/25         02/06/25           ND         0.0250         1         02/03/25         02/06/25           ND         0.0250         1         02/03/25         02/06/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         02/03/25         02/06/25           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         02/03/25         02/05/25           ND         50.0         1         02/03/25         02/05/25           ND         50.0         1         02/03/25         02/05/25           ND         50.0         1         02/03/25



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 12:15:04PM

HA-7 @ 4' E501246-16

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	cg Analyst: SL			Batch: 2506017
ND	0.0250	1	02/03/25	02/06/25	
ND	0.0250	1	02/03/25	02/06/25	
ND	0.0250	1	02/03/25	02/06/25	
ND	0.0250	1	02/03/25	02/06/25	
ND	0.0500	1	02/03/25	02/06/25	
ND	0.0250	1	02/03/25	02/06/25	
	84.3 %	70-130	02/03/25	02/06/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2506017
ND	20.0	1	02/03/25	02/06/25	
	94.1 %	70-130	02/03/25	02/06/25	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2506021
ND	25.0	1	02/03/25	02/05/25	
ND	50.0	1	02/03/25	02/05/25	
	114 %	61-141	02/03/25	02/05/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2506023
ND	20.0	1	02/03/25	02/03/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           84.3 %         mg/kg           MD         20.0           94.1 %         mg/kg           ND         25.0           ND         50.0           114 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           84.3 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           94.1 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           114 %         61-141           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0500         1         02/03/25           ND         0.0250         1         02/03/25           ND         0.0250         1         02/03/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         02/03/25           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         02/03/25           ND         50.0         1         02/03/25           ND         50.0         1         02/03/25           ND         50.0         1         02/03/25           Mg/kg         Mg/kg         Analyst: AF	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         02/03/25         02/06/25           ND         0.0500         1         02/03/25         02/06/25           ND         0.0250         1         02/03/25         02/06/25           ND         0.0250         1         02/03/25         02/06/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         02/03/25         02/06/25           mg/kg         mg/kg         Analyst: SL           ND         25.0         1         02/03/25         02/06/25           ND         25.0         1         02/03/25         02/05/25           ND         50.0         1         02/03/25         02/05/25           ND         50.0         1         02/03/25         02/05/25 <td< td=""></td<>



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 12:15:04PM

#### HA-8 @ 0.5' E501246-17

		E301240-17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg Analyst: SL			Batch: 2506017	
Benzene	ND	0.0250	1	02/03/25	02/06/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/06/25	
Toluene	ND	0.0250	1	02/03/25	02/06/25	
o-Xylene	ND	0.0250	1	02/03/25	02/06/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/06/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/06/25	
Surrogate: 4-Bromochlorobenzene-PID		83.9 %	70-130	02/03/25	02/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2506017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	02/03/25	02/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: AF		Batch: 2506021
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		114 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 12:15:04PM

#### HA-8 @ 1' E501246-18

		E501240-18				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Lillit	Dilution	Frepareu	Allalyzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2506017
Benzene	ND	0.0250	1	02/03/25	02/06/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/06/25	
Toluene	ND	0.0250	1	02/03/25	02/06/25	
o-Xylene	ND	0.0250	1	02/03/25	02/06/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/06/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/06/25	
Surrogate: 4-Bromochlorobenzene-PID		84.3 %	70-130	02/03/25	02/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2506017
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	02/03/25	02/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2506021
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		117 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	



Surrogate: 4-Bromochlorobenzene-PID

# **QC Summary Data**

Targa 12600 WCR 91	Project Name: Project Number:	8339 GRAHAM LATERAL 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 12:15:04PM

12600 WCR 91 Midland TX, 79707		Project Number: Project Manager:		102-0001 rett Dennis				2/	/6/2025 12:15:04PM
		Volatile O	rganics b	y EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506017-BLK1)							Prepared: 02	2/03/25 Ana	alyzed: 02/05/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.00		8.00		87.6	70-130			
LCS (2506017-BS1)							Prepared: 02	2/03/25 Ana	lyzed: 02/05/25
Benzene	5.51	0.0250	5.00		110	70-130			
Ethylbenzene	5.30	0.0250	5.00		106	70-130			
Toluene	5.42	0.0250	5.00		108	70-130			
o-Xylene	5.28	0.0250	5.00		106	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	16.0	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.03		8.00		87.9	70-130			
LCS Dup (2506017-BSD1)							Prepared: 02	2/03/25 Ana	lyzed: 02/05/25
Benzene	5.21	0.0250	5.00		104	70-130	5.52	20	
Ethylbenzene	4.98	0.0250	5.00		99.6	70-130	6.14	20	
Toluene	5.12	0.0250	5.00		102	70-130	5.67	20	
o-Xylene	4.98	0.0250	5.00		99.6	70-130	5.85	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	5.91	20	
Total Xylenes	15.1	0.0250	15.0		101	70-130	5.89	20	

