# **TOPAZ LATERAL** Remediation Summary & Closure Report

# NMOCD Incident No. nAPP2324144714 UL "J", Sec. 32, T20S, R34E 32.52854°, -103.58179° Lea County, New Mexico

May 28, 2024



### **PREPARED ON BEHALF OF**

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



### PREPARED BY

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





May 28, 2024

Targa Resources 201 South 4th Street Artesia, NM 88210

Attn: Ms. Amber Groves Email: <u>agroves@targaresources.com</u>

 Re: Remediation Summary & Closure Report Topaz Lateral UL "J", Section 32, Township 20 South, Range 34 East Lea County, New Mexico NMOCD Incident No. nAPP2324144714 Tasman Project No. 6842

Dear Ms. Groves,

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

Heavy equipment was used to remove approximately 1,176 cubic yards of impacted material from the release area. Based on laboratory analytical results from soil samples collected during confirmation sampling activities, impacted soil within the release area has been remediated below the applicable NMOCD Action Levels and in accordance with NMOCD standards. Additional project details are provided in the attached summary report.

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

Sincerely, Tasman, Inc.

Brett Dennis Project Manager <u>bdennis@tasman-geo.com</u> Kyle Norman Southwest Regional Manager <u>knorman@tasman-geo.com</u>



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# **1.0 INTRODUCTION**

Tasman, Inc. (Tasman) is pleased to submit this Remediation Summary and Closure Report for the Topaz Lateral (site) on behalf of Targa Resources (Targa) documenting the results of field activities conducted in response to a release of natural gas and natural gas condensate to environmental media.

### **1.1 Site Description**

The site is located in Unit Letter "J" of Section 32, Township 20 South, Range 34 East (32.52854°, -103.58179°) in Lea County, New Mexico. The release occurred due to failure of a 12-inch poly gas gathering pipeline on property held by the New Mexico State Land Office (NMSLO).

### **1.2** Release Detail and Initial Response

On August 24,2023, the gas gathering pipeline was discovered by Targa personnel to have failed. A Notification of Release (NOR) and initial Form C-141 were provided to the New Mexico Oil Conservation District (NMOCD) via online portal on August 31<sup>st</sup>, 2023. The release resulted in the release of approximately 0.8 barrels (bbls) of natural gas condensate and 95.89 thousand cubic feet (mcf) of natural gas to the surrounding environmental media. Targa personnel shut in the pipeline to isolate the release. The line was later repaired and returned to service. No natural gas or natural gas condensate was recovered. Copies of the NMOCD notifications are provided in Appendix A.

# **2.0 SITE CHARACTERISTICS**

### 2.1 Depth to Groundwater

Tasman reviewed available depth to groundwater information available through the New Mexico Office of the State Engineer (NMOSE) and the United States Geologic Survey (USGS) for registered water wells within a half-mile radius of the site. The nearest registered water well, identified as POD 01860, is located 1.18 miles from the site. Advanced in 2021, the total depth of the boring was recorded at 112 feet below ground surface (bgs) with no groundwater being encountered.

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



### 2.2 Karst Potential & Subsurface Mines

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

Tasman utilized the USGS Mineral Resources database to determine that there are no subsurface mines beneath or in the vicinity of the site.

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

### 2.3 Distance to Nearest Potable Water Well

The nearest potable water well was identified as NMOSE POD CP-01262. The well is located 1.24 miles from the site and is currently utilized for watering livestock. The location of POD CP-01262 is shown on the attached Figure 1.

### 2.4 Distance to Nearest Surface Water

Tasman reviewed aerial imagery and the National Wetland Inventory Map, published by the U.S. Fish and Wildlife Service, for wetlands and surface water in the vicinity of the site. The nearest significant surface water was identified as Laguna Gatuna located 7.27 miles from the site. One freshwater emergent wetland was identified 1.14 miles from the site. The location of the nearest wetland is illustrated on Figure 1 and surface water body on Figure 3.

### 2.5 100-year Floodplain

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

### 2.6 Residence, School, Hospital, or Institution

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



## 2.7 **Proximity to Sensitive Receptors and Site Characteristics Summary**

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

Site Characteristics Summary		
Approximate depth to groundwater:	~112	ft bgs
Within an area of high karst potential?	🗆 Yes	⊠ No
Within 300 ft. of any continuously flowing of significant watercourse?	🗆 Yes	⊠ No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	🗆 Yes	⊠ No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	🗆 Yes	⊠ No
Within 500 ft. of a spring or private, domestic fresh water well?	🗆 Yes	⊠ No
Within 1,000 ft. of any fresh water well?	🗆 Yes	⊠ No
Within the incorporated municipal boundaries or within a municipal well field?	🗆 Yes	⊠ No
Within 300 ft. of a wetland?	🗆 Yes	⊠ No
Within the area overlying a subsurface mine?	🗆 Yes	⊠ No
Within a 100-year floodplain?	🗆 Yes	⊠ No

# **3.0 REMEDIATION ACTION LEVELS**

NMOCD assessment and cleanup levels for hydrocarbon and produced water releases are based on depth to groundwater and proximity to sensitive receptors as established in NMAC 19.15.29. Depth to groundwater data was not available within one half-mile of the site that was collected within the past 25 years. Therefore, 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
TDU tatal a starlar we busiles as de sus	

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:



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

# 4.0 SOIL SAMPLING PROCEDURES

### 4.1 Soil Sampling Procedures for Laboratory Analysis

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

### 4.2 Soil Analytical Methods

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

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

# 5.0 SUMMARY OF REMEDIAL ACTIVITIES

### 5.1 Remedial Activities

From January 29 to February 21, 2024, Tasman utilized heavy equipment to excavate impacted soil from within the release margins. Excavated material was stockpiled on-site atop a polyethylene liner pending transportation to an NMOCD approved disposal facility.

The remedial final excavations measured approximately 295 feet long by 23 feet wide ranging from 2 to 5 feet deep. Approximately 1,176 cubic yards of excavated material was exported to Lazy Ace Land Farm.

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



## 5.2 Confirmation Data Evaluation

On February 2, 2024, Targa provided a sampling notification via the NMOCD online portal (Appendix A). On February 6, 2024, Tasman mobilized to the site to collect confirmation soil samples from the base and sidewalls of the remedial excavation. Sixteen confirmation soil samples were collected from the base of the excavation and eight confirmation soil samples were collected from the sidewalls of the excavation. Each confirmation soil sample was collected as a five-point composite representing approximately 200 square feet (ft<sup>2</sup>) or less of excavation base or sidewall area.

Detected concentrations of total TPH exceeded NMOCD Action Levels in 13 of 16 floor samples and in 4 of 8 side wall confirmation soil samples, ranging from 109 milligrams per kilogram (mg/kg) in confirmation soil sample W-4 to 2,278 mg/kg in confirmation soil sample W-5.

No collected confirmation soil samples showed concentrations of chlorides exceeding the NMOCD Action Level of 600 mg/kg.

Benzene was not detected above laboratory reported detection limit (RDLs) in each of the collected confirmation soil samples. Total BTEX was detected in soil sample FL-10 at a concentration of 0.190 mg/kg which is below the NMOCD Action Level.

From February 7 to February 15, 2024, Tasman personnel continued excavation activities to address soils exceeding NMOCD Action Levels. On February 16, 2024, Tasman personnel mobilized to the site to collect confirmation samples from the floor and sidewalls of the excavation. Thirteen confirmation samples were collected from the base of the excavation and four confirmation samples were collected from the sidewalls of the excavation.

Concentrations of TPH exceeded the NMOCD Action level in confirmation soil sample FL-9A and W-7A at 124 mg/kg and 306 mg/kg, respectively.

Concentrations of BTEX were not detected above the laboratory RDLs in the fourteen collected confirmation soil samples.

Concentrations of chlorides were detected in nine of the fourteen confirmation samples above the laboratory RDL but below the NMOCD Action Level. Detected concentrations of chlorides ranged from 22.7 mg/kg to 410 mg/kg.

Benzene and total BTEX were not detected above the laboratory RDLs in each of the collected confirmation soil samples.



On February 21, 2024, Tasman personnel continued excavation activities to address soil exceeding NMOCD Action Levels at confirmation soil sample points FL-9A and W-7A. The same day, confirmation samples were collected from the extended areas, identified as confirmation samples FL-9B and W-7B. The collected soil samples did not exhibit concentrations of BTEX, TPH, or chlorides above NMOCD Action Levels.

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

# 6.0 **RESTORATION AND RECLAMATION**

According to the United States Geological Survey (USGS) Web Soil Survey the site is characterized as loamy fine sands and sandy clay loam to a depth of 28 inches. Cemented materials are expected to be encountered from 28 to 38 inches below ground surface.

Remedial activities at the above referenced site have resulted in a disturbed area of approximately 23,069 square feet. Targa will seed the disturbed area using the NMSLO Sandy Loam see mixture (Appendix E), as recommended by the NMSLO Environmental Compliance Office (ECO).

Prior to seed application, the disturbed soil will be prepped using a disced plow or like. The seed mix will then 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.

Once 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 NMOCD determines that vegetative cover is sufficient.

# 7.0 SITE CLOSURE REQUEST

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

Figures



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DATE:



Released to Imaging: 8/19/2024 8:50:38 AM

# Received by OCD: 6/25/2024 1:26:25 PM National Flood Hazard Layer FIRMette



# Legend

regulatory purposes.

