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 4th Street
Artesia, NM 88210

PREPARED BY

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

TASMAN

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

TASMAN

TABLE OF CONTENTS

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^2). 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

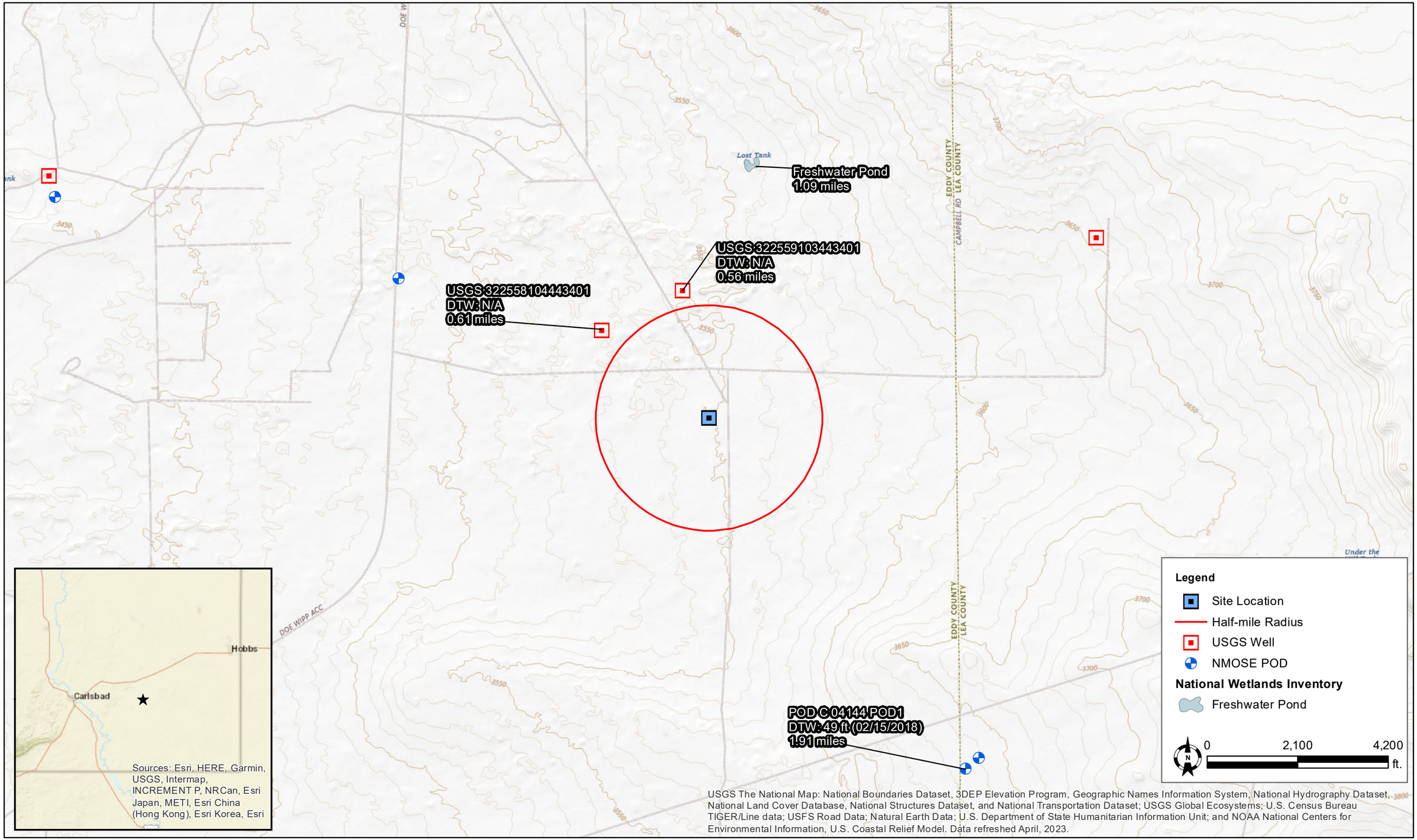
Upon receipt of confirmation samples that indicate remediation objectives have been met, areas affected by the release and associated remediation activities will be restored to the condition which existed prior to the release to the maximum extent possible. Excavated areas will be backfilled with non-impacted "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.

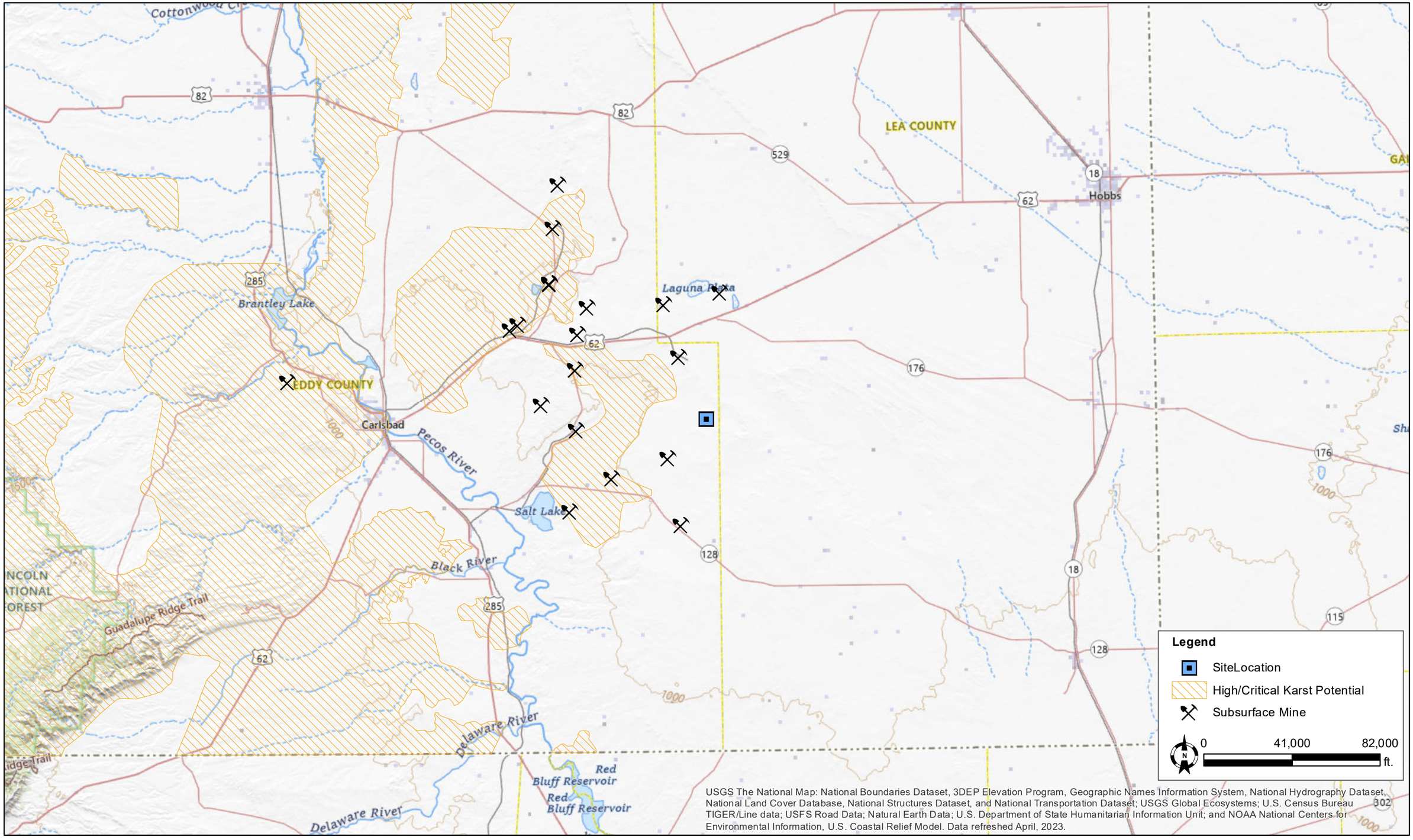
Upon approval the area will be seeded using the approved seed mixture during the next favorable growing season. The seed mix will be broadcast at a rate two times the suggested amount to ensure the greatest likelihood for sufficient germination. The seed will be "set" using mechanical means (e.g., screen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