70-130



 Targa
 Project Name:
 8339 GRAHAM LATERAL
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 2/6/2025
 12:15:04PM

Nonhalogenated	Organics by	v EPA	.8015D -	GRO

Analyst: SL

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

Blank (2506017-BLK1)						Prepared: 02	2/03/25	Analyzed: 02/05/25
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00	93.4	70-130			
LCS (2506017-BS2)						Prepared: 02	2/03/25	Analyzed: 02/05/25
Gasoline Range Organics (C6-C10)	40.6	20.0	50.0	81.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00	93.8	70-130			
LCS Dup (2506017-BSD2)						Prepared: 02	2/03/25	Analyzed: 02/05/25
Gasoline Range Organics (C6-C10)	40.6	20.0	50.0	81.2	70-130	0.0569	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00	93.1	70-130			



Targa	Project Name:	8339 GRAHAM LATERAL	Reported:
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 12:15:04PM

Midland TX, 79707		Project Manage	r: Br	ett Dennis					2/6/2025 12:15:04PM
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506021-BLK1)							Prepared: 0	2/03/25 A	nalyzed: 02/04/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.6		50.0		111	61-141			
LCS (2506021-BS1)							Prepared: 0	2/03/25 A	nalyzed: 02/04/25
Diesel Range Organics (C10-C28)	295	25.0	250		118	66-144			
Surrogate: n-Nonane	57.9		50.0		116	61-141			
Matrix Spike (2506021-MS1)				Source:	E501247-	11	Prepared: 0	2/03/25 A	nalyzed: 02/04/25
Diesel Range Organics (C10-C28)	304	25.0	250	ND	122	56-156			
Surrogate: n-Nonane	61.7		50.0		123	61-141			
Matrix Spike Dup (2506021-MSD1)				Source:	E501247-	11	Prepared: 0	2/03/25 A	nalyzed: 02/04/25
Diesel Range Organics (C10-C28)	299	25.0	250	ND	119	56-156	1.85	20	
Surrogate: n-Nonane	60.7		50.0		121	61-141			

Targa 12600 WCR 91		Project Name: Project Number	Project Name: 8339 GRAHAM LATERAL Project Number: 21102-0001						Reported:				
Midland TX, 79707		Project Manager: Brett Dennis							2/6/2025 12:15:04PM				
		Anions	by EPA	300.0/9056	4				Analyst: DT				
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit					
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes				
Blank (2506023-BLK1)							Prepared: 0	2/03/25	Analyzed: 02/03/25				
Chloride	ND	20.0											
LCS (2506023-BS1)							Prepared: 0	2/03/25	Analyzed: 02/03/25				
Chloride	257	20.0	250		103	90-110							
Matrix Spike (2506023-MS1)				Source:	E501246-0	)6	Prepared: 0	2/03/25	Analyzed: 02/03/25				
Chloride	260	20.0	250	ND	104	80-120							
Matrix Spike Dup (2506023-MSD1)			<b>Source: E501246-06</b> Prepared: 0				2/03/25	Analyzed: 02/03/25					
Chloride	260	20.0	250	ND	104	80-120	0.250	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:
 8339 GRAHAM LATERAL

 12600 WCR 91
 Project Number:
 21102-0001
 Reported:

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 02/06/25 12:15

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		经营养		12	ah II	se On	lv				TA	T	FPA P	rogram 🕹
Client: Targa Resources Project: 8339 GRAHAM LATERAL	Attention: Amber Groves		Lab \	WO#				Numbe	er	1D	2D	3D	Standard	CWA	SDWA
Project Manager: Brett Dennis	Address: 201 South 4th St.		E5	0/2	14	6	2110	2.00	201				X		
Address: 2620 W. Marland Blvd	City, State, Zip: Artesia, New Mexico						Analy	sis and	Metho	d					RCRA
City, State, Zip Hobbs, NM 88240	Phone:			by											4
Phone:	Email:agroves@targaresources.com			ORO										State	1 1
Email bdennis@tasman-geo.com	*PO Pending*			)RO/	8021	0.00				Σ	1	×	NM CO	UT AZ	TX
Report due by:		Lab		RO/I	by 80	de 3(				2		"	×		
Time Date Matrix No. of Containers Sample ID		Number		трн GRO/DRO/ORO by 8015	BTEX by	Chloride 300.0	Hold			BGDOC		GDOC		Remarks	3.0
3:22 /28/25 SOIL 1 HA-4	'@4'	1		X		X									AUA
14:04 Sone 1 HA-5	@ 0.5'	2					Х								
14:06 Som 1 HA-5	Q 1'	3		X	×	X									
14:08 SOIL 1 HA-5	@ 21	4					х								
14:11 SOIL 1 HA-5	@ 3'	5					x								of 21
14:16 & som 1 HA-5		6		X	X	X									Page 19 of 21
	@ 0.5'	7					X								
7:45   SOIL 1 HA-6		8		x	×	×									
7:49   SOIL 1 HA-6		9					Χ								
7:51 / Soil 1 HA-G	@ 3'	10					X								
Additional Instructions:															
I, (field sampler), attest to the validity and authenticity of this sample. I am and date or time of collection is considered fraud and may be grounds for legal as:	ware that tampering with or intentionally mislabelling	the sample l	ocation,	,			100 00						eived on ice the day t		ed or received
Reingurshed by: (Signature)  Date  Time		Date		Time			(2000)								
1/30/25 0750		1/30/2	5	07	rso	7	Rece	ived c	n ice:		)/ N	se On	ıy		
Rélinquistred by: (Signature)  Date  1250	Received by: (Signature)	1-30 ×	5	_	50		<u>T1</u>			<u>T2</u>			<u>T3</u>		
Relinquished by: (Signature)  Michelle Gonzales 1-30:25 Time 1 30:25	O Rocoved by//Signature/	1.31.2	5	Time 12	30		AVG	Temp	°c(	4					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	_	Container	Type:	: <b>g</b> - gl	ass, p	<b>p</b> - p	oly/pla	stic, a	g - amb	er glas	s, v -	VOA			820