### Page 14 of 155 Figure 4



Releasea to Imaging: 8/19/2024 8.90:38 AM 1,500 2,000

Basemap Imagery Source: USGS National Map 2023



DATE:

May 2024 DESIGNED BY:

C. Flores

DRAWN BY:





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

Targa Resources Topaz Lateral - nAPP2324144714 UL "J", Sec. 32, T20S, R34E Lea County, New Mexico

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Tables

#### TABLE 1 - SOIL ANALYTICAL SUMMARY - CONFIRMATION SOIL SAMPLES

Targa Resources Topaz Lateral

NMOCD Incident No. nAPP2324144714

Completi	Sample	Comula Data	Soil	PID	Field Chloride	Benzene	Total BTEX <sup>1</sup>		TPH <sup>2</sup> (	mg/kg)		Chrloride <sup>3</sup>
Sample ID	Depth	Sample Date	Status	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	GRO	DRO	MRO	TOTAL	(mg/kg)
						Confirmation So	il Samples					
FL-1	5'	2/6/2024	In Situ	2.8	89	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FL-2	5'	2/6/2024	In Situ	2.9	91	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FL-3	5'	2/6/2024	In Situ	2.5	87	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FL-4	3'	2/6/2024	Excavated	15.1	87	<0.0250	< 0.0250	<20.0	103	68.2	171	23.8
FL-4A	5'	2/16/2024	In Situ	2.5	89	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FL-5	3'	2/6/2024	Excavated	3.6	87	<0.0250	< 0.0250	<20.0	239	158	397	<20.0
FL-5A	5'	2/16/2024	In Situ	1.9	90	<0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FL-6	3'	2/6/2024	Excavated	0.4	85	<0.0250	< 0.0250	<20.0	160	125	285	<20.0
FL-6A	5'	2/16/2024	In Situ	2.1	85	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	43.7
FL-7	1'	2/6/2024	Excavated	1.1	91	<0.0250	< 0.0250	<20.0	264	169	433	30.3
FL-7A	2'	2/16/2024	In Situ	1.7	83	<0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	20.6
FL-8	1'	2/6/2024	Excavated	5.3	117	<0.0250	< 0.0250	<20.0	1,410	678	2,088	56.1
FL-8A	2'	2/16/2024	In Situ	2.1	84	< 0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	33.1
FL-9	2'	2/6/2024	Excavated	10.4	89	<0.0250	<0.0250	<20.0	772	392	1,164	30.4
FL-9A	3'	2/16/2024	Excavated	3.9	84	<0.0250	<0.0250	<20.0	70.4	53.5	124	22.4
FL-9B	4'	2/21/2024	In Situ			<0.0250	<0.0250	<20.0	44.3	<50.0	44.3	<20.0
FL-10	2'	2/6/2024	Excavated	16.1	85	<0.0250	0.190	<20.0	1,450	676	2,126	32.8
FL-10A	3'	2/16/2024	In Situ	3.8	85	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FL-11	2'	2/6/2024	Excavated	3.1	83	<0.0250	<0.0250	<20.0	142	124	266	<20.0
FL-11A	3'	2/16/2024	In Situ	1.4	88	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FL-12	2'	2/6/2024	Excavated	1.1	84	<0.0250	<0.0250	<20.0	178	141	319	<20.0
FL-12A	3'	2/16/2024	In Situ	3.3	89	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FL-13	2'	2/6/2024	Excavated	1.9	85	<0.0250	<0.0250	<20.0	173	133	306	<20.0
FL-13A	3'	2/16/2024	In Situ	0.5	85	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FL-14	2'	2/6/2024	Excavated	1.4	84	<0.0250	<0.0250	<20.0	204	148	352	<20.0
FL-14A	3'	2/16/2024	In Situ	2.8	88	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FL-15	2'	2/6/2024	Excavated	0.8	84	<0.0250	<0.0250	<20.0	496	316	812	26.5
FL-15A	3'	2/16/2024	In Situ	2.2	84	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FL-16	2'	2/6/2024	Excavated	1.6	89	<0.0250	<0.0250	<20.0	454	288	742	23.8
FL-16A	3'	2/16/2024	In Situ	2.9	85	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
W-1		2/6/2024	In Situ	2.5	87	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
W-2		2/6/2024	Excavated	3.1	87	<0.0250	<0.0250	<20.0	143	90.1	233	<20.0
W-2A		2/16/2024	In Situ	1.2	89	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
W-3		2/6/2024	In Situ	3.6	178	<0.0250	<0.0250	<20.0	32.0	<50.0	32.0	98.4
W-4		2/6/2024	Excavated	3.4	84	<0.0250	<0.0250	<20.0	54.1	55.1	109	24.3
W-4A		2/16/2024	In Situ	1.7	90	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
W-5		2/6/2024	Excavated	11.4	144	<0.0250	<0.0250	<20.0	1,480	798	2,278	69.6
W-5A		2/16/2024	In Situ	1.5	113	<0.0250	<0.0250	<20.0	82.1	<50.0	82.1	27.1
W-6		2/6/2024	In Situ	2.1	86	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
W-7		2/6/2024	Excavated	5.0	86	<0.0250	<0.0250	<20.0	707	401	1,108	<20.0
W-7A		2/16/2024	Excavated	3.3	86	<0.0250	<0.0250	<20.0	196	110	306	<20.0
W-7B		2/21/2024	In Situ			<0.0250	<0.0250	<20.0	32.9	<50.0	32.9	32.0
W-8		2/6/2024	In Situ	0.8	89	<0.0250	<0.0250	<20.0	46.3	<50.0	46.3	24.3
		nation Standard han 4 ft. below grad		N/A	N/A	10	50		N/A		100	600
		nd Delineation than 4 ft. below gra		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 8015D (GRO/DRO/MRO)

3. Chloride - Analyzed by EPA method 300

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

 $\mbox{-RDL}$  = The analyte was not detected above the laboratory reported detection limit (RDL)  $\mbox{N/A}$  = Not applicable

Ft. = Feet

Appendix A – Initial Form C-141 and NMOCD Notifications

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2324144714
District RP	
Facility ID	
Application ID	

# **Release Notification**

### **Responsible Party**

Responsible Party Targa Resources	OGRID 331548
Contact Name Amber Groves	Contact Telephone 575-635-9096
Contact email agroves@targaresources.com	Incident # (assigned by OCD) nAPP2324144714
Contact mailing address PO Box 67, Monument, NM 882	65

### Location of Release Source

Latitude	32.52854

*Longitude <u>-103.58179</u>* (NAD 83 in decimal degrees to 5 decimal places)

Site Name Topaz Lateral	Site Type Pipeline
Date Release Discovered 08/24/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
J	32	205	34E	Lea

Surface Owner: State Federal Tribal Private (Name:\_

### Nature and Volume of Release

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls) 0.8	Volume Recovered (bbls)
🛛 Natural Gas	Volume Released (Mcf) 95.89	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Targa Northern Delaware had a pipeline release on the Topaz Lateral resulting from high line pressure.

Form C-141	State of New Mexico	1		_
		Incident ID	nAPP2324144714	
Page 2	Oil Conservation Division	District RP		
		Facility ID		
		Application ID		

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?				
🗌 Yes 🖾 No					
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?					

### **Initial Response**

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

 $\square$  The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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.

Printed Name: Jason Fuentes	Title: Area Manager
Signature: 1426	Date: 8-31-23
Email: Jason.fuentes@targaresources.com	Telephone: (575)365-8939
OCD Only	
Received by:	Date:

### **Brett Dennis**

From:	Groves, Amber L. <agroves@targaresources.com></agroves@targaresources.com>
Sent:	Friday, February 2, 2024 12:02 PM
То:	Brett Dennis
Subject:	FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 310808

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Friday, February 2, 2024 11:00 AM
To: Groves, Amber L. <agroves@targaresources.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 310808

**CAUTION:** This email originated from outside of Targa. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Amber Groves for Targa Northern Delaware, LLC.),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2324144714.

The sampling event is expected to take place:

When: 02/06/2024 @ 08:00 Where: J-32-20S-34E 0 FNL 0 FEL (32.52854,-103.58179)

Additional Information: Please contact Amber Groves at 575-635-9096 with any questions or concerns.

Additional Instructions: Please contact Amber Groves at 575-635-9096 for driving directions.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

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

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

This email (including any attachments and accompanying emails) may contain proprietary and confidential information. If you are not the intended recipient, please telephone the sender and immediately delete this e-mail (including any attachments and accompanying emails). Please do not replicate, disclose, distribute, forward, or retain this e-mail or any part of this email. Thank you.

Appendix B – Depth to Groundwater Information



# WELL RECORD & LOG

# OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

ION	OSE POD NO. (WELL NO.) WELL TAG ID NO. POD1 (BH-01) n/a							OSE FILE NO(S). C-1860 (P-1860				
OCAT	well owner NAME(S) XTO Energy (Kyle Littrell)								DNAL)			
GENERAL AND WELL LOCATION	WELL OWNER MAILING ADDRESS 6401 Holiday Hill Dr.							CITY STATE ZIP Midland TX 79707				
AL AND	(FROM GPS)		DI	GREES 32°	MINUTES 32'	SECOND 15.33			REQUIRED: ONE TENT	TH OF A SECOND		
YER			NGITUDE	-103°	35'	56.38	" W	* DATUM REC	QUIRED: WGS 84			
1. GEI	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SW SE Sec. 30 T20S R34E											
	LICENSE NO		NAME OF LICENSED						NAME OF WELL DRI			
	124	49			ckie D. Atkins				Atkins Eng	ineering Associates, In	nc.	
	DRILLING S 02/25/		DRILLING ENDED 02/25/2021	DEPTH OF COMPLETED WELL (FT) BORE HOLE DEPTH (FT) temporary well material 112					st encountered (ft) n/a			
N	COMPLETED WELL IS: ARTESIAN			DRY HOLE SHALLOW (UNCONFINED)				STATIC WATER LEV	EL IN COMPLETED WE n/a	ul (FT)		
ATIC	DRILLING F	LUID:		MUD	ADDITIV	ES – SPECIF	Y:					
ORM	DRILLING METHOD: C ROTARY			HAMMER CABLE TOOL OTHER - SPECIFY:			Hollow Stem Auger					
2. DRILLING & CASING INFORMATION	DEPTH (feet bgl) FROM TO		BORE HOLE	CASING MATERIAL AND/OR GRADE			CASING CONNECTION		CASING INSIDE DIAM.	CASING WALL THICKNESS	SLOT SIZE	
ASI	(inches)					T add coupl	YPE ling diameter)	(inches)	(inches)	(inches)		
\$ \$ C	0 112 ±6.5			Boring- HSA								
BNI												
RILI												
2. D)												
							· · ·					
	DEPTH (feet bgl) BORE HOLE			LIST ANNULAR SEAL MATERIAL AND				AMOUNT OF				
RIAI	FROM	то	DIAM. (inches)	GRAVEL PACK SIZE-RANGE BY INTERVAL			RVAL	VAL (cubic feet)				
ATE							<u> </u>					
R M												
ANNULAR MATERIAL		·										
ANN					~~~~							
3.												
			l	1						· ·		
FOR	OSE INTER	NAL USE						WR-20	) WELL RECORD	& LOG (Version 06/30	<u>)/17)</u>	