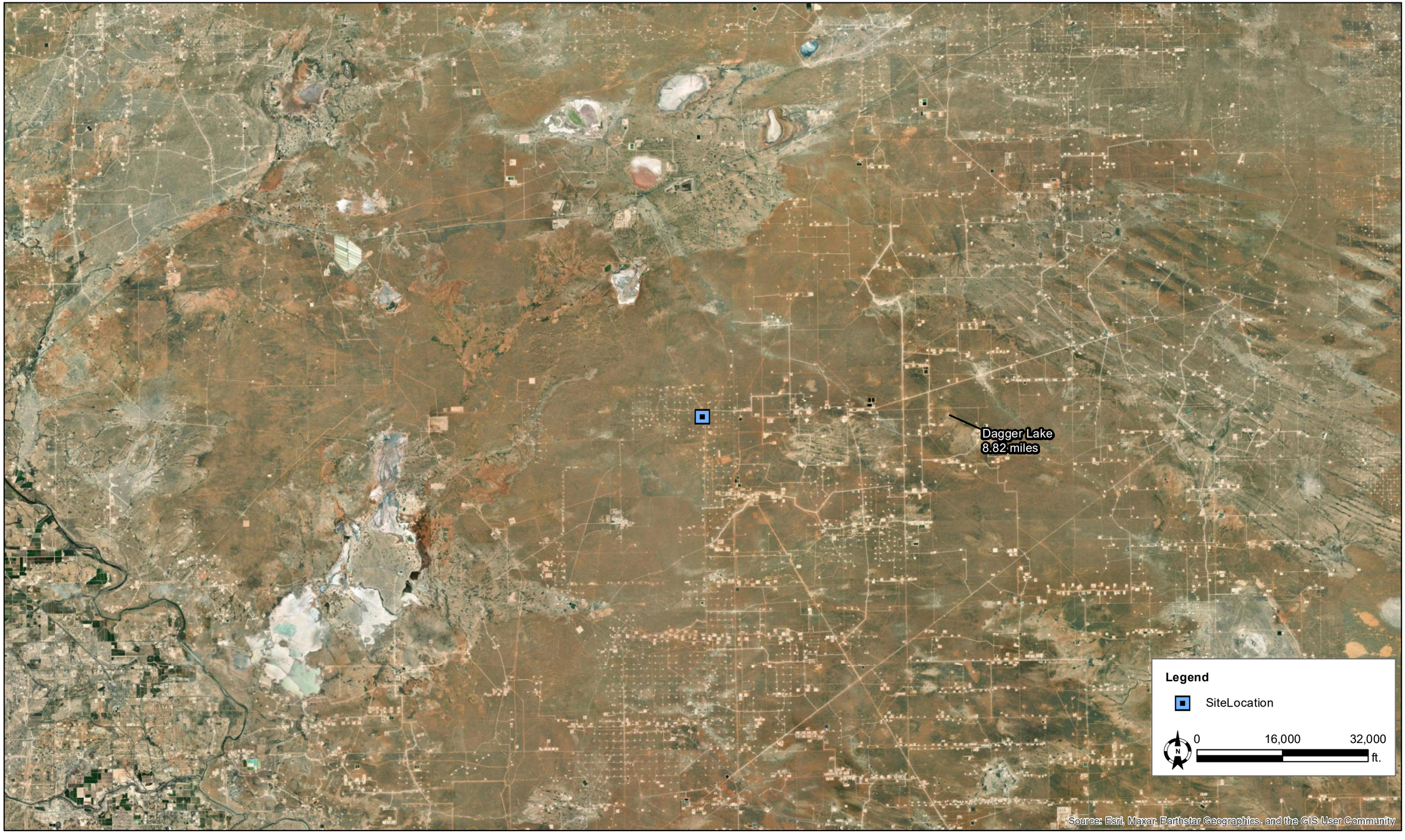


DATE: March 2025 DESIGNED BY: C. Flores DRAWN BY: C. Flores	TASMAN **Tasman, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**Targa Resources** **Graham Lateral** UL "D", Sec. 1, T22S, R31E Eddy County, New Mexico	Endangered Species Habitat Map	Figure 1



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed April, 2023.

DATE: March 2025 DESIGNED BY: C. Flores DRAWN BY: C. Flores	TASMAN **Tasman, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**Targa Resources** **Graham Lateral - nAPP2424231917** GPS: 32.425109 -103.741214 Eddy County, New Mexico	Karst Potential & Subsurface Mine Map	Figure 2



DATE: March 2025 DESIGNED BY: C. Flores DRAWN BY: C. Flores	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

National Flood Hazard Layer FIRMette

FEMA

103°44'47"W 32°25'45"N

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

1:6,000

103°44'10"W 32°25'14"N

Basemap Imagery Source: USGS National Map 2023

Legend

Figure 4

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

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

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

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

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

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

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

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 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.

DATE: February 2025 DESIGNED BY: B. Bastos DRAWN BY: K. Stark	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**Targa Resources** **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

Sample ID	Sample Depth	Sample Date	Soil Status	PID (ppm)	Field Chloride (mg/kg)	Benzene (mg/kg)	Total BTEX[1] (mg/kg)	TPH[2] (mg/kg)				Chloride[3] (mg/kg)
								GRO	DRO	MRO	TOTAL	
HA-1*	Surface - 6"	1/28/2025	In-Situ	0.4	86	---	---	---	---	---	---	---
	1'		In-Situ	0.3	87	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
	2'		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'		In-Situ	0.1	115	---	---	---	---	---	---	---
	5'		In-Situ	0.2	118	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
HA-2*	Surface - 6"	1/28/2025	In-Situ	0.0	169	<0.0250	<0.0250	<20.0	**1,210**	**1,380**	**2,590**	**114**
	1'		In-Situ	0.2	114	---	---	---	---	---	---	---
	2'		In-Situ	0.3	140	<0.0250	<0.0250	<20.0	**29.5**	**69.7**	**99.2**	<20.0
	3'		In-Situ	0.3	120	---	---	---	---	---	---	---
	4'		In-Situ	0.6	260	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	**108**
HA-3*	Surface - 6"	1/28/2025	In-Situ	0.2	590	<0.0250	<0.0250	<20.0	**1,390**	**1,240**	**2,630**	**689**
	1'		In-Situ	0.1	385	<0.0250	<0.0250	<20.0	**625**	**567**	**1,192**	**441**
	2'		In-Situ	0.3	115	---	---	---	---	---	---	---
	3'		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**
HA-4*	Surface - 6"	1/28/2025	In-Situ	0.2	173	---	---	---	---	---	---	---
	1'		In-Situ	0.5	117	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
	2'		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
HA-5*	Surface - 6"	1/28/2025	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
	2'		In-Situ	0.1	121	---	---	---	---	---	---	---
	3'		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
HA-6*	Surface - 6"	1/29/2025	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
	2'		In-Situ	0.2	115	---	---	---	---	---	---	---
	3'		In-Situ	0.3	144	---	---	---	---	---	---	---
	4'		In-Situ	0.2	143	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
HA-7*	Surface - 6"	1/29/2025	In-Situ	0.2	86	---	---	---	---	---	---	---
	1'		In-Situ	0.1	120	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	**24.4**
	2'		In-Situ	0.1	114	---	---	---	---	---	---	---
	3'		In-Situ	0.2	149	---	---	---	---	---	---	---
	4'		In-Situ	0.1	122	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
HA-8*	Surface - 6"	1/29/2025	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
	2'		In-Situ	0.1	113	---	---	---	---	---	---	---
	3'		In-Situ	0.3	116	---	---	---	---	---	---	---
	4'		In-Situ	0.3	114	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
HA-9*	Surface - 6"	1/29/2025	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
	2'		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
HA-10*	Surface - 6"	1/29/2025	In-Situ	0.6	140	---	---	---	---	---	---	---
	1'		In-Situ	1.1	116	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
	2'		In-Situ	0.3	122	---	---	---	---	---	---	---
	3'		In-Situ	0.5	87	---	---	---	---	---	---	---
	4'		In-Situ	1.8	87	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0
NMOCD Reclamation Standards[4] (Applicable for soils less than 4 ft. below grade surface)				**N/A**	**N/A**	**10**	**50**	**N/A**			**100**	**600**
NMOCD Remediation and Delineation Standards[5] (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

Enter data in shaded fields to calculate gas volumes released due to leak and blowdown of system.