the second secon			Bill To	·			L	ab U	se On	ly		(4)			TAT		EPA P	rogram			
				4terial	79	tention: Amber Groves		Lab	WO#	+	, .		Numl			LD 21	D 3	D S	Standard	CWA	SDWA
	Manager: 2620 W.		Dennis Blvd	×	0.11.07.00.00	ddress: 201 South 4th St. ty, State, Zip: Artesia, New Mexico		ES	0/2	240	R	March 2 5 15	-	nd Met	_				X		RCRA
10	te, Zip Ho				- 10	ione:	4		λc		T	Anany	/313 a1	Id Wiet	T	T	Т	T			NCNA
hone:				ч		nail:agroves@targaresources.com			ORO I											State	
Report d	odennis@	tasman-g	eo.com		<u>*P</u>	O Pending*			DRO/	8021	300.0					Σ	1	×	NM CO	UT AZ	TX
Time	Date	Matrix	No. of Containers	Sample ID			Lab		TPH GRO/DRO/ORO by 8015	by	Chloride 3	p				верос	,	2000	×	Remarks	
7:54		SOIL	Containers	HA-	. @	,,,	Number		TPH (		ਨ X	Hold				BG		3			
2	1 10	DIL	<del> </del>				11		_	_						_	_		_		
8:40		801L	J	F-AH			12					X									
8:44		SOIL	1	HA-7	@ 1	<u>'</u>	13		X	X	×										
8:47		SOIL	j	HA-7	e 2		14					X									
8:49		SUL	1	F-AH	e 3'		15					х									of 21
8:53		SOIL	(	F-AH	e 41		16		X	x	x										Page 20 of 21
9:45		SUL	١	HA-8			17		X	X	х										Pag
9:48		SOIL	,	HA-86	e 1'	I	16		x	×	N										
9:51		シャル	1	HA-80			19					X	×	MEC							
9:54	1	SOIL	1	HA-8			20					X	X	mp.6							
Addition	al Instruc	tions:									1										
I, (field samp	oler), attest to	the validity	and authenti	city of this sample. I a	am aware t	that tampering with or intentionally mislabelling  Sampled by:   BRYAN	the sample l	ocation	,			C-20-00 X-22-0	FC. CA. 10. BUSCO						d on ice the day th		d or received
	ed by (Signa		Date	Time	50	Received by: (Signature)	Date 1/30/2		Time	750		Rece	ived	on ice	3/10	Lab (V)	Use N	Only			
15	ed by: (Signa	15	Date	Time	150	Received by: (Signature)	Date 1-70-2	5	Time	20		T1				2			T3		
Relinquishe Mich	ed by: (Signa velle G	ture)	Date	Time	030	Received by: (Signature)	1.31.2	5	Time 7	30	7	AVG	Tem	p °C	4						
Sample Matr	rix: <b>S</b> - Soil, <b>S</b> d	- Solid, <b>Sg</b> - S	Sludge, A - Ad	queous, <b>O</b> - Other			Container	Туре							ber g	glass, v	/ - VO	Α			8



Printed: 1/31/2025 11:55:28AM

#### **Envirotech Analytical Laboratory**

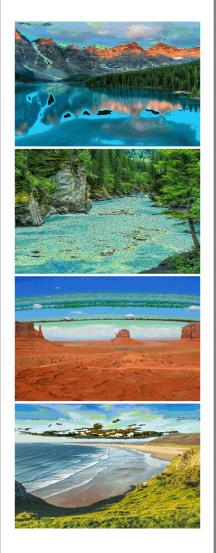
Sample Receipt Checklist (SRC)

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.