FILE NO. CP-1860	POD NO. 1	1	TRN NO. 682530				
LOCATION 323	T205	<u>R 34E</u>	Sec 30	WELL T	AG ID NO.	NA	PAGE 1 OF 2

PAGE 2 OF 2

•

	DEPTH (i	feet bgl) TO	THICKNESS (feet)	COLOR AN INCLUDE WAT	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING				
								$\rightarrow$		ZONES (gpm)
	0	2	2		, tan, off-white, no o				Y ✓N	
	2	6	4		1, no odor,no stain, n				Y √N	
	6	15	9	Sandy clay, brown, mo			· · · ·		Y √N	
	15	21	6	Clayey sand, tan-brow			·····	· 1	Y ✓N Y ✓N	
	21	21 Caliche w/ sand, tan, off-white, no odor, no stain, m-f grain, well sorted, dry								
ILL		40	19	23-д	ravel caliche 37-inc	ease in sand cont	tent		Y 🖌 N	
ME	40	44	44	Sand w/ caliche, ta	m, brown, m-f grain,	well sorted, no c	dor, no stain, di	ry	Y √N	
OF	44	58	14	Sandstone, mod. cor	nsolidation, m-f grain	n, increasing calio	che tan/brown, o	iry,	Y 🖌 N	
roc	58	65	7	Clayey sand, brown,	dry, m-f grain, wel	sorted, cohesive	, medium plasti	city	Y VN	
GIC	65	78	13	Claystone, no o	dor, no stain, high p	asticity, cohesive	e,brown, moist		Y √N	
LO.	78	79	2		med-f grain sa	nd stringer			Y √N	
GEO	79	108	29	Claystone, no o	dor, no stain, high p	asticity, cohesive	e,brown, moist		Y 🖌 N	
RO	108									
4. HYDROGEOLOGIC LOG OF WELL	109	112	3	Claystone, no o	dor, no stain, high p	asticity, cohesive	e,brown, moist		Y √N	
4										
			<u>,</u>		V				Y N	
									Y N	
									Y N	·
									Y N	
									Y N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARIN	G STRATA:			 ТОТА	Y N L ESTIMATED	
	PUM				THER - SPECIFY:				L YIELD (gpm):	0.00
					THER SPECIF I:					
NOISL	WELL TES	T TEST I	RESULTS - ATT I TIME, END TI	ACH A COPY OF DA ME, AND A TABLE S	TA COLLECTED D HOWING DISCHA	URING WELL T	FESTING, INC WDOWN OVE	LUDIN R THE	IG DISCHARGE N TESTING PERIO	/IETHOD, D.
TEST; RIG SUPERVIS	MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to tem feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist. DSE DI MAR 11 2021 PM4:23									to surface.
EST	PRINTNAM	(F(S) OF DE	TIL RIG SUPER	VISOR(S) THAT PRO	WIDED ONSITE S	IDER VISION O	E WELL CONS	TPUC	TION OTHER TH	AN LICENSEE.
5. T	Shane Eldric							JIKUC	TION OTHER IN	AN LICENSEE.
SIGNATURE	CORRECT H AND THE P	ECORD OF	7 THE ABOVE D	TES THAT, TO THE F DESCRIBED HOLE AN 0 DAYS AFTER COM	ND THAT HE OR S	HE WILL FILE	GE AND BELI THIS WELL R	EF, TH ECORI	IE FOREGOING I D WITH THE STA	S A TRUE AND TE ENGINEER
6. SIGN	Jack At	Jack Atkins Jackie D. Atkins							03/09/2021	
		SIGNAT	JRE OF DRILLE	R / PRINT SIGNEE	NAME				DATE	
	OSE INTERI						WR-20 WEL		ORD & LOG (Ver	
FIL	ENO. C	p ~ 18	60		POD NO.	1	TRN NO.		8253	

Sec 30

WELL TAG ID NO.

N/ 7

R34E

LOCATION

323

T205



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

### STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

 Trn Nbr:
 682530

 File Nbr:
 CP 01860

 Well File Nbr:
 CP 01860 POD1

Apr. 08, 2021

TACOMA MORRISSEY WSP USA 3300 NORTH A STREET BLDG 1 #222 MIDLAND, TX 79705

Greetings:

The above numbered permit was issued in your name on 12/01/2020.

The Well Record was received in this office on 03/11/2021, stating that it had been completed on 02/25/2021, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 12/01/2021.

If you have any questions, please feel free to contact us.

Sincer ndrew Dennis (575) 622-6521

drywell

Appendix C – Photographic Log

















Appendix D – Certified Laboratory Analytical Reports



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: 6842 Top

6842 Topaz Lateral

Work Order: E402075

Job Number: 21102-0001

Received: 2/8/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 2/14/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 2/14/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 6842 Topaz Lateral Workorder: E402075 Date Received: 2/8/2024 6:00:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/8/2024 6:00:00AM, under the Project Name: 6842 Topaz Lateral.

The analytical test results summarized in this report with the Project Name: 6842 Topaz 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

Field Offices:

Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com



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#### **Sample Summary**

		sample sum	mai y			
Targa		Project Name:	6842 Topaz Lateral		Reported:	
12600 WCR 91		Project Number:	21102-0001			
Midland TX, 79707		Project Manager:	Brett Dennis		02/14/24 16:03	
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
FI-1	E402075-01A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
TI-2	E402075-02A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
I-3	E402075-03A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
I-4	E402075-04A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
°I-5	E402075-05A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
°I-6	E402075-06A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
FI-7	E402075-07A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
I-8	E402075-08A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
I-9	E402075-09A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
'I-10	E402075-10A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
I-11	E402075-11A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
I-12	E402075-12A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
I-13	E402075-13A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
I-14	E402075-14A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
I-15	E402075-15A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
FI-16	E402075-16A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
V-1	E402075-17A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
V-2	E402075-18A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
V-3	E402075-19A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
V-4	E402075-20A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
7-5	E402075-21A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
V-6	E402075-22A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
V-7	E402075-23A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	
V-8	E402075-24A	Soil	02/06/24	02/08/24	Glass Jar, 2 oz.	



	54	mpic D	ata			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	r: 2110	02-0001		Reported:	
Midland TX, 79707	Project Manage	er: Bret	t Dennis			2/14/2024 4:03:57PM
		FI-1				
	]	E402075-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Toluene	ND	0.0250	1	02/08/24	02/13/24	
-Xylene	ND	0.0250	1	02/08/24	02/13/24	
o,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Total Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2407017
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/24	02/12/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/12/24	02/12/24	
Surrogate: n-Nonane		109 %	50-200	02/12/24	02/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: IY		Batch: 2406108
Chloride	ND	20.0	1	02/09/24	02/10/24	

# Sample Data



### Sample Data

	5	ample D	ala				
Targa	Project Name:	: 6842	2 Topaz Late	eral			
12600 WCR 91	Project Numb	er: 2110	02-0001	Reported:			
Midland TX, 79707	Project Manag	ger: Bret	t Dennis				2/14/2024 4:03:57PM
		FI-2					
		E402075-02					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	I	Analyst: R	KS		Batch: 2406082
Benzene	ND	0.0250	1		02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1		02/08/24	02/13/24	
Toluene	ND	0.0250	1		02/08/24	02/13/24	
p-Xylene	ND	0.0250	1		02/08/24	02/13/24	
o,m-Xylene	ND	0.0500	1		02/08/24	02/13/24	
Fotal Xylenes	ND	0.0250	1		02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		91.6 %	70-130		02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: R	KS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1		02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130		02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2407017	
Diesel Range Organics (C10-C28)	ND	25.0	1		02/12/24	02/12/24	
Dil Range Organics (C28-C36)	ND	50.0	1		02/12/24	02/12/24	
Surrogate: n-Nonane		118 %	50-200		02/12/24	02/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY	7		Batch: 2406108
Chloride	ND	20.0	1		02/09/24	02/10/24	



## Sample Data

		ampic D	ucu			
Targa 12600 WCR 91	Project Name: Project Numbe		2 Topaz Lateral )2-0001		Reported:	
Midland TX, 79707	Project Manag	er: Bret	t Dennis			2/14/2024 4:03:57PM
		FI-3				
		E402075-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Toluene	ND	0.0250	1	02/08/24	02/13/24	
o-Xylene	ND	0.0250	1	02/08/24	02/13/24	
o,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Total Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2407017
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/24	02/12/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/12/24	02/12/24	
Surrogate: n-Nonane		101 %	50-200	02/12/24	02/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2406108
Chloride	ND	20.0	1	02/09/24	02/10/24	



## Sample Data

	D.	impic D	ata			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	er: 2110	02-0001	Reported:		
Midland TX, 79707	Project Manag	er: Bret	t Dennis			2/14/2024 4:03:57PM
		FI-4				
		E402075-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Foluene	ND	0.0250	1	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	02/08/24	02/13/24	
p,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Total Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		89.8 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2407017
Diesel Range Organics (C10-C28)	103	25.0	1	02/12/24	02/12/24	
Oil Range Organics (C28-C36)	68.2	50.0	1	02/12/24	02/12/24	
Surrogate: n-Nonane		106 %	50-200	02/12/24	02/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2406108
Chloride	23.8	20.0	1	02/09/24	02/10/24	