Hours of leak =	0.5	Example:
Diameter of hole (inches) =	1.4	Leak for 4 (est) hours out of a 1/4 inch hole with line presure of 750 psig
Upstream Pressure =	150	

Volume of gas (mcf/hr) loss is equal to the hole diameter squared times the upstream pressure absolute. *

Volume of Gas Leaked = 161.41 Mcf

Footage of Pipe blowndown =	6864	
Initial line pressure =	47	Calculated factor for line pack = 0.366
Diameter of Pipe (inches) =	4	

Example:

Volume of Gas BlownDown = 2.51 Mcf

Loss of gas due to blowdown of 7 miles of 12 inch at initial pressure 51 psig

Reportable	50 Mcf
Immediate Notification	500 Mcf

Total Volume of Gas Loss = 163.92 Mcf

Comments:

Name : Amber Groves | Title : ES&H Staff

* Pipeline Rules of Thumb Handbook /**2nd Edition**

TARGA

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.

Does the spill area have a high slope?	No

Is the spill area wet from rain?	No

Clear All

Circular Shape Spill

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

Square or Rectangular Shape spill

Enter Length **(ft)**	20
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%
Select Viscosity Dependent Parameter	High (ex. Light fuel 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 Parameter	Low (Ex. gasoline, 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 Rectangles	

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

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

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

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

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

QUESTIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 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 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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QUESTIONS (continued)

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

QUESTIONS

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

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

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

I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 09/03/2024

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QUESTIONS (continued)

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

QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	*Not answered.*
What method was used to determine the depth to ground water	*Not answered.*
Did this release impact groundwater or surface water	*Not answered.*
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*
A subsurface mine	*Not answered.*
An (non-karst) unstable area	*Not answered.*
Categorize the risk of this well / site being in a karst geology	*Not answered.*
A 100-year floodplain	*Not answered.*
Did the release impact areas not on an exploration, development, production, or storage site	*Not answered.*

Remediation Plan

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

Requesting a remediation plan approval with this submission	No

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

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CONDITIONS

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

CONDITIONS

Created By	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 (Sponsoring) Agency: New Mexico State Land Office (NMSLO)	2b. Other Permitting Agency(ies):	3. Lead Agency Report No.:

4. Title of Report: A Class III Cultural Resource Survey for the Graham Lateral Pipeline Release in Eddy County, New Mexico
Author(s) Lincoln Harschlip, Dominic Montoya

5. Type of Report
☒ **Negative**
☐ **Positive**

6. Investigation Type
☐ Research Design ☒ Survey/Inventory ☐ Test Excavation ☐ Excavation ☐ Collections/Non-Field Study
☐ Overview/Lit Review ☐ Monitoring ☐ Ethnographic study ☐ Site specific visit ☐ Other

7. Description of Undertaking (what does the project entail?):
Targa Northern Delaware LLC, a subsidiary of Targa Resources, LLC (Targa), had an inadvertent release at their Graham Lateral Pipeline in Eddy County, New Mexico. The release consisted of an area measuring in total approximately 0.24 acres (8,899.6 sq feet) on New Mexico State Land Office (NMSLO) managed lands. NMSLO is serving as the lead agency for cultural/environmental compliance review of this project.

WSP conducted a Class III investigation of the release project area on NMSLO land and the pedestrian survey covered approximately 1.81 acres (0.73 hectares). The survey area was defined as the extent of the release and overspray area plus a 100-foot-wide centered buffer. No previously recorded sites were revisited during this Class III effort. No new sites or isolated manifestations (IMs) were encountered. No further investigation or treatment is recommended for the current undertaking.

8. Dates of Investigation: October 30, 2024

9. Report Date: November 8, 2024

10. Performing Agency/Consultant: WSP USA
Principal Investigator: Lincoln Harschlip
Project Manager: Jennifer Hyre
Field Supervisor: Chris Carlson
Field Personnel Names:

11. Performing Agency/Consultant Report No.:
N/A

12. Applicable Cultural Resource Permit No(s):
NM-25-079-S (expires 12-31-2025)

13. Client/Customer (project proponent):
Targa Northern Delaware LLC, a subsidiary of Targa Resources, LLC
Contact: James Sanford
Address: PO Box 158, Artesia, NM 88211
Phone: 575-810-6002

14. Client/Customer Project No.:
WSP Project Number: 182785B, Task 111

15. Land Ownership Status ***(Must be indicated on project map):***

Landowner	Acres Surveyed	Acres in APE
SLO	1.81	0.20
TOTALS	**1.81**	**0.20**

16 Records Search(es):

Date(s) of ARMS File Review 10/30/2024	**Name of Reviewer(s)** Dominic Montoya	
Date(s) of NR/SR File Review 10/30/2024	**Name of Reviewer(s)** Dominic Montoya	
Date(s) of Other Agency File Review	**Name of Reviewer(s)**	**Agency**

17. Survey Data:

a. Source Graphics ☐ **NAD 27** ☒ **NAD 83**
☒ **USGS 7.5' (1:24,000) topo map** ☐ **Other topo map, Scale:**
☒ **GPS Unit** **Accuracy** ☒**<1.0m** ☐ **1-10m** ☐ **10-100m** ☐**>100m**

b. USGS 7.5' Topographic Map Name / **USGS Quad Code**

The Divide	32103-D6

c. County(ies): Eddy

17. Survey Data (continued):

d. Nearest City or Town: Loving, NM

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	Y	Map
NA	C 04695 POD1	SW	SW	SW	35	21S	31E	617014.9	3588636.8	

*** UTM location was derived from PLSS - see Help**

Driller License:	1184	**Driller Company:**	WEST TEXAS WATER WELL SERVICE		
Driller Name:	RUSSELL SOUTHLAND				
Drill Start Date:	2023-01-12	**Drill Finish Date:**	2023-01-12	**Plug Date:**	2023-01-16
Log File Date:	2023-02-20	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	110	**Depth Water:**	

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	Y	Map
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	**Driller Company:**	WHITE DRILLING COMPANY		
Driller Name:	ATKINS., WILLIAM B.				
Drill Start Date:	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:

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

Casing Perforations:

Top	Bottom
38	58

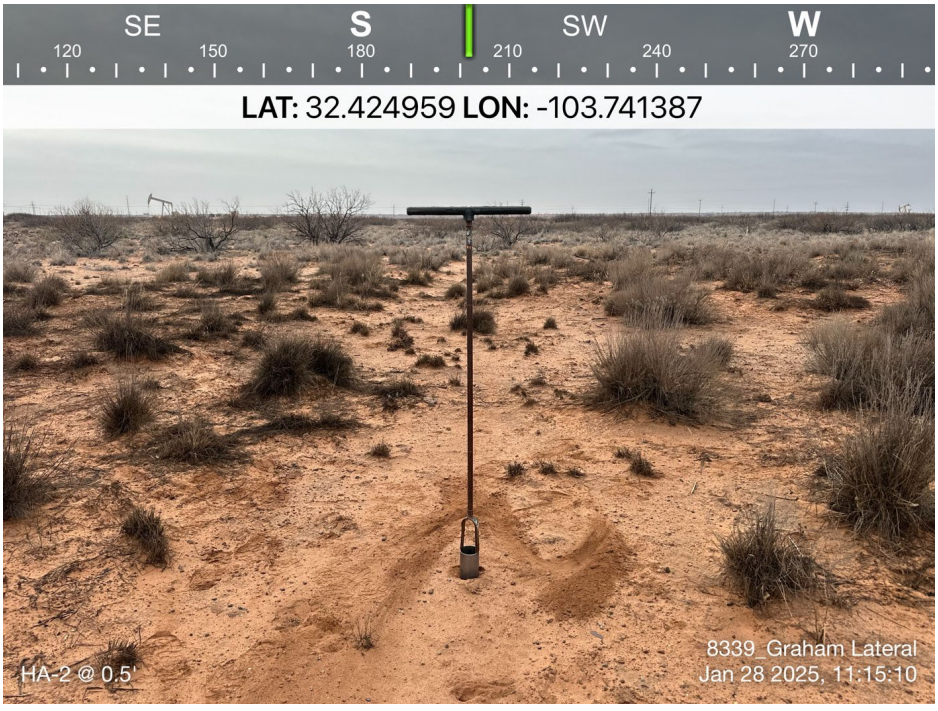
3/19/25 11:15 AM MST **Point of Diversion Summary**