	1 8					
Client:	Targa	Date Received:	01/31/25 07:3	0	Work Order ID:	E501246
Phone:	(432) 999-8675	Date Logged In:	01/31/25 08:5	9	Logged In By:	Caitlin Mars
Email:	bdennis@tasman-geo.com	Due Date:	02/06/25 17:0	0 (4 day TAT)		
Chain of	Custody (COC)					
			Yes			
	e sample ID match the COC?  e number of samples per sampling site location mate	sh the COC				
	amples dropped off by client or carrier?	in the coc	Yes Yes	<b>c</b> · c	•	
	c COC complete, i.e., signatures, dates/times, reques	tad analysees?	Yes	Carrier: <u>C</u>	<u>ourier</u>	
	I samples received within holding time?	icu aliaiyses:	Yes			
J. Wele al	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		105		Comme	nts/Resolution
Sample T	urn Around Time (TAT)					
	COC indicate standard TAT, or Expedited TAT?		Yes		Project 8339 GRAHA	M LATERAL has
Sample C	ooler				been separated into 3 i	reports due to sample
	ample cooler received?		Yes		volume. WO are E012	-
8. If yes, v	was cooler received in good condition?		Yes		volume. We are 2012	13 to 2301217
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	were custody/security seals intact?		NA			
•	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling		Yes			
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>			
Sample C	ontainer_					
14. Are ac	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers?		Yes			
19. Is the a	ppropriate volume/weight or number of sample contain	ers collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum info	mation:				
	imple ID?		Yes			
	ate/Time Collected? ollectors name?		Yes	•		
	reservation		No			
	the COC or field labels indicate the samples were pro-	eserved?	No			
	mple(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved m	etals?	No			
	•	• • • • • • • • • • • • • • • • • • • •	110			
	se Sample Matrix he sample have more than one phase, i.e., multiphas	o?	NI.			
	does the COC specify which phase(s) is to be analy		No			
		zeur	NA			
	act Laboratory					
	mples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if		No NA Su	bcontract Lab	o: NA	
Client In	struction_					

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: 8339 GRAHAM LATERAL

Work Order: E501247

Job Number: 21102-0001

Received: 1/31/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/6/25

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: 2/6/25

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 8339 GRAHAM LATERAL

Workorder: E501247

Date Received: 1/31/2025 7:30:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/31/2025 7:30:00AM, under the Project Name: 8339 GRAHAM LATERAL.

The analytical test results summarized in this report with the Project Name: 8339 GRAHAM LATERAL 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

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mgonzales@envirotech-inc.com

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### **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
HA-8 @ 4'	5
HA-9 @ 0.5'	6
HA-9 @ 1'	7
HA-9 @ 4'	8
HA-10 @ 1'	9
HA-10 @ 4'	10
QC Summary Data	11
QC - Volatile Organics by EPA 8021B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

### Sample Summary

Targa	Project Name:	8339 GRAHAM LATERAL	Donoutode
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	02/06/25 15:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
HA-8 @ 4'	E501247-01A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-9 @ 0.5'	E501247-02A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-9 @ 1'	E501247-03A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-9 @ 2'	E501247-04A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-9 @ 3'	E501247-05A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-9 @ 4'	E501247-06A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-10 @ 0 .5'	E501247-07A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-10 @ 1'	E501247-08A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-10 @ 2'	E501247-09A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-10 @ 3'	E501247-10A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.
HA-10 @ 4'	E501247-11A	Soil	01/29/25	01/31/25	Glass Jar, 4 oz.

Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 3:21:31PM

HA-8 @ 4' E501247-01

		E301247-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2506018
Benzene	ND	0.0250	1	02/03/25	02/04/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/04/25	
Toluene	ND	0.0250	1	02/03/25	02/04/25	
o-Xylene	ND	0.0250	1	02/03/25	02/04/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/04/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/04/25	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2506018
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.0 %	70-130	02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: AF		Batch: 2506021
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		116 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2506024
Chloride	ND	20.0	1	02/03/25	02/03/25	

Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 3:21:31PM

#### HA-9 @ 0.5' E501247-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2506018
Benzene	ND	0.0250	1	02/03/25	02/04/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/04/25	
Toluene	ND	0.0250	1	02/03/25	02/04/25	
o-Xylene	ND	0.0250	1	02/03/25	02/04/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/04/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/04/25	
Surrogate: 4-Bromochlorobenzene-PID		93.4 %	70-130	02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2506018
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.7 %	70-130	02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2506021
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		112 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2506024
Chloride	ND	20.0	1	02/03/25	02/04/25	·



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 3:21:31PM

#### HA-9 @ 1' E501247-03

		E301247-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2506018
Benzene	ND	0.0250	1	02/03/25	02/04/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/04/25	
Toluene	ND	0.0250	1	02/03/25	02/04/25	
o-Xylene	ND	0.0250	1	02/03/25	02/04/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/04/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/04/25	
Surrogate: 4-Bromochlorobenzene-PID		93.6 %	70-130	02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2506018
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.0 %	70-130	02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2506021
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		112 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2506024
Chloride	ND	20.0	1	02/03/25	02/04/25	