### Sample Data

	50	ampic D	ala			
Targa	Project Name:		2 Topaz Latera	ıl		
12600 WCR 91	Project Numbe		02-0001			Reported:
Midland TX, 79707	Project Manag	er: Bret	t Dennis			2/14/2024 4:03:57PM
		FI-5				
		E402075-05				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Toluene	ND	0.0250	1	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	02/08/24	02/13/24	
o,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Fotal Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.3 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2407017
Diesel Range Organics (C10-C28)	239	25.0	1	02/12/24	02/12/24	
Oil Range Organics (C28-C36)	158	50.0	1	02/12/24	02/12/24	
Surrogate: n-Nonane		106 %	50-200	02/12/24	02/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2406108
Chloride	ND	20.0	1	02/09/24	02/10/24	



## Sample Data

	D.	impic D	ata			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	er: 2110	02-0001		Reported:	
Midland TX, 79707	Project Manag	er: Bret	t Dennis			2/14/2024 4:03:57PM
		FI-6				
		E402075-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Toluene	ND	0.0250	1	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	02/08/24	02/13/24	
p,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Total Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2407017
Diesel Range Organics (C10-C28)	160	25.0	1	02/12/24	02/12/24	
Oil Range Organics (C28-C36)	125	50.0	1	02/12/24	02/12/24	
Surrogate: n-Nonane		109 %	50-200	02/12/24	02/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2406108
Chloride	ND	20.0	1	02/09/24	02/10/24	



## Sample Data

roject Name:	6842	2 Topaz Latera			
roject Numbe	er: 2110	02-0001	Reported:		
roject Manage	er: Bret	t Dennis			2/14/2024 4:03:57PM
	FI-7				
I	E402075-07				
	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2406082
ND	0.0250	1	02/08/24	02/13/24	
ND	0.0250	1	02/08/24	02/13/24	
ND	0.0250	1	02/08/24	02/13/24	
ND	0.0250	1	02/08/24	02/13/24	
ND	0.0500	1	02/08/24	02/13/24	
ND	0.0250	1	02/08/24	02/13/24	
	90.5 %	70-130	02/08/24	02/13/24	
mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2406082
ND	20.0	1	02/08/24	02/13/24	
	96.9 %	70-130	02/08/24	02/13/24	
mg/kg	mg/kg	Ana	alyst: NV		Batch: 2407017
264	25.0	1	02/12/24	02/12/24	
169	50.0	1	02/12/24	02/12/24	
	110 %	50-200	02/12/24	02/12/24	
mg/kg	mg/kg	Ana	alyst: IY		Batch: 2406108
30.3	20.0	1	02/09/24	02/10/24	
	Result mg/kg ND ND ND ND ND ND ND ND ND MD ND ND ND ND ND ND ND ND ND ND ND ND ND	roject Number: 2110 roject Manager: Bret FI-7 E402075-07 Reporting Result Limit mg/kg mg/kg ND 0.0250 ND 0.00 ND	roject Number: 21102-0001 roject Manager: Brett Dennis FI-7 E402075-07 E402075-07 Reporting Result Limit Dilution mg/kg mg/kg Ani ND 0.0250 1 ND 0.0250 1 0.0250 1 ND 0.0250 1	roject Number: 21102-0001 roject Manager: Brett Dennis FI-7 E402075-07 E402075-07 Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 02/08/24 ND 0.0250 1 02/08/24 MD 0.0250 1 02/08/24 ND 0.0250 1 02/08/24 MD 0.0250 1 02/08/24 MD 0.0250 1 02/08/24 ND 0.0250 1 02/08/24 MD 0.0250 1 02/02/24 MD 0.0250 1 02/12/24 MD 0.0250 1 02/12/24	roject Number: 21102-0001 roject Manager: Brett Dennis FI-7 E402075-07 Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 02/08/24 02/13/24 ND 0.0250 1 02/08/24 02/13/24 MD 0.0250 1 02/12/24 02/12/24 MD 0.0250 1 0



### Sample Data

	5	ampic D	ala			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Number	er: 2110	02-0001			Reported:
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/14/2024 4:03:57PM
		FI-8				
		E402075-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Toluene	ND	0.0250	1	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	02/08/24	02/13/24	
p,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Total Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		91.4 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2407017
Diesel Range Organics (C10-C28)	1410	25.0	1	02/12/24	02/12/24	
Oil Range Organics (C28-C36)	678	50.0	1	02/12/24	02/12/24	
Surrogate: n-Nonane		111 %	50-200	02/12/24	02/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2406108
Chloride	56.1	20.0	1	02/09/24	02/10/24	



### Sample Data

	50	ampie D	ala				
Targa	Project Name:	6842	2 Topaz Lat	teral			
12600 WCR 91	Project Numbe		Reported:				
Midland TX, 79707	Project Manag	ger: Bret	t Dennis				2/14/2024 4:03:57PM
		FI-9					
		E402075-09					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2406082
Benzene	ND	0.0250	1	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	1	02/08/24	02/13/24	
Toluene	ND	0.0250	1	1	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	1	02/08/24	02/13/24	
o,m-Xylene	ND	0.0500	1	1	02/08/24	02/13/24	
Total Xylenes	ND	0.0250	1	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		91.5 %	70-130		02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130		02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2407017
Diesel Range Organics (C10-C28)	772	25.0	1	1	02/12/24	02/13/24	
Dil Range Organics (C28-C36)	392	50.0	1	1	02/12/24	02/13/24	
Surrogate: n-Nonane		109 %	50-200		02/12/24	02/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2406108
Chloride	30.4	20.0	1	1	02/09/24	02/10/24	



## Sample Data

Da	mpic D	ala			
Project Name:	6842	2 Topaz Lateral			
Project Number	r: 2110		Reported:		
Project Manage	er: Bret	t Dennis			2/14/2024 4:03:57PM
	FI-10				
]	E402075-10				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	t: RKS		Batch: 2406082
ND	0.0250	1	02/08/24	02/13/24	
ND	0.0250	1	02/08/24	02/13/24	
ND	0.0250	1	02/08/24	02/13/24	
0.0799	0.0250	1	02/08/24	02/13/24	
0.111	0.0500	1	02/08/24	02/13/24	
0.190	0.0250	1	02/08/24	02/13/24	
2	92.0 %	70-130	02/08/24	02/13/24	
mg/kg	mg/kg	Analys	t: RKS		Batch: 2406082
ND	20.0	1	02/08/24	02/13/24	
	98.0 %	70-130	02/08/24	02/13/24	
mg/kg	mg/kg	Analys	t: NV		Batch: 2407017
1450	25.0	1	02/12/24	02/13/24	
676	50.0	1	02/12/24	02/13/24	
	117 %	50-200	02/12/24	02/13/24	
mg/kg	mg/kg	Analys	t: IY		Batch: 2406108
	Project Name: Project Numbe Project Manage Result mg/kg ND ND ND ND 0.0799 0.111 0.190 mg/kg ND mg/kg 1450 676	Project Name:         6842           Project Number:         2110           Project Manager:         Bret           FI-10         E402075-10           E402075-10         Reporting           Result         Limit           mg/kg         mg/kg           ND         0.0250           0.111         0.0500           0.190         0.0250           92.0 %         mg/kg           mg/kg         mg/kg           Mg/kg         1450           25.0         50.0           676         50.0	Project Number: $21102-0001$ Project Manager: $Brett Dennis$ FI-10         E402075-10         Result       Limit       Dilution         mg/kg       mg/kg       Analys         ND       0.0250       1         ND       0.0250       1         ND       0.0250       1         0.0799       0.0250       1         0.0799       0.0250       1         0.0111       0.0500       1         0.111       0.0500       1         mg/kg       mg/kg       Analys         ND       20.0       1         mg/kg       mg/kg       Analys         MD       20.0       1         mg/kg       mg/kg       Analys         MD       20.0       1         mg/kg       mg/kg       Analys         Mg/kg       Mg/kg       Analys         Mg/kg       Mg/kg       Analys         MD       25.0       1         Mg/kg       50-200       1	I         Project Name: $6842$ Topaz Lateral         Project Number: $21102-0001$ Project Manager:       Brett Dennis         FI-10         E402075-10         FL-10         E402075-10         Result       Dilution       Prepared         Mg/kg       mg/kg       Analyst: RKS         ND       0.0250       1       02/08/24         ND       0.0250       1       02/08/24         ND       0.0250       1       02/08/24         ND       0.0250       1       02/08/24         0.0799       0.0250       1       02/08/24         0.111       0.0500       1       02/08/24         0.190       0.0250       1       02/08/24         0.190       0.0250       1       02/08/24         mg/kg       mg/kg       Mg/kg       Analyst: RKS         ND       20.0 %       70-130       02/08/24         mg/kg       mg/kg       Analyst: NV       02/08/24         mg/kg       mg/kg       Analyst: NV       02/08/24         1450       25.0       1       02/12/24	I         Project Namee:       21102-0001         Project Namager:       Brett Dennis         FI-10         FI-10         E402075-10         Reporting         Result       Dilution       Prepared       Analyzed         Mg/kg       mg/kg       Analyst: RKS       V         ND       0.0250       1       02/08/24       02/13/24         0.0111       0.0500       1       02/08/24       02/13/24         0.101       0.0250       1       02/08/24       02/13/24         0.111       0.0500       1       02/08/24       02/13/24         0.111       0.020.0       1       02/08/24       02/13/24         mg/kg       mg/kg       Analyst: RKS       V       V         1450       25.0       1       02/08/24       02/13/



### Sample Data

	5	ampie D	ala			
Targa	Project Name	: 6842	2 Topaz Lateral			
12600 WCR 91	Project Numb	er: 2110	02-0001			Reported:
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/14/2024 4:03:57PM
		FI-11				
		E402075-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Foluene	ND	0.0250	1	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	02/08/24	02/13/24	
o,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Fotal Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2407017
Diesel Range Organics (C10-C28)	142	25.0	1	02/12/24	02/13/24	
Oil Range Organics (C28-C36)	124	50.0	1	02/12/24	02/13/24	
Surrogate: n-Nonane		109 %	50-200	02/12/24	02/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2406108
Chloride	ND	20.0	1	02/09/24	02/10/24	