Appendix D – Photographic Log

Targa Resources

Graham Lateral Line Leak

Hand Auger Delineation (HA-1)



Hand Auger Delineation (HA-2)

Targa Resources

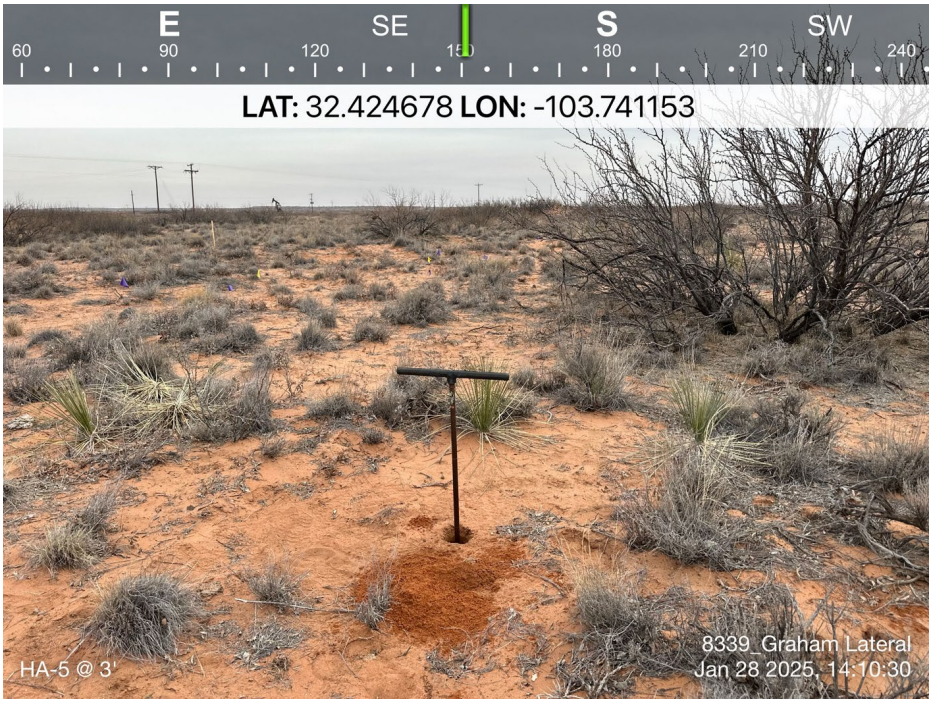
Graham Lateral Line Leak

Hand Auger Delineation (HA-3)

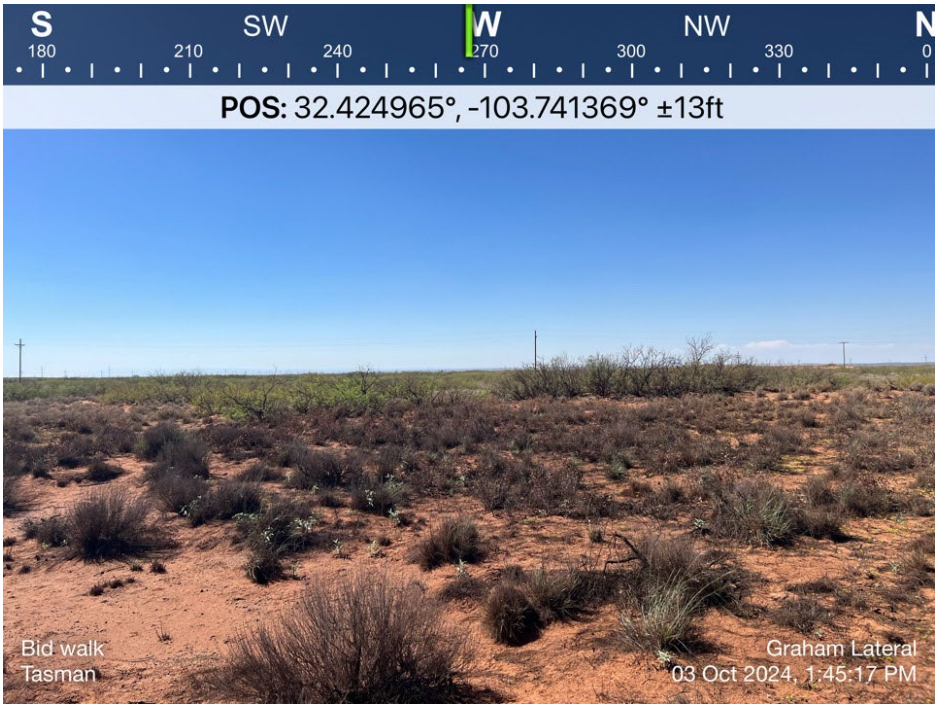
Hand Auger Delineation (HA-4)

Targa Resources

Graham Lateral Line Leak



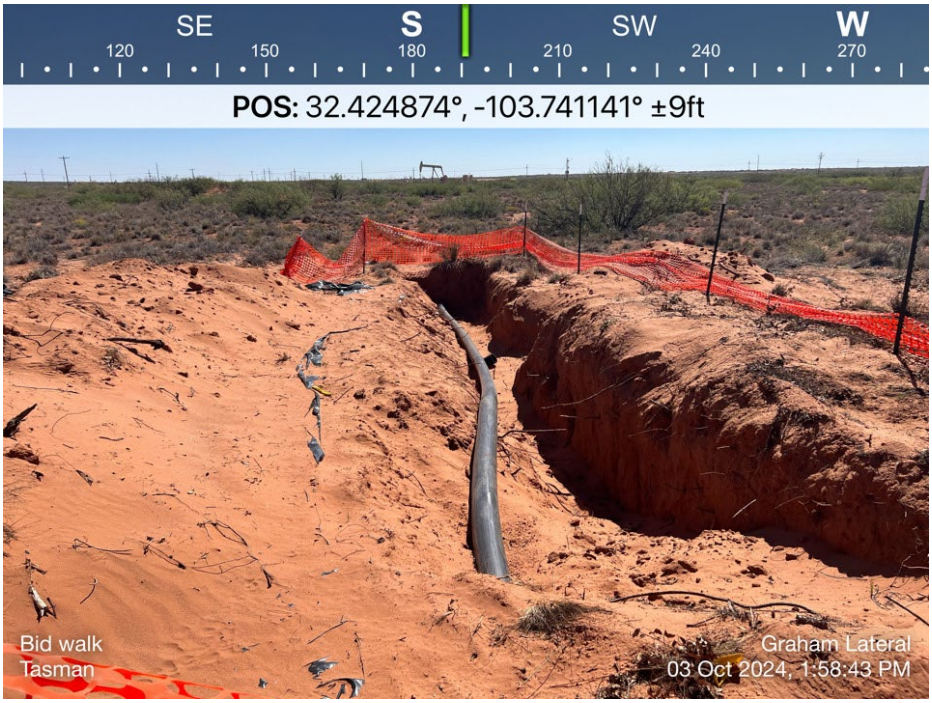
Hand Auger Delineation (HA-5)



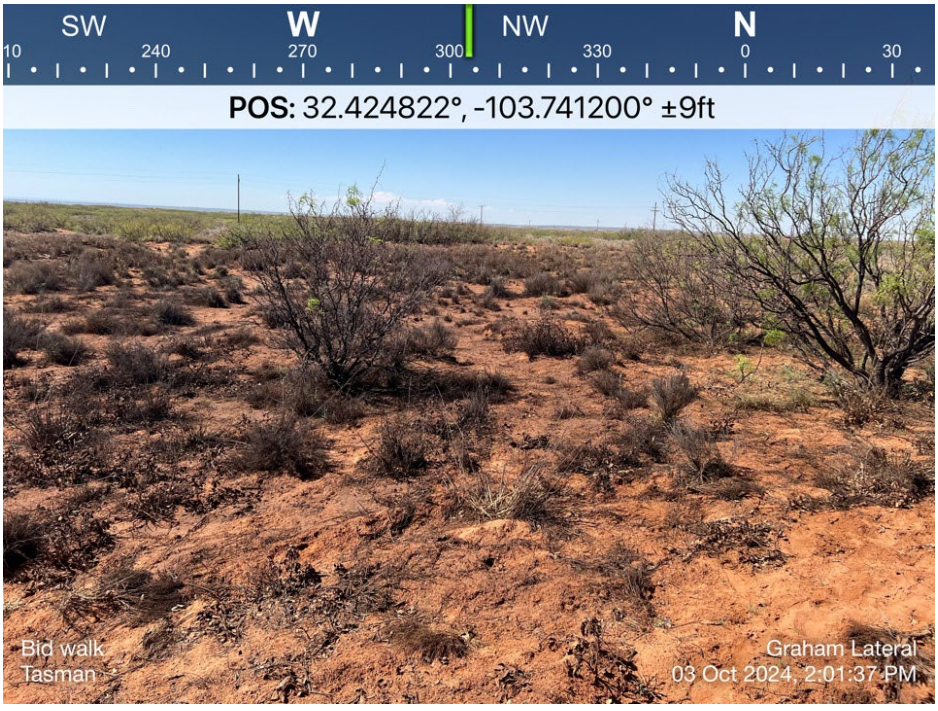
Over Spray from Release

Targa Resources

Graham Lateral Line Leak



Release Point Location (Repaired)