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 3:21:31PM

HA-9 @ 4' E501247-06

		E301247-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA	<u> </u>	Batch: 2506018
Benzene	ND	0.0250	1	02/03/25	02/04/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/04/25	
Toluene	ND	0.0250	1	02/03/25	02/04/25	
o-Xylene	ND	0.0250	1	02/03/25	02/04/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/04/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/04/25	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2506018
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.4 %	70-130	02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: AF		Batch: 2506021
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		115 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2506024
Chloride	ND	20.0	1	02/03/25	02/03/25	



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 3:21:31PM

#### HA-10 @ 1' E501247-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2506018
Benzene	ND	0.0250	1	02/03/25	02/04/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/04/25	
Toluene	ND	0.0250	1	02/03/25	02/04/25	
o-Xylene	ND	0.0250	1	02/03/25	02/04/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/04/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/04/25	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2506018
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.2 %	70-130	02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2506021
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		113 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2506024
Chloride	ND	20.0	1	02/03/25	02/04/25	



Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	2/6/2025 3:21:31PM

#### HA-10 @ 4' E501247-11

		E301247-11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
,				lyst: BA	,	Batch: 2506018
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Alla	-		Batch: 2500018
Benzene	ND	0.0250	1	02/03/25	02/04/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/04/25	
Toluene	ND	0.0250	1	02/03/25	02/04/25	
o-Xylene	ND	0.0250	1	02/03/25	02/04/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/04/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/04/25	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2506018
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.0 %	70-130	02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2506021
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		115 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2506024
Chloride	ND	20.0	1	02/03/25	02/04/25	



8339 GRAHAM LATERAL Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 Midland TX, 79707 Project Manager: Brett Dennis 2/6/2025 3:21:31PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2506018-BLK1) Prepared: 02/03/25 Analyzed: 02/04/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.36 8.00 92.0 70-130 LCS (2506018-BS1) Prepared: 02/03/25 Analyzed: 02/04/25 5.28 106 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.06 0.0250 5.00 101 70-130 5.18 0.0250 5.00 104 70-130 Toluene 101 o-Xylene 5.07 0.0250 5.00 70-130 10.3 10.0 103 70-130 0.0500 p.m-Xvlene 102 70-130 15.4 15.0 Total Xylenes 0.0250 8.00 92.8 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.42 Matrix Spike (2506018-MS1) Source: E501247-06 Prepared: 02/03/25 Analyzed: 02/04/25 5.36 0.0250 5.00 ND 54-133 Benzene ND 103 61-133 Ethylbenzene 5.13 0.0250 5.00 Toluene 5.26 0.0250 5.00 ND 105 61-130 ND 103 63-131 5.14 5.00 0.0250 o-Xylene p,m-Xylene 10.4 0.0500 10.0 ND 104 63-131 15.6 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.59 8.00 Matrix Spike Dup (2506018-MSD1) Source: E501247-06 Prepared: 02/03/25 Analyzed: 02/04/25 5.67 0.0250 5.00 ND 113 54-133 5.54 20 61-133 6.10 5.46 0.0250 5.00 ND 109 20 Ethylbenzene 61-130 Toluene 5 58 0.0250 5.00 ND 112 5 92 20 5.46 5.00 ND 109 63-131 6.06 20 o-Xylene 0.0250 11.1 10.0 ND 111 63-131 6.01 20 p,m-Xylene 0.0500 Total Xylenes 16.5 0.0250 15.0 ND 110 63-131 6.03 20

8.00

94.9

70-130



Surrogate: 4-Bromochlorobenzene-PID

7.59

 Targa
 Project Name:
 8339 GRAHAM LATERAL
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 2/6/2025
 3:21:31PM

Nonhalogenated Organics by EPA 8015D - GRO
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Analyst: BA

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 (2506018-BLK1)							Prepared: 02	2/03/25 Ana	lyzed: 02/04/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.91		8.00		86.3	70-130			
LCS (2506018-BS2)							Prepared: 02	2/03/25 Ana	lyzed: 02/04/25
Gasoline Range Organics (C6-C10)	37.4	20.0	50.0		74.8	70-130		-	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00		87.7	70-130			
Matrix Spike (2506018-MS2)				Source:	E501247-0	06	Prepared: 02	2/03/25 Ana	lyzed: 02/04/25
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0	ND	83.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.04		8.00		88.0	70-130			
Matrix Spike Dup (2506018-MSD2)				Source:	E501247-0	06	Prepared: 02	2/03/25 Ana	lyzed: 02/04/25
Gasoline Range Organics (C6-C10)	40.4	20.0	50.0	ND	80.7	70-130	3.25	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.99		8.00		87.4	70-130			