### Sample Data

	5	ample D	ala			
Targa	Project Name:	: 6842	2 Topaz Lateral			
12600 WCR 91	Project Numb	er: 2110	02-0001		Reported:	
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/14/2024 4:03:57PM
		FI-12				
		E402075-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Toluene	ND	0.0250	1	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	02/08/24	02/13/24	
o,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Total Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		91.0 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2407017
Diesel Range Organics (C10-C28)	178	25.0	1	02/12/24	02/13/24	
Dil Range Organics (C28-C36)	141	50.0	1	02/12/24	02/13/24	
Surrogate: n-Nonane		110 %	50-200	02/12/24	02/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2406108
Chloride	ND	20.0	1	02/09/24	02/10/24	



### Sample Data

	5	ampic D	ala			
Targa	Project Name:	: 6842	2 Topaz Lateral			
12600 WCR 91	Project Numb	er: 2110	02-0001		Reported:	
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/14/2024 4:03:57PM
		FI-13				
		E402075-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Toluene	ND	0.0250	1	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	02/08/24	02/13/24	
p,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Fotal Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	cg Analyst: NV			Batch: 2407017
Diesel Range Organics (C10-C28)	173	25.0	1	02/12/24	02/13/24	
Oil Range Organics (C28-C36)	133	50.0	1	02/12/24	02/13/24	
Surrogate: n-Nonane		112 %	50-200	02/12/24	02/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2406108
Chloride	ND	20.0	1	02/09/24	02/10/24	



### Sample Data

	5	ample D	ala			
Targa	Project Name:	: 6842	2 Topaz Lateral			
12600 WCR 91	Project Numb	er: 2110	02-0001		Reported:	
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/14/2024 4:03:57PM
		FI-14				
		E402075-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Toluene	ND	0.0250	1	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	02/08/24	02/13/24	
o,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Fotal Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: NV			Batch: 2407017
Diesel Range Organics (C10-C28)	204	25.0	1	02/12/24	02/13/24	
Dil Range Organics (C28-C36)	148	50.0	1	02/12/24	02/13/24	
Surrogate: n-Nonane		110 %	50-200	02/12/24	02/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2406108
Chloride	ND	20.0	1	02/09/24	02/10/24	



### Sample Data

	Di	ample D	ala			
Targa	Project Name:	6842	2 Topaz Latera	ıl		
12600 WCR 91	Project Numbe	er: 2110	02-0001		Reported:	
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/14/2024 4:03:57PM
		FI-15				
		E402075-15				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Toluene	ND	0.0250	1	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	02/08/24	02/13/24	
o,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Fotal Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		91.5 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2407017
Diesel Range Organics (C10-C28)	496	25.0	1	02/12/24	02/13/24	
Dil Range Organics (C28-C36)	316	50.0	1	02/12/24	02/13/24	
Surrogate: n-Nonane		110 %	50-200	02/12/24	02/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2406108
Chloride	26.5	20.0	1	02/09/24	02/10/24	



### Sample Data

	5	ample D	ala			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Number	er: 2110	02-0001	Reported:		
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/14/2024 4:03:57PM
		FI-16				
		E402075-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Toluene	ND	0.0250	1	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	02/08/24	02/13/24	
o,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Total Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g/kg Analyst: NV		Batch: 2407017	
Diesel Range Organics (C10-C28)	454	25.0	1	02/12/24	02/13/24	
Dil Range Organics (C28-C36)	288	50.0	1	02/12/24	02/13/24	
Surrogate: n-Nonane		111 %	50-200	02/12/24	02/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: IY		Batch: 2406108
Chloride	23.8	20.0	1	02/09/24	02/10/24	



# Sample Data

		impic D				
Targa	Project Name:		2 Topaz Lateral			
12600 WCR 91	Project Numbe		02-0001		Reported:	
Midland TX, 79707	Project Manag	er: Bret	t Dennis			2/14/2024 4:03:57PM
		W-1				
	-	E402075-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Toluene	ND	0.0250	1	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	02/08/24	02/13/24	
o,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Fotal Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		93.6 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2407017
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/24	02/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/12/24	02/13/24	
Surrogate: n-Nonane		109 %	50-200	02/12/24	02/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2406108
Chloride	ND	20.0	1	02/09/24	02/12/24	



# Sample Data

	. Du	mpic D	uuu			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	r: 2110	02-0001			Reported:
Midland TX, 79707	Project Manage	er: Bret	t Dennis			2/14/2024 4:03:57PM
		W-2				
	]	E402075-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Toluene	ND	0.0250	1	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	02/08/24	02/13/24	
o,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Total Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2407017
Diesel Range Organics (C10-C28)	143	25.0	1	02/12/24	02/13/24	
Dil Range Organics (C28-C36)	90.1	50.0	1	02/12/24	02/13/24	
Surrogate: n-Nonane		107 %	50-200	02/12/24	02/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2406108
Chloride	ND	20.0	1	02/09/24	02/12/24	



# Sample Data

	50	impic D	uuu			
Targa	Project Name:		2 Topaz Lateral			
12600 WCR 91	Project Numbe		02-0001		Reported:	
Midland TX, 79707	Project Manage	er: Bret	t Dennis			2/14/2024 4:03:57PM
		W-3				
	]	E402075-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2406082
Benzene	ND	0.0250	1	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/13/24	
Toluene	ND	0.0250	1	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	02/08/24	02/13/24	
o,m-Xylene	ND	0.0500	1	02/08/24	02/13/24	
Fotal Xylenes	ND	0.0250	1	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2407017
Diesel Range Organics (C10-C28)	32.0	25.0	1	02/12/24	02/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/12/24	02/13/24	
Surrogate: n-Nonane		112 %	50-200	02/12/24	02/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2406108
Chloride	98.4	20.0	1	02/09/24	02/12/24	



### Sample Data

	50	imple D	ala				
Targa	Project Name:		6842 Topaz Lateral				
12600 WCR 91	Project Numbe		02-0001				Reported:
Midland TX, 79707	Project Manag	er: Bret	t Dennis				2/14/2024 4:03:57PM
		W-4					
	]	E402075-20					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2406082
Benzene	ND	0.0250	1	l	02/08/24	02/13/24	
Ethylbenzene	ND	0.0250	1	l	02/08/24	02/13/24	
Toluene	ND	0.0250	1	l	02/08/24	02/13/24	
p-Xylene	ND	0.0250	1	l	02/08/24	02/13/24	
o,m-Xylene	ND	0.0500	1	l	02/08/24	02/13/24	
Fotal Xylenes	ND	0.0250	1	l	02/08/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130		02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2406082
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	02/08/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130		02/08/24	02/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2407017	
Diesel Range Organics (C10-C28)	54.1	25.0	1	l	02/12/24	02/13/24	
Dil Range Organics (C28-C36)	55.1	50.0	1	l	02/12/24	02/13/24	
Surrogate: n-Nonane		112 %	50-200		02/12/24	02/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2406108
Chloride	24.3	20.0	1		02/09/24	02/12/24	



# Sample Data

Sa	mpic D	ala			
Project Name:		-			
5	5				Reported:
Project Manage	er: Bret	t Dennis			2/14/2024 4:03:57PM
	W-5				
]	E402075-21				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	st: EG		Batch: 2406081
ND	0.0250	1	02/08/24	02/09/24	
ND	0.0250	1	02/08/24	02/09/24	
ND	0.0250	1	02/08/24	02/09/24	
ND	0.0250	1	02/08/24	02/09/24	
ND	0.0500	1	02/08/24	02/09/24	
ND	0.0250	1	02/08/24	02/09/24	
	95.2 %	70-130	02/08/24	02/09/24	
mg/kg	mg/kg	Analys	st: EG		Batch: 2406081
ND	20.0	1	02/08/24	02/09/24	
	94.7 %	70-130	02/08/24	02/09/24	
mg/kg	mg/kg	Analyst: KM			Batch: 2407018
1480	25.0	1	02/12/24	02/12/24	
798	50.0	1	02/12/24	02/12/24	
	80.6 %	50-200	02/12/24	02/12/24	
mg/kg	mg/kg	Analys	st: IY		Batch: 2406107
	Project Name: Project Numbe Project Manage Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name:         6842           Project Number:         2110           Project Manager:         Bret           E402075-21         Reporting           Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         20.0           94.7 %         mg/kg           mg/kg         mg/kg           1480         25.0           798         50.0	Project Number: $21102-0001$ Brett Dennis         Project Manager: $21102-0001$ Brett Dennis <b>W-5</b> <b>E402075-21</b> Result       Limit       Dilution         mg/kg       mg/kg       Analys         ND $0.0250$ 1         MD $20.0$ 1         mg/kg       mg/kg       Analys         mg/kg $mg/kg$ $Analys$ MD $20.0$ 1 $20.0$ mg/kg $25.0$ 1         mg/kg $50.0$ 1 <td>I         Project Name:       <math>6842</math> Topaz Lateral         Project Number:       <math>21102-0001</math>         Project Manager:       Brett Dennis         IV-5         E402075-21         Result       Limit       Dilution       Prepared         mg/kg       mg/kg       Analyst: EG         ND       0.0250       1       02/08/24         ND       20.0       1       02/08/24         MD       20.0       1       02/08/24         MD       20.0       1       02/08/24         MD       20.0       1       02/08/24         MD       &lt;</td> <td>V         Project Name:       <math>6842</math> Topaz Lateral         Project Number:       <math>21102-0001</math>         Project Manager:       Brett Dennis         W-5         E402075-21         Result       Dilution       Prepared       Analyzed         Megorting:       Prepared       Analyzed         MD       0.0250       1       02/08/24       02/09/24         ND       0.0250       1       02/08/24       02/09/24         MD       20.0       1       &lt;</td>	I         Project Name: $6842$ Topaz Lateral         Project Number: $21102-0001$ Project Manager:       Brett Dennis         IV-5         E402075-21         Result       Limit       Dilution       Prepared         mg/kg       mg/kg       Analyst: EG         ND       0.0250       1       02/08/24         ND       20.0       1       02/08/24         MD       20.0       1       02/08/24         MD       20.0       1       02/08/24         MD       20.0       1       02/08/24         MD       <	V         Project Name: $6842$ Topaz Lateral         Project Number: $21102-0001$ Project Manager:       Brett Dennis         W-5         E402075-21         Result       Dilution       Prepared       Analyzed         Megorting:       Prepared       Analyzed         MD       0.0250       1       02/08/24       02/09/24         ND       0.0250       1       02/08/24       02/09/24         MD       20.0       1       <