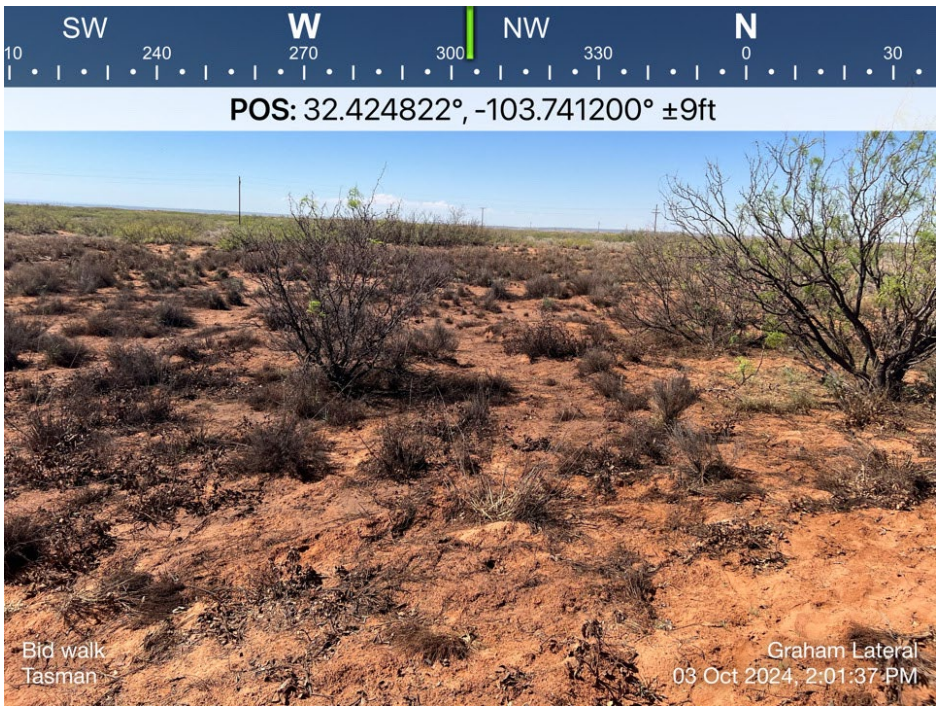


Over Spay from Release

Targa Resources

Graham Lateral Line Leak

Over Spray & Release Point Location

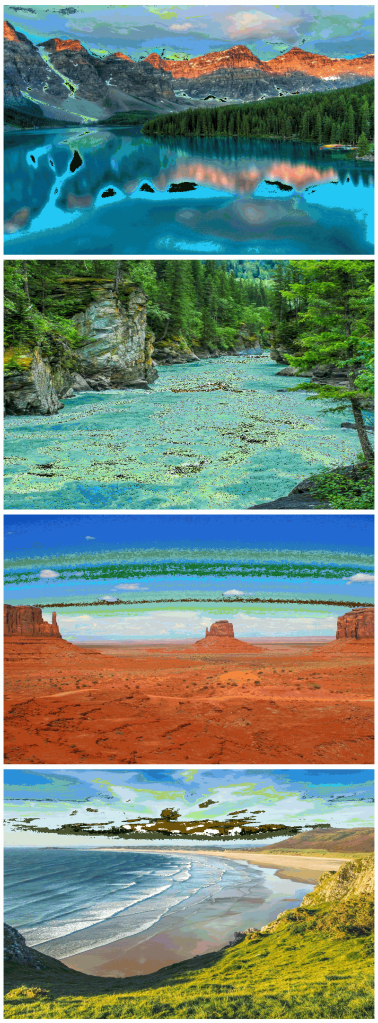


Over Spray From Release

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

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

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Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

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.

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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		*92.7 %*	*70-130*	*02/03/25*	*02/05/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: AK			Batch: 2506009
Chloride	ND	20.0	1	02/03/25	02/03/25	

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*88.4 %*	*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		*93.2 %*	*70-130*	*02/03/25*	*02/05/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: AK			Batch: 2506009
Chloride	ND	20.0	1	02/03/25	02/03/25	

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*87.5 %*	*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		*93.4 %*	*70-130*	*02/03/25*	*02/05/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: AK			Batch: 2506009
Chloride	ND	20.0	1	02/03/25	02/03/25	

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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		*92.5 %*	*70-130*	*02/03/25*	*02/05/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: AK			Batch: 2506009
Chloride	**114**	20.0	1	02/03/25	02/03/25	

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*88.0 %*	*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		*92.1 %*	*70-130*	*02/03/25*	*02/05/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2506020
Diesel Range Organics (C10-C28)	**29.5**	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	**69.7**	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	Analyst: AK			Batch: 2506009
Chloride	ND	20.0	1	02/03/25	02/03/25	

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*87.8 %*	*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		*92.2 %*	*70-130*	*02/03/25*	*02/05/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: AK			Batch: 2506009
Chloride	**108**	20.0	1	02/03/25	02/03/25	

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*87.5 %*	*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		*93.2 %*	*70-130*	*02/03/25*	*02/05/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: AK			Batch: 2506009
Chloride	**689**	20.0	1	02/03/25	02/03/25	

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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		*93.4 %*	*70-130*	*02/03/25*	*02/05/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: AK			Batch: 2506009
Chloride	**441**	20.0	1	02/03/25	02/03/25	

Sample Data

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	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: AK			Batch: 2507003
Chloride	ND	20.0	1	02/10/25	02/10/25	

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*88.7 %*	*70-130*	*02/07/25*	*02/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2506102
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/25	02/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*02/07/25*	*02/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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		*110 %*	*61-141*	*02/10/25*	*02/10/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507003
Chloride	ND	20.0	1	02/10/25	02/10/25	

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*87.1 %*	*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		*91.9 %*	*70-130*	*02/03/25*	*02/05/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: AK			Batch: 2506009
Chloride	**103**	20.0	1	02/03/25	02/03/25	

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: AK			Batch: 2506009
Chloride	ND	20.0	1	02/03/25	02/03/25	

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

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2506016-BLK1)									Prepared: 02/03/25 Analyzed: 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: 02/03/25 Analyzed: 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: 02/03/25 Analyzed: 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	
Surrogate: 4-Bromochlorobenzene-PID	*7.08*		*8.00*		*88.6*	*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

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2506102-BLK1)									Prepared: 02/06/25 Analyzed: 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: 02/06/25 Analyzed: 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: 02/06/25 Analyzed: 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	
Surrogate: 4-Bromochlorobenzene-PID	*6.90*		*8.00*		*86.2*	*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 EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2506016-BLK1)									Prepared: 02/03/25 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: 02/03/25 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: 02/03/25 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*			