 Targa
 Project Name:
 8339 GRAHAM LATERAL
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 2/6/2025
 3:21:31PM

Midland TX, 79707		Project Manage	r: Br	ett Dennis					2/6/2025 3:21:31PM
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506021-BLK1)							Prepared: 0	2/03/25 Ar	nalyzed: 02/04/25
tiesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	55.6		50.0		111	61-141			
.CS (2506021-BS1)							Prepared: 0	2/03/25 Ar	nalyzed: 02/04/25
viesel Range Organics (C10-C28)	295	25.0	250		118	66-144			
urrogate: n-Nonane	57.9		50.0		116	61-141			
Matrix Spike (2506021-MS1)				Source:	E501247-	11	Prepared: 0	2/03/25 Ar	nalyzed: 02/04/25
viesel Range Organics (C10-C28)	304	25.0	250	ND	122	56-156			
urrogate: n-Nonane	61.7		50.0		123	61-141			
Matrix Spike Dup (2506021-MSD1)				Source:	E501247-	11	Prepared: 0	2/03/25 Ar	nalyzed: 02/04/25
tiesel Range Organics (C10-C28)	299	25.0	250	ND	119	56-156	1.85	20	
urrogate: n-Nonane	60.7		50.0		121	61-141			



Targa		Project Name:		339 GRAHAN	A LATERA	<b>L</b>			Reported:
12600 WCR 91 Midland TX, 79707		Project Number: Project Manager:		1102-0001 rett Dennis					2/6/2025 3:21:31PM
		Anions	by EPA	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506024-BLK1)							Prepared: 0	2/03/25 A	nalyzed: 02/03/25
Chloride	ND	20.0							
LCS (2506024-BS1)							Prepared: 0	2/03/25 A	analyzed: 02/03/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2506024-MS1)				Source:	E501247-	06	Prepared: 0	2/03/25 A	analyzed: 02/03/25
Chloride	261	20.0	250	ND	104	80-120			
Matrix Spike Dup (2506024-MSD1)				Source:	E501247-	06	Prepared: 0	2/03/25 A	analyzed: 02/03/25
Chloride	261	20.0	250	ND	104	80-120	0.0480	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:
 8339 GRAHAM LATERAL

 12600 WCR 91
 Project Number:
 21102-0001
 Reported:

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 02/06/25 15:21

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 Ro	esources		Bill To				Li	ab Us	se Only				TA	T		EPA	Program
Project M	lanag	ger:	Brett	Dennis	ATERAL	Attention: Amber Groves Address: 201 South 4th St.		Lab V	vo#			Job Number 21102-000		LD 2	2D	3D		ndard X	CWA	
Address: City, Stat						City, State, Zip: Artesia, New N Phone:	Mexico		ργ	•	Γ	Analysis and Met	hod	$\overline{}$		Т				RCRA
			asman-ge	eo.com		Email:agroves@targaresource *PO Pending*	es.com		ТРН GRO/DRO/ORO by 8015	1	0.0			ΣZ			1	M CO	State UT A	
Report de	ue by	:		T			1		to/DF	y 802	e 300			- 1		¥		×		
Time Sampled	Da Sam		Matrix	No. of Containers	Sample ID	S	Lab Number		TPH GF 8015	ВТЕХ БУ 8021	Chloride 300.0	рон		BGDOC		GDOC			Remark	(S
9:57	1/29	25	SOIL	(	HA-	-8@4'			X	X	X									
10:36			SOIL	1	HA-	.9 @ 0.5'	2		X	X	X									
10:39			SOIL	1	HA-	901'	3		X	X	X									
10:41			SOIL	1		-9@2'	4					X								
10:44			SOIL	(	HA-	9@ 3'	5					X								
10:47			SOIL	1	HA.	-9@4	Le		×	X	x									
11:25			SOIL	Í	HA.	· 10 € 0.5'	7					x				φ0)				
(1:28			SOIL	(	HA-	10@ 1'	8		X	У	x									
11:30			SUIL	1	HA-	10@2'	9					x								
11:33	1	f	SUIL	(	HA	-10@3'	10					x								
Addition																7//				
I, (field samp date or time	ler), at of coll	test to	the validity a	and authenti I fraud and m	city of this sample. I am a	ware that tampering with or intentionally mi	islabelling the sample le	ocation,				Samples requiring them packed in ice at an avg t								iled or received
Relinquishe	d by:	Signa	ture)	Date 1/3	6/25 075	Received by: (Signature)	- 1/30/	25	ime O 7	50	)	Received on ice	:	Lat (Y)/		e Onl	У			
Relinguishe	d by:	(Signa	ture	Date	so/zs Time	Received by: (Signature)	Date 1-30-2	25		25		T1		2			Т	3		
Relinquishe Mich	d by:	(Signa	ture)	Date	30-25 163	Received by: (Signature)	Date 1.31.2	3	ine	30		AVG Temp °C_	4							
Sample Matr	ix: <b>S</b> - S	oil, Sd	- Solid, Sg - S	Sludge, A - Ad	queous, O - Other	— I	Container	Type:	g - g	lass, į	<b>p</b> - po	ply/plastic, <b>ag</b> - am	nber g	glass,	v - V	OA				