# Sample Data

	56	impic D	aca			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	er: 2110	02-0001			Reported:
Midland TX, 79707	Project Manag	er: Bret	t Dennis			2/14/2024 4:03:57PM
		W-6				
	]	E402075-22				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2406081
Benzene	ND	0.0250	1	02/08/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/09/24	
Toluene	ND	0.0250	1	02/08/24	02/09/24	
p-Xylene	ND	0.0250	1	02/08/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/08/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/08/24	02/09/24	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	02/08/24	02/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2406081
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	02/08/24	02/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2407018
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/24	02/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/24	02/12/24	
Surrogate: n-Nonane		82.2 %	50-200	02/12/24	02/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2406107
Chloride	ND	20.0	1	02/09/24	02/09/24	



# Sample Data

	56		ata			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	er: 2110	02-0001		Reported:	
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/14/2024 4:03:57PM
		W-7				
		E402075-23				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: EG		Batch: 2406081
Benzene	ND	0.0250	1	02/08/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/09/24	
Toluene	ND	0.0250	1	02/08/24	02/09/24	
p-Xylene	ND	0.0250	1	02/08/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/08/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/08/24	02/09/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	02/08/24	02/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: EG		Batch: 2406081
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	02/08/24	02/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2407018
Diesel Range Organics (C10-C28)	707	25.0	1	02/12/24	02/12/24	
Oil Range Organics (C28-C36)	401	50.0	1	02/12/24	02/12/24	
Surrogate: n-Nonane		82.5 %	50-200	02/12/24	02/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2406107
Chloride	ND	20.0	1	02/09/24	02/09/24	



# Sample Data

		mpic D				
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	r: 2110	02-0001			Reported:
Midland TX, 79707	Project Manage	er: Bret	t Dennis			2/14/2024 4:03:57PM
		W-8				
	]	E402075-24				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: EG		Batch: 2406081
Benzene	ND	0.0250	1	02/08/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/08/24	02/09/24	
Toluene	ND	0.0250	1	02/08/24	02/09/24	
p-Xylene	ND	0.0250	1	02/08/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/08/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/08/24	02/09/24	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	02/08/24	02/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: EG		Batch: 2406081
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/24	02/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	02/08/24	02/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2407018
Diesel Range Organics (C10-C28)	46.3	25.0	1	02/12/24	02/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/24	02/12/24	
Surrogate: n-Nonane		85.5 %	50-200	02/12/24	02/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2406107
Chloride	24.3	20.0	1	02/09/24	02/09/24	



## QC Summary Data

	QC BI		ii y Dat	a				
	Project Name: Project Number: Project Manager:	21	1102-0001	eral				<b>Reported:</b> 2/14/2024 4:03:57PM
	Volatile O	rganics <b>k</b>	by EPA 802	21B				Analyst: EG
	Reporting	Spike	Source		Rec		RPD	
Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	2/08/24 A	nalyzed: 02/09/24
ND	0.0250					-		-
ND								
ND								
ND								
ND								
ND	0.0250							
7.50		8.00		93.7	70-130			
						Prepared: 0	2/08/24 A	nalyzed: 02/09/24
5.05	0.0250	5.00		101	70-130			
5.04	0.0250	5.00		101	70-130			
5.04	0.0250	5.00		101	70-130			
4.98	0.0250	5.00		99.6	70-130			
10.2	0.0500	10.0		102	70-130			
15.1	0.0250	15.0		101	70-130			
7.52		8.00		94.0	70-130			
			Source:	E402074-	09	Prepared: 0	2/08/24 A	nalyzed: 02/09/24
4.81	0.0250	5.00	ND	96.3	54-133			
4.80	0.0250	5.00	ND	96.0	61-133			
4.80	0.0250	5.00	ND	96.0	61-130			
4.74	0.0250	5.00	ND	94.8	63-131			
9.69	0.0500	10.0	ND	96.9	63-131			
14.4	0.0250	15.0	ND	96.2	63-131			
7.54		8.00		94.2	70-130			
			Source:	E402074-	09	Prepared: 0	2/08/24 A	nalyzed: 02/09/24
5.06	0.0250	5.00	ND	101	54-133	5.08	20	
5.04	0.0250	5.00	ND	101	61-133	5.00	20	
5.05	0.0250	5.00	ND	101	61-130	5.08	20	
		5 00	ND	00.0	63-131	5.18	20	
4.99	0.0250	5.00	ND	99.9				
4.99 10.2 15.2	0.0250 0.0500	10.0 15.0	ND ND ND	99.9 102 101	63-131 63-131	4.93 5.02	20 20 20	
	mg/kg ND ND ND ND ND 7.50 5.05 5.04 5.04 5.04 5.04 4.98 10.2 15.1 7.52 4.81 4.80 4.80 4.80 4.80 4.80 4.80 4.80 4.74 9.69 14.4 7.54 5.06 5.04	Project Name: Project Number: Project Manager:           Volatile Or           Result mg/kg         Reporting Limit mg/kg           ND         0.0250           7.50         0.0250           5.04         0.0250           5.04         0.0250           10.2         0.0500           15.1         0.0250           7.52	Project Name:         64           Project Number:         2           Project Manager:         B           Volatile Organics I           Result         Reporting Imit         Spike Level           mg/kg         mg/kg         mg/kg           ND         0.0250         mg/kg           ND         0.0250         ND           S.05         0.0250         5.00           ND         0.0250         5.00           S.04         0.0250         5.00           10.2         0.0500         10.0           15.1         0.0250         5.00           4.81         0.0250         5.00           4.80         0.0250         5.00           4.80         0.0250         5.00           4.80         0.0250         5.00           4.80         0.0250         5.00           4.80         0.0250         5.00           9.69         0	Project Name:         6842 Topaz Lat           Project Number:         21102-0001           Project Manager:         Brett Dennis           Volatile Organics by EPA 802           Result         Spike         Source           mg/kg         mg/kg         mg/kg         mg/kg           ND         0.0250         ND           ND         0.0250         ND           ND         0.0250         Volatile           ND         0.0250         ND           ND         0.0250         Source           Source         Source         Source           5.05         0.0250         5.00           S.04         0.0250         5.00           15.1         0.0250         5.00           15.1         0.0250         5.00           15.1         0.0250         5.00           15.1         0.0250         5.00           4.80         0.0250         5.00	Project Number:         21102-0001           Project Manager:         Brett Dennis           Volatile Organics by EPA 8021B           Result         Reporting         Spike         Source           mg/kg         mg/kg         mg/kg         Rec           MD         0.0250         mg/kg         mg/kg         %           ND         0.0250         mg/kg         mg/kg         %           ND         0.0250         mg/kg         %         %           Sold         0.0250         mg/kg         %         %           ND         0.0250         mg/kg         %         %           Sold         0.0250         sold         %         %           Sold         0.0250         sold         %         %           Sold         0.0250         sold         %         %           Sold         0.0250         5.00         101         %           Sold         0.0250	Project Name:         6842 Topaz Lateral           Project Number:         21102-0001           Project Manager:         Brett Dennis           Volatile Organics by EPA 8021B           Result         Reporting mg/kg         Spike mg/kg         Source mg/kg         Rec %         Rec Limits           ND         0.0250         mg/kg         mg/kg         %         %           ND         0.0250         nb         nb         %           ND         0.0250         nb         nd         7.0-130           ND         0.0250         5.00         101         70-130           Soft         0.0250         5.00         ND	Project Name:         6842 Topaz Lateral 21102-0001 Project Manager:         21102-0001 Brett Dennis           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec Limits         Rec %         Rec %         Rep %         RPD %           0.0250         mg/kg         mg/kg         mg/kg         mg/kg         %         %         %           ND         0.0250         ND         0.0250         ND         ND         0.0250           ND         0.0250         ND         0.0250         ND         Prepared: 0           7,50         8.00         93.7         70-130         Prepared: 0           5.05         0.0250         5.00         101         70-130           7,50         8.00         93.7         70-130         Prepared: 0           5.05         0.0250         5.00         101         70-130           10.2         0.0250         5.00         101         70-130           10.2         0.0250         5.00         101         70-130           10.2         0.0250         5.00         101         70-130           10.2         0.0250         5.00         ND         96	Project Name:         6842 Topaz Lateral Project Number:         21102-0001 Project Manager:         Ret Dennis           Volatile Organics by EPA 8021B           Result         Reporting mg/kg         Spike mg/kg         Source mg/kg         Rec %         %         %         %         %           ND         0.0250         ND         0.0250         ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250         Prepared: 02/08/24 A           ND         0.0250         ND         0.0250         Prepared: 02/08/24 A           0.0250         ND         0.0250         Prepared: 02/08/24 A           0.0250         S.00         101         70-130         Prepared: 02/08/24 A           5.05         0.0250         5.00         101         70-130         Prepared: 02/08/24 A           5.04         0.0250         5.00         101         70-130         Prepared: 02/08/24 A           5.05         0.0250         5.00         101         70-130         Prepared: 02/08/24 A           5.05         0.0250         5.00         ND         96.0         61-133