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 EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2506102-BLK1)									Prepared: 02/06/25 Analyzed: 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: 02/06/25 Analyzed: 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: 02/06/25 Analyzed: 02/07/25
Gasoline Range Organics (C6-C10)	41.9	20.0	50.0		83.8	70-130	4.01	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.66*		*8.00*		*95.7*	*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 EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2506020-BLK1)									Prepared: 02/03/25 Analyzed: 02/04/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.6*		*50.0*		*113*	*61-141*			
LCS (2506020-BS1)									Prepared: 02/03/25 Analyzed: 02/04/25
Diesel Range Organics (C10-C28)	280	25.0	250		112	66-144			
Surrogate: n-Nonane	*55.4*		*50.0*		*111*	*61-141*			
Matrix Spike (2506020-MS1)				**Source: E501245-04**					Prepared: 02/03/25 Analyzed: 02/04/25
Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	56-156			
Surrogate: n-Nonane	*57.9*		*50.0*		*116*	*61-141*			
Matrix Spike Dup (2506020-MSD1)				**Source: E501245-04**					Prepared: 02/03/25 Analyzed: 02/04/25
Diesel Range Organics (C10-C28)	289	25.0	250	ND	115	56-156	0.133	20	
Surrogate: n-Nonane	*56.8*		*50.0*		*114*	*61-141*			

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 EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507002-BLK1)									Prepared: 02/10/25 Analyzed: 02/10/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.4*		*50.0*		*115*	*61-141*			
LCS (2507002-BS1)									Prepared: 02/10/25 Analyzed: 02/10/25
Diesel Range Organics (C10-C28)	282	25.0	250		113	66-144			
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	
Surrogate: n-Nonane	*59.5*		*50.0*		*119*	*61-141*			

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 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2506009-BLK1)									Prepared: 02/03/25 Analyzed: 02/03/25
Chloride	ND	20.0							
LCS (2506009-BS1)									Prepared: 02/03/25 Analyzed: 02/03/25
Chloride	250	20.0	250		99.9	90-110			
Matrix Spike (2506009-MS1)				**Source: E501245-06**					Prepared: 02/03/25 Analyzed: 02/03/25
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2506009-MSD1)				**Source: E501245-06**					Prepared: 02/03/25 Analyzed: 02/03/25
Chloride	253	20.0	250	ND	101	80-120	0.164	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

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507003-BLK1)									Prepared: 02/10/25 Analyzed: 02/10/25
Chloride	ND	20.0							
LCS (2507003-BS1)									Prepared: 02/10/25 Analyzed: 02/10/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2507003-MS1)				**Source: E502059-02**					Prepared: 02/10/25 Analyzed: 02/10/25
Chloride	523	20.0	250	280	97.5	80-120			
Matrix Spike Dup (2507003-MSD1)				**Source: E502059-02**					Prepared: 02/10/25 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

Targa	Project Name:	8339 GRAHAM LATERAL	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	02/13/25 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.

Project Information | Chain of Custody | Page 1 of 6

Client:	Targa Resources
Project:	8339 Graham Lateral
Project Manager:	Brett Dennis
Address:	2620 W. Marland Blvd
City, State, Zip	Hobbs, NM 88240
Phone:	
Email	bdennis@tasman-geo.com
Report due by:	

Bill To

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

Lab Use Only

Lab WO# E501245 | Job Number 21102-0001

TAT

1D	2D	3D	Standard
			X

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX
X				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold	BGDOC NM	GDOC TX	Remarks
10:02	1/28/25	SOIL	1	HA-1@ 0.5'	1				X			
10:05		SOIL	1	HA-1@ 1'	2	X	X	X				
10:07		SOIL	1	HA 1@ 2'	3				X			
10:10		SOIL	1	HA-1 @ 3'	4	X	X	X				
10:14		SOIL	1	HA-1@ 4'	5				X			
10:18		SOIL	1	HA-1@ 5'	6	X	X	X				
11:16		SOIL	1	HA-2@ 0.5'	7	X	X	X				
11:21		SOIL	1	HA-2@ 1'	8				X			
11:24		SOIL	1	HA-2@ 2'	9	X	X	X				
11:27		SOIL	1	HA-2@3'	10				X			

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/30/25	0750		1/30/25	0750
	1/30/25	1250		1-30-25	1250
Michelle Gonzales	1-30-25	1630	Caitlin Mars	1.31.25	730

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

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

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

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Project Information | Chain of Custody | Page 12 of 61

Client:	Targa Resources
Project:	8339 GRAHAM LATERAL
Project Manager:	Brett Dennis
Address:	2620 W. Marland Blvd
City, State, Zip	Hobbs, NM 88240
Phone:	
Email	bdennis@tasman-geo.com
Report due by:	

Bill To
Attention: Amber Groves
Address: 201 South 4th St.
City, State, Zip: Artesia, New Mexico
Phone:
Email:agroves@targaresources.com
PO Pending

Lab Use Only
Lab WO# E501245 | Job Number 21102.0001

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

Analysis and Method: TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | Chloride 300.0 | Hold | BGDOC NM | GDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold	BGDOC NM	GDOC TX	Remarks
11:30	1/28/25	SOIL	1	HA-2 @ 4'	11	X	X	X				
12:17		SOIL	1	HA-3 @ 0.5'	12	X	X	X				
12:20		SOIL	1	HA-3 @ 1'	13	X	X	X				
12:23		SOIL	1	HA-3 @ 2'	14				X			
12:25		SOIL	1	HA-3 @ 3'	15				X			
12:28		SOIL	1	HA-3 @ 4'	16	X	X	X				
13:13		SOIL	1	HA-4 @ 0.5'	17				X			
13:14		SOIL	1	HA-4 @ 1'	18	X	X	X				
13:17		SOIL	1	HA-4 @ 2'	19				X			
13:20		SOIL	1	HA-4 @ 3	20				X			

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/30/25	0750		1/30/25	0750
	1/30/25	1250	Michelle Gonzales	1-30-25	1250
Michelle Gonzales	1-30-25	1680	Caitlin Mars	1-31-25	730

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

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

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

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Envirotech Analytical Laboratory

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

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	Work Order ID:	E501245
Phone:	(432) 999-8675	Date Logged In:	01/31/25 08:43	Logged In By:	Caitlin Mars
Email:	bdennis@tasman-geo.com	Due Date:	02/06/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project 8339 GRAHAM LATERAL has been separated into 3 reports due to sample volume. WO are E01245 to E501247.

Client Instruction

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

Date

envirotech Inc.

Project Information | Chain of Custody | Page 1 of 6

Client:	Targa Resources
Project:	8339 Graham Lateral
Project Manager:	Brett Dennis
Address:	2620 W. Marland Blvd
City, State, Zip	Hobbs, NM 88240
Phone:	
Email	bdennis@tasman-geo.com
Report due by:	

Bill To

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

Lab Use Only

Lab WO# E501245 | Job Number 21102-0001

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold	BGDOC NM	GDOC TX	Remarks
10:02	1/28/25	SOIL	1	HA-1@ 0.5'	1				X			changed samples and took off
10:05		SOIL	1	HA-1@ 1'	2	X	X	X				hold per client.
10:07		SOIL	1	HA 1@ 2'	3				X			samples 1&3 is.
10:10		SOIL	1	HA-1 @ 3'	4	X	X	X				NS. 2/7/25
10:14		SOIL	1	HA-1@ 4'	5				X			
10:18		SOIL	1	HA-1@ 5'	6	X	X	X				
11:16		SOIL	1	HA-2@ 0.5'	7	X	X	X				
11:21		SOIL	1	HA-2@ 1'	8				X			
11:24		SOIL	1	HA-2@ 2'	9	X	X	X				
11:27		SOIL	1	HA-2@3'	10				X			

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/30/25	0750		1/30/25	0750
	1/30/25	1250		1-30-25	1250
Michelle Gonzales	1-30-25	1630	Caitlin Mars	1-31-25	730

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

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

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

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Project Information | Chain of Custody | Page 12 of 61

Client:	Targa Resources
Project:	8339 GRAHAM LATERAL
Project Manager:	Brett Dennis
Address:	2620 W. Marland Blvd
City, State, Zip	Hobbs, NM 88240
Phone:	
Email	bdennis@tasman-geo.com
Report due by:	

Bill To

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

Lab Use Only

Lab WO# E50245 | Job Number 21102.0001

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold	BGDOC NM	GDOC TX	Remarks
11:30	1/28/25	SOIL	1	HA-2 @ 4'	11	X	X	X				
12:17		SOIL	1	HA-3 @ 0.5'	12	X	X	X				
12:20		SOIL	1	HA-3 @ 1'	13	X	X	X				
12:23		SOIL	1	HA-3 @ 2'	14	X	X	X	X MS			
12:25		SOIL	1	HA-3 @ 3'	15	X	X	X	X MS			
12:28		SOIL	1	HA-3 @ 4'	16	X	X	X				
13:13		SOIL	1	HA-4 @ 0.5'	17				X			
13:14		SOIL	1	HA-4 @ 1'	18	X	X	X				
13:17		SOIL	1	HA-4 @ 2'	19				X			
13:20		SOIL	1	HA-4 @ 3	20				X			