Client:		Targa R	esources		Barrier -	Bill To				La	ab Us	se Onl	У				T	AT		EPA P	rogram .
				MTERAL		ttention: Amber Groves		Lab	WO#	11	,7	Job N			1D	2D	3D	Sta	andard	CWA	SDWA
Project N	AND DESCRIPTION OF THE PARTY OF		Dennis		5-CS2-74-6	ddress: 201 South 4th St.		E5	506	25		2110							X		DCDA
	2620 W. e, Zip Ho				21.00.00	ty, State, Zip: Artesia, New Mexico			Tan	г —		Analys	sis and	Meth	od		_	-			RCRA
Phone:	e, zip no	DDS, INIVI	00240			mail:agroves@targaresources.com			0 by											State	
	dennis@	tasman-g	eo.com		The state of the state of	PO Pending*			J/0R		0				5				NM CO		TX
Report d	The boundary of the second second	В				Orenang			/DR(	8021	300.				Σ	1	¥		×	0, 7,2	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		-3-	Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	рюн			BGDOC		GDOC			Remarks	
11:36	1/29/25	Soil	1	HA-	10 G	٧ 4 '	11		×		×										
																				7	
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			/			NE															
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Addition	al Instruc	tions:																			
I, (field samp	ler), attest to	the validity a	and authenti	icity of this sample.	I am aware	that tampering with or intentionally mislabelling  Sampled by:	the sample I	ocation	n,										n ice the day the	hey are sample	d or received
	d by: (Signa		Date	Time	Contract of the Contract of th	Received by: (Signature)	Date 1/30/	25	Time	756		Recei	ived o	n ice:	(	Lab U Y// N	se On	nly			
19	d by: (Signa	_	Date 1/3	0/23 1	350	Received by: (Signature)	Date 1-30-2	15	_	250		<u>T1</u>			<u>T2</u>				T3		
Relinguishe lic	d by: (Signa helle	London thre)	les Date	30.25	630	Received by: (Signature)	1.31.2		Time	30		AVG			1						
Sample Matr	ix: S - Soil, Sd	- Solid, <b>Sg</b> - S	Sludge, <b>A</b> - A	queous, <b>0</b> - Other _			Container	г Туре	e: <b>g</b> - g	lass,	<b>p</b> - pc	oly/pla	stic, ag	- amb	er gla	ss, v -	VOA				(
																			100		-



Printed: 1/31/2025 11:57:11AM

#### **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:	01/31/25	07:30	Wor	k Order ID:	E501247
Phone:	(432) 999-8675	Date Logged In:	01/31/25	09:02	Log	ged In By:	Caitlin Mars
Email:	bdennis@tasman-geo.com	Due Date:	02/06/25	17:00 (4 day TAT)			
	G + 1 (G0G)						
	Custody (COC)		37				
	ne sample ID match the COC? The number of samples per sampling site location main	oh the COC	Yes				
	amples dropped off by client or carrier?	ch the COC	Yes	a : c			
	e COC complete, i.e., signatures, dates/times, reques	eted analyses?	Yes Yes	Carrier: C	<u>courier</u>		
	Il samples received within holding time?	sted unaryses:	Yes				
5. West a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		100			Comment	s/Resolution
	Aurn Around Time (TAT)  COC indicate standard TAT, or Expedited TAT?		Yes		Project 8339	GRAHAN	M LATERAL has
Sample C	<u>Cooler</u>				been separated	l into 3 re	ports due to sample
7. Was a s	sample cooler received?		Yes		volume. WO a	re E0124	5 to E501247
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C	Container	•	_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers'	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>oel</u>						
20. Were	field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
	ate/Time Collected? ollectors name?		Yes				
	reservation		No				
-	the COC or field labels indicate the samples were pre-	eserved?	No				
	ample(s) correctly preserved?	eservea.	NA				
	filteration required and/or requested for dissolved n	netals?	No				
	se Sample Matrix		110				
	the sample have more than one phase, i.e., multipha	se?	No				
	, does the COC specify which phase(s) is to be analy		NA				
		, zed.	INA				
	act Laboratory	9	3.7				
	amples required to get sent to a subcontract laborato	-	No NA	01 4 11	314		
	subcontract laboratory specified by the client and it	so wno?	NA	Subcontract Lab	: NA		
Client Ir	<u>istruction</u>						