## QC Summary Data

		QC SI		iry Data	a				
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:	21	342 Topaz Lato 102-0001 rett Dennis	eral				<b>Reported:</b> 2/14/2024 4:03:57PM
, 		Volatile Or	ov EPA 802	21 <b>B</b>				Analyst: RKS	
			<u> </u>	-					Anaryst. KKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2406082-BLK1)							Prepared: 0	2/08/24 A	nalyzed: 02/13/24
Benzene	ND	0.0250					110pulou 0	2.00.2.1	inary2001 02/10/21
Benzene Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0230							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.60	0.0250	8.00		95.0	70-130			
LCS (2406082-BS1)							Prepared: 0	2/08/24 A	analyzed: 02/13/24
Benzene	4.33	0.0250	5.00		86.7	70-130	•		•
Ethylbenzene	4.33	0.0250	5.00		86.6	70-130			
Toluene	4.32	0.0250	5.00		86.3	70-130			
p-Xylene	4.27	0.0250	5.00		85.5	70-130			
p,m-Xylene	8.74	0.0500	10.0		87.4	70-130			
Total Xylenes	13.0	0.0250	15.0		86.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.60	010220	8.00		95.0	70-130			
Matrix Spike (2406082-MS1)				Source:	E402075-	10	Prepared: 0	2/08/24 A	analyzed: 02/13/24
Benzene	4.48	0.0250	5.00	ND	89.6	54-133	-		· ·
Ethylbenzene	4.49	0.0250	5.00	ND	89.9	61-133			
Toluene	4.48	0.0250	5.00	ND	89.6	61-130			
o-Xylene	4.53	0.0250	5.00	0.0799	89.0	63-131			
p,m-Xylene	9.15	0.0500	10.0	0.111	90.4	63-131			
Total Xylenes	13.7	0.0250	15.0	0.190	89.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.3	70-130			
Matrix Spike Dup (2406082-MSD1)				Source:	E402075-	10	Prepared: 0	2/08/24 A	analyzed: 02/13/24
Benzene	4.15	0.0250	5.00	ND	83.1	54-133	7.56	20	
	4.19	0.0250	5.00	ND	83.8	61-133	7.00	20	
Ethylbenzene	1.17					(1.120	=		
Ethylbenzene Toluene	4.16	0.0250	5.00	ND	83.3	61-130	7.29	20	
•			5.00 5.00	ND 0.0799	83.3 83.9	61-130 63-131	5.75	20 20	
Toluene	4.16	0.0250							
Toluene o-Xylene	4.16 4.28	0.0250 0.0250	5.00	0.0799	83.9	63-131	5.75	20	



## **QC Summary Data**

		QC D	u111111	iry Data	a				
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:	2	842 Topaz Late 1102-0001 rett Dennis	eral				<b>Reported:</b> 2/14/2024 4:03:57PM
	Noi	nhalogenated O	rganics	by EPA 80	15D - GI	RO			Analyst: EG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2406081-BLK1)							Prepared: 02	2/08/24 A	nalyzed: 02/09/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			
LCS (2406081-BS2)							Prepared: 02	2/08/24 A	nalyzed: 02/08/24
Gasoline Range Organics (C6-C10)	40.5	20.0	50.0		81.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			
Matrix Spike (2406081-MS2)				Source:	E402074-(	09	Prepared: 02	2/08/24 A	nalyzed: 02/09/24
Gasoline Range Organics (C6-C10)	55.8	20.0	50.0	ND	112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			
Matrix Spike Dup (2406081-MSD2)				Source:	E402074-0	09	Prepared: 02	2/08/24 A	nalyzed: 02/09/24
Gasoline Range Organics (C6-C10)	54.0	20.0	50.0	ND	108	70-130	3.31	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			



# **QC Summary Data**

		QC B	uIIIII	ary Data	a				
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:	2	842 Topaz Late 1102-0001 Brett Dennis	eral				<b>Reported:</b> 2/14/2024 4:03:57PM
	No	nhalogenated O	Organics	by EPA 80	15D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2406082-BLK1)							Prepared: 0	2/08/24 A	analyzed: 02/13/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			
LCS (2406082-BS2)							Prepared: 0	2/08/24 A	analyzed: 02/13/24
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0		83.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			
Matrix Spike (2406082-MS2)				Source:	E402075-	10	Prepared: 0	2/08/24 A	analyzed: 02/13/24
Gasoline Range Organics (C6-C10)	57.8	20.0	50.0	ND	116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.7	70-130			
Matrix Spike Dup (2406082-MSD2)				Source:	E402075-	10	Prepared: 0	2/08/24 A	analyzed: 02/13/24
Gasoline Range Organics (C6-C10)	54.0	20.0	50.0	ND	108	70-130	6.87	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			



## **QC Summary Data**

		QC BI	u I I I I I I	ary Data	a				
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:	2	842 Topaz Late 1102-0001 Brett Dennis	eral				<b>Reported:</b> 2/14/2024 4:03:57PM
	Nonh	alogenated Orga	anics by	EPA 8015E	) - DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2407017-BLK1)							Prepared: 0	2/12/24 A	analyzed: 02/12/24
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	53.4		50.0		107	50-200			
LCS (2407017-BS1)							Prepared: 0	2/12/24 A	analyzed: 02/12/24
Diesel Range Organics (C10-C28)	227	25.0	250		91.0	38-132			
Surrogate: n-Nonane	51.1		50.0		102	50-200			
Matrix Spike (2407017-MS1)				Source:	E402075-	04	Prepared: 0	2/12/24 A	analyzed: 02/12/24
Diesel Range Organics (C10-C28)	337	25.0	250	103	93.5	38-132			
Surrogate: n-Nonane	53.7		50.0		107	50-200			
Matrix Spike Dup (2407017-MSD1)				Source:	E402075-	04	Prepared: 0	2/12/24 A	analyzed: 02/12/24
Diesel Range Organics (C10-C28)	358	25.0	250	103	102	38-132	5.92	20	
Surrogate: n-Nonane	56.6		50.0		113	50-200			



## **QC Summary Data**

		QC BI	u1111116	ary Data	a				
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:	2	842 Topaz Late 1102-0001 srett Dennis	eral				<b>Reported:</b> 2/14/2024 4:03:57PM
	Nonh	alogenated Orga	anics by	EPA 8015E	) - DRO	/ORO			Analyst: KM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	шgжg	шукр	mg/kg	mg/xg	70	70	70	70	Notes
Blank (2407018-BLK1)							Prepared: 0	2/12/24 A	analyzed: 02/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.1		50.0		82.1	50-200			
LCS (2407018-BS1)							Prepared: 0	2/12/24 A	analyzed: 02/12/24
Diesel Range Organics (C10-C28)	214	25.0	250		85.4	38-132			
Surrogate: n-Nonane	39.8		50.0		79.7	50-200			
Matrix Spike (2407018-MS1)				Source:	E402075-	23	Prepared: 0	2/12/24 A	analyzed: 02/12/24
Diesel Range Organics (C10-C28)	877	25.0	250	707	68.1	38-132			
Surrogate: n-Nonane	41.8		50.0		83.5	50-200			
Matrix Spike Dup (2407018-MSD1)				Source:	E402075-	23	Prepared: 0	2/12/24 A	analyzed: 02/12/24
Diesel Range Organics (C10-C28)	938	25.0	250	707	92.5	38-132	6.72	20	
Surrogate: n-Nonane	42.5		50.0		85.1	50-200			



## **OC Summary Data**

		Y U N	<b>MIIII</b>	ary Data					
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:		6842 Topaz Late 21102-0001 Brett Dennis	ral				<b>Reported:</b> 2/14/2024 4:03:57F
		Anions l	by EPA	300.0/9056A					Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	
Blank (2406107-BLK1)							Prepared: 0	2/09/24	Analyzed: 02/09/24
Chloride	ND	20.0							
LCS (2406107-BS1)							Prepared: 0	2/09/24	Analyzed: 02/09/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2406107-MS1)				Source: I	E <b>402075</b> -2	24	Prepared: 0	2/09/24	Analyzed: 02/09/24
Chloride	278	20.0	250	24.3	101	80-120			
Matrix Spike Dup (2406107-MSD1)				Source: I	E <b>402075</b> -2	24	Prepared: 0	2/09/24	Analyzed: 02/09/24
Chloride	275	20.0	250	24.3	100	80-120	1.16	20	



## **QC Summary Data**

		QC D	u111111	ary Data					
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:	2	842 Topaz Late 1102-0001 Brett Dennis	ral				<b>Reported:</b> 2/14/2024 4:03:57PM
		Anions l	by EPA	300.0/9056A					Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2406108-BLK1)	ND	20.0					Prepared: 02	2/09/24	Analyzed: 02/10/24
LCS (2406108-BS1)							Prepared: 02	2/09/24	Analyzed: 02/10/24
Chloride Matrix Spike (2406108-MS1)	249	20.0	250	Source: 1	99.7 2 <b>402075-(</b>	90-110 <b>)4</b>	Prepared: 02	2/09/24	Analyzed: 02/10/24
Chloride	275	20.0	250	23.8	101	80-120			
Matrix Spike Dup (2406108-MSD1)				Source: I	E402075-0	04	Prepared: 02	2/09/24	Analyzed: 02/10/24
Chloride	278	20.0	250	23.8	101	80-120	0.800	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.