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/30/25	0750		1/30/25	0750
	1/30/25	1250		1-30-25	1250
Michelle Gonzales	1-30-25	1630	Caitlin Mars	1-31-25	730

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

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

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

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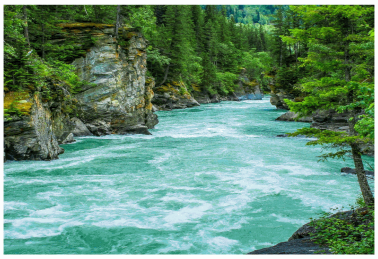
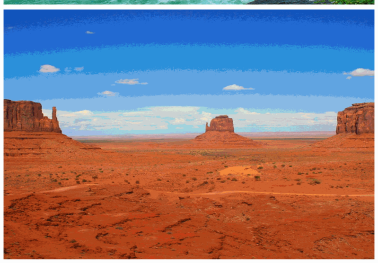
Report to:

Brett Dennis





5796 U.S. Hwy 64
Farmington, NM 87401

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

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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

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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Client Representative
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Targa	Project Name:	8339 GRAHAM LATERAL	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
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.

Sample Data

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

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	02/05/25	
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		*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	Analyst: DT			Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	

Sample Data

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

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		*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	Analyst: DT			Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	

Sample Data

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

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		*86.5 %*	*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		*92.5 %*	*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		*120 %*	*61-141*	*02/03/25*	*02/05/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	

Sample Data

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

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		*84.9 %*	*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		*92.9 %*	*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	Analyst: DT			Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	

Sample Data

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

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		*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	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		*109 %*	*61-141*	*02/03/25*	*02/05/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	

Sample Data

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

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		*85.2 %*	*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		*94.0 %*	*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		*109 %*	*61-141*	*02/03/25*	*02/05/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2506023
Chloride	**24.4**	20.0	1	02/03/25	02/03/25	

Sample Data

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

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		*84.3 %*	*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		*94.1 %*	*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		*114 %*	*61-141*	*02/03/25*	*02/05/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	

Sample Data

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

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	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		*94.1 %*	*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		*114 %*	*61-141*	*02/03/25*	*02/05/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	

Sample Data

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

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		*84.3 %*	*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		*93.7 %*	*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		*117 %*	*61-141*	*02/03/25*	*02/05/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2506023
Chloride	ND	20.0	1	02/03/25	02/03/25	

QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2506017-BLK1)									Prepared: 02/03/25 Analyzed: 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: 02/03/25 Analyzed: 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: 02/03/25 Analyzed: 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	
Surrogate: 4-Bromochlorobenzene-PID	*7.06*		*8.00*		*88.3*	*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	2/6/2025 12:15:04PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2506017-BLK1)									Prepared: 02/03/25 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: 02/03/25 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: 02/03/25 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*			

QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2506021-BLK1)									Prepared: 02/03/25 Analyzed: 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: 02/03/25 Analyzed: 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: 02/03/25 Analyzed: 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: 02/03/25 Analyzed: 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*			

QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2506023-BLK1)									Prepared: 02/03/25 Analyzed: 02/03/25
Chloride	ND	20.0							
LCS (2506023-BS1)									Prepared: 02/03/25 Analyzed: 02/03/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2506023-MS1)				**Source: E501246-06**					Prepared: 02/03/25 Analyzed: 02/03/25
Chloride	260	20.0	250	ND	104	80-120			
Matrix Spike Dup (2506023-MSD1)				**Source: E501246-06**					Prepared: 02/03/25 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.

Project Information | Chain of Custody | Page 13 of 60

Client:	Targa Resources
Project:	8339 GRAHAM LATERAL
Project Manager:	Brett Dennis
Address:	2620 W. Marland Blvd
City, State, Zip	Hobbs, NM 88240
Phone:	
Email	bdennis@tasman-geo.com
Report due by:	

Bill To

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

Lab Use Only

Lab WO# E501246 | Job Number 21102.0001

TAT

1D	2D	3D	Standard
			X

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX
X				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold	BGDOC NM	GDOC TX	Remarks
13:22	1/28/25	Soil	1	HA-4@4'	1	X	X	X				
14:04		Soil	1	HA-5@0.5'	2				X			
14:06		Soil	1	HA-5@1'	3	X	X	X				
14:08		Soil	1	HA-5@2'	4				X			
14:11		Soil	1	HA-5@3'	5				X			
14:16		Soil	1	HA-5@4'	6	X	X	X				
7:43	1/29/25	Soil	1	HA-6@0.5'	7				X			
7:45		Soil	1	HA-6@1'	8	X	X	X				
7:49		Soil	1	HA-6@2'	9				X			
7:51		Soil	1	HA-6@3'	10				X			

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/30/25	0750		1/30/25	0750
	1/30/25	1250		1-30-25	1250
Michelle Gonzales	1-30-25	1630		1.31.25	730

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

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

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

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Project Information | Chain of Custody | Page 4 of 6

Client:	Targa Resources
Project:	8339 GRAHAM LATERAL
Project Manager:	Brett Dennis
Address:	2620 W. Marland Blvd
City, State, Zip	Hobbs, NM 88240
Phone:	
Email	bdennis@tasman-geo.com
Report due by:	

Bill To
Attention: Amber Groves
Address: 201 South 4th St.
City, State, Zip: Artesia, New Mexico
Phone:
Email:agroves@targaresources.com
PO Pending

Lab Use Only
Lab WO# E501246 | Job Number 21102-0001

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold				BGDOC NM		GDOC TX		Remarks
7:54	1/29/25	SOIL	1	HA-6 @ 4'	11	X	X	X									
8:40		SOIL	1	HA-7 @ 0.5'	12				X								
8:44		SOIL	1	HA-7 @ 1'	13	X	X	X									
8:47		SOIL	1	HA-7 @ 2'	14				X								
8:49		SOIL	1	HA-7 @ 3'	15				X								
8:53		SOIL	1	HA-7 @ 4'	16	X	X	X									
9:45		SOIL	1	HA-8 @ 0.5'	17	X	X	X									
9:48		SOIL	1	HA-8 @ 1'	18	X	X	X									
9:51		SOIL	1	HA-8 @ 2'	19				X	X	MRG						
9:54		SOIL	1	HA-8 @ 3'	20				X	X	MRG						

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/30/25	0750		1/30/25	0750
	1/30/25	1250		1-30-25	1250
Michelle Gonzales	1-30-25	1630		1-31-25	730

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

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

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

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Envirotech Analytical Laboratory

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

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	Work Order ID:	E501246
Phone:	(432) 999-8675	Date Logged In:	01/31/25 08:59	Logged In By:	Caitlin Mars
Email:	bdennis@tasman-geo.com	Due Date:	02/06/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project 8339 GRAHAM LATERAL has been separated into 3 reports due to sample volume. WO are E01245 to E501247

Client Instruction

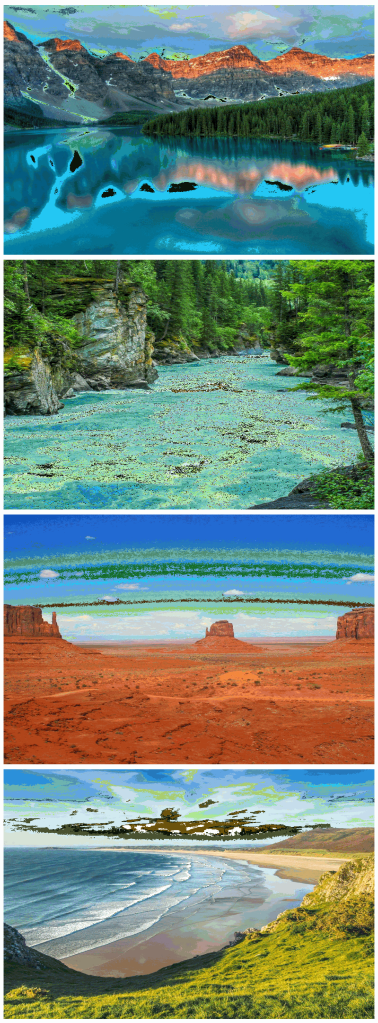
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Brett Dennis



5796 U.S. Hwy 64
Farmington, NM 87401

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

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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

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
rainaschwanz@envirotech-inc.com

Field Offices:

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Lynn Jarboe
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Table of Contents

Sample Summary

Targa	Project Name:	8339 GRAHAM LATERAL	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
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.