Date

Appendix F – Seed Mixture & Soil Type

#### **NMSLO Seed Mix**

# Sandy Loam (SL)

#### SANDY LOAM (SL) SITES SEED MIXTURE:

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX	
Grasses:				
Galleta grass	Viva, VNS, So.	2.5	${f F}$	
Little bluestem	Cimmaron, Pastura	2.5	$\mathbf{F}$	
Blue grama	Hachita, Lovington	2.0	D	
Sideoats grama	Vaughn, El Reno	2.0	$\mathbf{F}$	
Sand dropseed	VNS, Southern	1.0	$\mathbf{S}$	
Forbs:				
Indian blanketflower	VNS, Southern	1.0	D	
Parry penstemon	VNS, Southern	1.0	D	
Blue flax	Appar	1.0	D	
Desert globemallow	VNS, Southern	1.0	D	
Shrubs:				
Fourwing saltbush	VNS, Southern	2.0	D	
Common winterfat	VNS, Southern	1.0	$\mathbf{F}$	
Apache plume	VNS, Southern	0.75	$\mathbf{F}$	
	Total PLS/acro	e 17.75		

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box

- VNS, Southern No Variety Stated, seed should be from a southern latitude collection of this species.
- Double above seed rates for broadcast or hydroseeding.
- If Parry penstemon is not available, substitute firecracker penstemon.
- If desert globemallow is not available, substitute scarlet globemallow or Nelson globemallow.
- If a species is not available, provide a suggested substitute to the New Mexico Land Office for approval. Increasing all other species proportionately may be acceptable.



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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 448831

#### **QUESTIONS**

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	448831
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2424231917
Incident Name	NAPP2424231917 GRAHAM LATERAL 8" @ 0
Incident Type	Natural Gas Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2123031392] TARGA NORTHERN DELAWARE, LLC.

Location of Release Source	
Please answer all the questions in this group.	
Site Name	GRAHAM LATERAL 8"
Date Release Discovered	08/28/2024
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: Equipment Failure   Pipeline (Any)   Condensate   Released: 6 BBL   Recovered: 0 BBL   Lost: 6 BBL.	
Natural Gas Vented (Mcf) Details	Cause: Corrosion   Pipeline (Any)   Natural Gas Vented   Released: 164 MCF   Recovered: 0 MCF   Lost: 164 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 448831

**QUESTIONS** (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300	OGRID: 331548 Action Number:	
Tulsa, OK 74119	448831 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	No	
Reasons why this would be considered a submission for a notification of a major release	Unavailable.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.	
Initial Response		
The responsible party must undertake the following actions immediately unless they could create a 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.	
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o 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 releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses 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 t does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 04/04/2025	

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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 448831

**QUESTIONS** (continued)

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	448831
	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 approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
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	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 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 provided to	the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	689	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2630	
GRO+DRO (EPA SW-846 Method 8015M)	1390	
BTEX (EPA SW-846 Method 8021B or 8260B)	0	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed which includes the anticipated timelines for beginning and completing the remediation.	d 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	06/01/2025	
On what date will (or did) the final sampling or liner inspection occur	01/28/2025	
On what date will (or was) the remediation complete(d)	08/30/2025	
What is the estimated surface area (in square feet) that will be reclaimed	8899	
What is the estimated volume (in cubic yards) that will be reclaimed	1318	
What is the estimated surface area (in square feet) that will be remediated	8899	
What is the estimated volume (in cubic yards) that will be remediated 1390		
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

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

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# 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 448831

**QUESTIONS** (continued)

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	448831
	Action Type:
	[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.)		
Yes		
LEA LAND LANDFILL [fEEM0112342028]		
Not answered.		

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

Name: Amber Groves
Title: Environmental Specialist
Email: agroves@targaresources.com
Date: 04/04/2025

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.

Released to Imaging: 4/8/2025 3:02:30 PM

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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 448831

**QUESTIONS** (continued)

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	448831
	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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# 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 448831

QUESTIONS (continued)

Operator:	OGRID:		
Targa Northern Delaware, LLC.	331548		
110 W. 7th Street, Suite 2300	Action Number:		
Tulsa, OK 74119	448831		
	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.}		
Pomodiation Closure Poquet			

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission

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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 448831

#### **CONDITIONS**

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	448831
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation plan approved with conditions:	4/8/2025
scwells	1)Verify release lat/long with next submission. Initial C-141 lists location as: 32.4248326, -103.7400113. The cover page of report lists location as: 32.428326,-103.7400113. Figure 5 lists location as 32.425109, -103.741214.	4/8/2025
scwells	2) The minimum distances to the following should be updated upon C-141 application submission and within the report: the location of any other significant watercourse is between 1000 ft-1/2 mile to NE of release and a wetland is located 1-5 miles N when referring to the National Wetlands Inventory Mapper.	4/8/2025
scwells	3) The variance request is approved to collect bottom confirmation samples no more than every 400 ft2 and sidewall samples no more than every 200 ft2.	4/8/2025
scwells	Submit remediation closure report to the OCD by 7/7/25.	4/8/2025