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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		*86.0 %*	*70-130*	*02/03/25*	*02/04/25*	
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		*116 %*	*61-141*	*02/03/25*	*02/05/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2506024
Chloride	ND	20.0	1	02/03/25	02/03/25	

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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		*85.7 %*	*70-130*	*02/03/25*	*02/04/25*	
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	Analyst: DT			Batch: 2506024
Chloride	ND	20.0	1	02/03/25	02/04/25	

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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		*86.0 %*	*70-130*	*02/03/25*	*02/04/25*	
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	Analyst: DT			Batch: 2506024
Chloride	ND	20.0	1	02/03/25	02/04/25	

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*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	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		*115 %*	*61-141*	*02/03/25*	*02/05/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2506024
Chloride	ND	20.0	1	02/03/25	02/03/25	

Sample Data

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	Analyst: 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	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		*86.2 %*	*70-130*	*02/03/25*	*02/04/25*	
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		*113 %*	*61-141*	*02/03/25*	*02/05/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2506024
Chloride	ND	20.0	1	02/03/25	02/04/25	

Sample Data

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*93.5 %*	*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		*86.0 %*	*70-130*	*02/03/25*	*02/04/25*	
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		*115 %*	*61-141*	*02/03/25*	*02/05/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2506024
Chloride	ND	20.0	1	02/03/25	02/04/25	

QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2506018-BLK1)									Prepared: 02/03/25 Analyzed: 02/04/25
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	*7.36*		*8.00*		*92.0*	*70-130*			
LCS (2506018-BS1)									Prepared: 02/03/25 Analyzed: 02/04/25
Benzene	5.28	0.0250	5.00		106	70-130			
Ethylbenzene	5.06	0.0250	5.00		101	70-130			
Toluene	5.18	0.0250	5.00		104	70-130			
o-Xylene	5.07	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	*7.42*		*8.00*		*92.8*	*70-130*			
Matrix Spike (2506018-MS1)				**Source: E501247-06**					Prepared: 02/03/25 Analyzed: 02/04/25
Benzene	5.36	0.0250	5.00	ND	107	54-133			
Ethylbenzene	5.13	0.0250	5.00	ND	103	61-133			
Toluene	5.26	0.0250	5.00	ND	105	61-130			
o-Xylene	5.14	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.59*		*8.00*		*94.9*	*70-130*			
Matrix Spike Dup (2506018-MSD1)				**Source: E501247-06**					Prepared: 02/03/25 Analyzed: 02/04/25
Benzene	5.67	0.0250	5.00	ND	113	54-133	5.54	20	
Ethylbenzene	5.46	0.0250	5.00	ND	109	61-133	6.10	20	
Toluene	5.58	0.0250	5.00	ND	112	61-130	5.92	20	
o-Xylene	5.46	0.0250	5.00	ND	109	63-131	6.06	20	
p,m-Xylene	11.1	0.0500	10.0	ND	111	63-131	6.01	20	
Total Xylenes	16.5	0.0250	15.0	ND	110	63-131	6.03	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.59*		*8.00*		*94.9*	*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	2/6/2025 3:21:31PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2506018-BLK1)									Prepared: 02/03/25 Analyzed: 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: 02/03/25 Analyzed: 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: E501247-06**					Prepared: 02/03/25 Analyzed: 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: E501247-06**					Prepared: 02/03/25 Analyzed: 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*			

QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2506021-BLK1)									Prepared: 02/03/25 Analyzed: 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: 02/03/25 Analyzed: 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: 02/03/25 Analyzed: 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: 02/03/25 Analyzed: 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*			

QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2506024-BLK1)									Prepared: 02/03/25 Analyzed: 02/03/25
Chloride	ND	20.0							
LCS (2506024-BS1)									Prepared: 02/03/25 Analyzed: 02/03/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2506024-MS1)				**Source: E501247-06**					Prepared: 02/03/25 Analyzed: 02/03/25
Chloride	261	20.0	250	ND	104	80-120			
Matrix Spike Dup (2506024-MSD1)				**Source: E501247-06**					Prepared: 02/03/25 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.

Project Information | Chain of Custody | Page 15 of 6

Client: Targa Resources	Bill To	Lab Use Only	TAT / EPA Program
Project: 8339 GRAHAM LATERAL	Attention: Amber Groves	Lab WO# E501247	Job Number 21102.0001
Project Manager: Brett Dennis	Address: 201 South 4th St.	1D 2D 3D Standard: X	CWA / SDWA / RCRA
Address: 2620 W. Marland Blvd	City, State, Zip: Artesia, New Mexico		
City, State, Zip Hobbs, NM 88240	Phone:		
Phone:	Email:agroves@targaresources.com		
Email bdennis@tasman-geo.com	*PO Pending*		
Report due by:			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold	BGDOC NM	GDOC TX	State (NM)	Remarks
9:57	1/29/25	SOIL	1	HA-8 @ 4'	1	X	X	X					
10:36		SOIL	1	HA-9 @ 0.5'	2	X	X	X					
10:39		SOIL	1	HA-9 @ 1'	3	X	X	X					
10:41		SOIL	1	HA-9 @ 2'	4				X				
10:44		SOIL	1	HA-9 @ 3'	5				X				
10:47		SOIL	1	HA-9 @ 4	6	X	X	X					
11:25		SOIL	1	HA-10 @ 0.5'	7				X				
11:28		SOIL	1	HA-10 @ 1'	8	X	X	X					
11:30		SOIL	1	HA-10 @ 2'	9				X				
11:33		SOIL	1	HA-10 @ 3'	10				X				

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/30/25	0750		1/30/25	0750
	1/30/25	1250		1-30-25	1250
Michelle Gonzales	1.30.25	1630		1.31.25	730

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

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

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

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Project Information | Chain of Custody | Page 16 of 6

Client:	Targa Resources
Project:	8339 GRAHAM LATERAL
Project Manager:	Brett Dennis
Address:	2620 W. Marland Blvd
City, State, Zip	Hobbs, NM 88240
Phone:	
Email	bdennis@tasman-geo.com
Report due by:	

Bill To
Attention: Amber Groves
Address: 201 South 4th St.
City, State, Zip: Artesia, New Mexico
Phone:
Email:agroves@targaresources.com
PO Pending

Lab Use Only
Lab WO# E302247 | Job Number 21102.0001

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

Analysis and Method: TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | Chloride 300.0 | Hold | BGDOC NM | GDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold	BGDOC NM	GDOC TX	Remarks
11:36	1/29/25	Soil	1	HA-10 @ 4'	11	X	X	X				

NFG

Page 17 of 18

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/30/25	0750		1/30/25	0750
	1/30/25	1250		1.30.25	1250
Michelle Gonzales	1-30-25	1630		1.31.25	730

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

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

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

envirotech

Envirotech Analytical Laboratory

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

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	Work Order ID:	E501247
Phone:	(432) 999-8675	Date Logged In:	01/31/25 09:02	Logged In By:	Caitlin Mars
Email:	bdennis@tasman-geo.com	Due Date:	02/06/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project 8339 GRAHAM LATERAL has been separated into 3 reports due to sample volume. WO are E01245 to E501247

Client Instruction

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

Date

envirotech Inc.

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
Little bluestem	Cimmaron, Pastura	2.5	F
Blue grama	Hachita, Lovington	2.0	D
Sideoats grama	Vaughn, El Reno	2.0	F
Sand dropseed	VNS, Southern	1.0	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	F
Apache plume	VNS, Southern	0.75	F
	Total PLS/acre	**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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Santa Fe, NM 87505

QUESTIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 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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QUESTIONS (continued)

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	Action Number: 448831
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QUESTIONS

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

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

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

I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 04/04/2025

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QUESTIONS (continued)

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	Action Number: 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 approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	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 efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	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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QUESTIONS (continued)

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QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 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.	

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QUESTIONS

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

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	***{Unavailable.}***

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 448831

CONDITIONS

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	Action Number: 448831
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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