Γ	Targa	Project Name:	6842 Topaz Lateral	
	12600 WCR 91	Project Number:	21102-0001	Reported:
	Midland TX, 79707	Project Manager:	Brett Dennis	02/14/24 16:03

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 Infor	rmation					Chain o	f Custody												Page	of
roject: roject Mar ddress:	nager: 2620	Brett De W. Marl	opaz Late ennis and Blvd.	eral	Address: 2 City, State, Zip: A	Bill To mber Groves 01 S 4th St. rtesia, NM		Lab V E 4	20			2110	y Iumber 9 <b>2 - 000</b> sis and N	1		2D	TA 3D	T Standard	EPA P CWA	rogram SDWA RCRA
ty, State, 2 none: mail: bdenr eport due	nis@tasman-p by:	bbs, NM geo.com; cflc		-geo.com; lflores@	Phone: Email: agr *PO Pending*	oves@targaresource			IPH GKU/UKU/UKU BY 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		DC NM		XT C		State DUTAZ	TX
me Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	FI-1		Lab Number				voc b	Metal			BGDOC		GDOC		Remarks	
8:10	2.6.24	S	1				. 1		X	Х			X							
8:15	2.6.24	S	1		FI-2		2		х	Х			X		•	_				
8:20	2.6.24	S	1		FI-3		3		х	х	_		х					_		
8:25	2.6.24	S	1		FI-4		4		х	х			х			_				
8:30	2.6.24	S	1		FI-5		5		х	X	_		х							_
8:35	2.6.24	S	1		FI-6		6		х	х			Х							
8:40	2.6.24	S	1		FI-7		7		х	x			x							
8:45	2.6.24	S	1		FI-8		8		х	х			х							
8:50	2.6.24	S	1		FI-9		9		х	х			х							
8:55	2.6.24	S	1		FI-10		[]		х	х			х							
dditional	Instructio	ns:																		
te or time of d	collection is c	onsidered fr		of this sample. I am a be grounds for legal ac		or intentionally mislabelling ampled by:		ation,				0000000000		CONSISTER 101/2011/01/2				eived on ice the d ss than 6 °C on su		pled or
elinquished b	Hr _		Date J Date	7/2021 USI	Received by: (S Received by: (S	1 augt	Date 2-7- Date	24	Time	31		Rece	ived on	ice:	-	b Us / N	e Onl			
elinquished t	10	100So		7-24 161 Time 7-24 240	Received by: (S	signature)	2.7.1 Date 2.8.2	24		ot			Temp °(					<u> </u>		2. 2. 2.
	are discard	ed 30 days	after result	s are reported unless		e made. Hazardous sam he laboratory is limited to		eturned	l to cl	ient o	or disp							for the analy	sis of the abo	ove sample
						1	1				(	き		e	n		/i	ro	te	C

e Project Infor	rmation					Chain	of Custody											Page _	2_of_	3
Client: Targa Resources Project: 6842 Topaz Lateral Project Manager: Brett Dennis Address: 2620 W. Marland Blvd.					Bill ToAttention:Amber GrovesAddress:201 S 4th St.City, State, Zip: Artesia, NMPhone:Email:agroves@targaresources.com*PO Pending*			Lab WO# E 402075				se Only Job Number <b>21102 -000</b> Analysis and Metho			2D	TA 3D	23	EPA P CWA	SDWA	
City, State, Zip: Hobbs, NM 88240 Phone: Email: bdennis@tasman-geo.com; cflores@tasman-geo.com; lflores@ Report due by:									TPH GRO/DRO/ORO by 8015	8021			0	WN		TX	NM CO	Page EPA P CWA State UT AZ Remarks	TX	-
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number		8015	BTEX by 8021	VOC by 8260	Metals 6010	Chlorid	BGDOC		GDOC		Remarks		
9:00	2.6.24	S	1		FI-11		11		Х	х		100	×							
9:05	2.6.24	S	1		FI-12		12		х	Х			x							_
9:10	2.6.24	S	1		FI-13		13		х	X			x	_			_			_
9:15	2.6.24	S	1		FI-14 FI-15		14		Х	х			x							
9:20	2.6.24	S	1		Fl-15		15		Х	х			x				_			- 10
10:30	2.6.24	S	1			16		X	X			X								
10:35	2.6.24	S	1		17		X	X			X							_ (		
10:40	2.6.24	S	1		W-2		18		X	X			X						a to constant at an	-
10:45	2.6.24	S S	1		W-4		19		X X	x x			x x							-
dditional	Instructio		1				20		^	^			^							-
ate or time of o	collection is c	onsidered fra	aud and may	be grounds for legal ac		with or intentionally mislabelling Sampled by:		ation,		-		and the second second	and the second Hereice and the	2. NO.C.N.I. 199500.973			ceived on ice the day less than 6 °C on subs		oled or	_
Relinquished by: (Signature) Date 2/2/2021 123 Relinquished by: (Signature) Date Time			Received by: (Signature) Received by: (Signature)		Date 2-7-2 Date	4 1231 Time			F	Received on ice: V N										
Auchle Very 27-29 16 Relinguished by: (Signature) Date Time			Received by: (Signature)		2-7.1 Date 2-8-2	1	Time	1800 me 06 <i>0</i> 0		<u>T1</u> <u>T2</u> <u>T3</u> AVG Temp °C <u><u>4</u></u>										
lote: Samples	are discard	led 30 days	after result	ous, <b>O</b> - Other s are reported unless	other arrangemen	ts are made. Hazardous sar of the laboratory is limited		turnec	l to cl	ient o	<b>p</b> - po r dispo	ly/pla	stic, <b>ag</b> - a	mber gl				of the abo	ve sample	:s
the second second from the first second second	are discard	led 30 days	after result	s are reported unless			nples will be re	turnec	l to cl	ient o	r dispo		at the clier	nt expens	ie. Th	ie repoi				
roject Information	Bill To	1		15	ah Ha	se On	ly.			ТА	т	FPA Pro	gram							
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Project: 6842_Topaz Lateral Project Manager: Brett Dennis	Attention:Amber GrovesAddress:201 S 4th St.		Lab WO	ŧ	ó	Job 1	Number	1	2D	3D	Standard	CWA	SDWA							
Address: 2620 W. Marland Blvd. City, State, Zip: Hobbs, NM 88240 Phone: Semail: bdennis@tasman-geo.com; cflores@tasman-geo.com; lflores@ Report due by:	City, State, Zip: Artesia, NM Phone: Email: agroves@targaresource *PO Pending*	s.com	TPH GRO/DRO/ORO by 8015	8021			oroce a	WN		TX	NM CO	Page EPA Pro CWA CWA State UT AZ Remarks								
Time Sampled Date Matrix No. of Containers Sample ID		Lab Number	TPH GR( 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC		GDOC		Remarks								
10:50 2.6.24 S 1	W-5	21	x	x			х													
10:55 2.6.24 S 1	W-6	22	X	x	_		х													
11:00 2.6.24 S 1	W-7	23	X	x			х	_												
11:05 2.6.24 S 1	W-8	24	X	x			х													
2.6.24 5 1			X	X			х													
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26.24			X	X			х													
2.6.24 s 1			X	X			х													
2.624 S 1			X	X			х													
2.6.44 S 1			X	X			x													
field sampler), attest to the validity and authenticity of this sample. I am te or time of collection is considered fraud and may be grounds for legal a	action. Sampled by:							e at an avg te	mp abo	ve 0 but le	ceived on ice the day ess than 6 °C on subs		d or							
elinquished by: (Signature) Date 2/7/209/123 Date Date Date Time Time	Received by: (Signature)	Date 2-7-2 Date	Time	231	(	Rece	eived on i	/		se Onl	ιγ									
elinquished by: (Signature) Bate Time	Received by: (Signature)	2-7.7 Date 2-8-2	Time	800		T1 AVG	Temp °C	<u>T2</u>			<u> </u>									
imple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ote: Samples are discarded 30 days after results are reported unler applicable only to those samples received by the laboratory with t	ss other arrangements are made. Hazardous same	Container oles will be re	r Type: g - eturned to a	client o	<b>p</b> - p or disp	oly/pl	lastic, <b>ag</b> -	amber gl				of the above	e samples							

## **Envirotech Analytical Laboratory**

## Sample Receipt Checklist (SRC)

The order of the stands of the COC?       Yes         Does the sample ID match the COC?       Yes         New as maples dopped off by client or earrie?       Yes         New as maples dopped off by client or earrie?       Yes         New as maples dopped off by client or earrie?       Yes         New as the COC complex i.e., signatures, dates/times, requested analyses?       Yes         New as maple cooler received within holding time?       Yes         Now as maple cooler received?       Yes         Nample Cooler received?       Yes         Name as maple cooler received?       Yes         Name as maple cooler received?       Yes         Name could rule, i.e., not broken?       Yes         Name could yiscentrity scalis inact?       No         1. If yes, was cooler received a use? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Name: Thermal preservation is not required, if sample are received with 5 minutes of sample as received with 5 minutes of sample as received with 5 minutes of sample as received with 5 minutes of samples as the of S-minute of NOV Nails?       No         3. If no visible ice, record the temperature.       Actual sample as the simulation and received with 5 minutes of sample as a received with 7 yes       No         5. Are too-VOC samples collected in the orter containers?       Yes       No         1. If yes, does une ON will be simules were	lient: Targa Date Received	l: 02/08/24	06:00	Work Order ID:	E402075		
Chain of Custody (COC).       Constitution of samples per sampling site location match the COC Yes         2. Does the number of samples per sampling site location match the COC Yes       Carrier: Courier         3. Wree samples dropped of by clicit or carrier?       Yes         4. Was the COC complete, i.e., signatures, dates/times, requested analyses?       Yes         5. Were all samples received within holding time?       Yes         Main the COC indicate standard TAT, or Expedited TAT?       Yes         Sample Conder       Yes         7. Was a sample cooler received in good condition?       Yes         8. May us cooler received in good condition?       Yes         9. Was the sample(s) received intute, i.e., not broken?       Yes         9. Was the sample received as incit?       No         10. Were custody/security seals intat?       No         11. Hy yes, were custody/security seals intat?       No         12. Was the sample received in the emperature: <u>4°C</u> Sample Conference         13. If no visible ice, record the temperature: <u>4°C</u> Sample Conference         14. Are aqueous VOC: samples present?       No         15. Are VOC: samples origeted in the origet containers collected?       Yes         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) incloded for VOC analyses?       NA <th>hone: (432) 999-8675 Date Logged I</th> <th>n: 02/07/24</th> <th>15:26</th> <th>Logged In By:</th> <th colspan="3">Alexa Michaels</th>	hone: (432) 999-8675 Date Logged I	n: 02/07/24	15:26	Logged In By:	Alexa Michaels		
<ul> <li>1. Does the sample ID match the COC?</li> <li>Yes</li> <li>2. Does the number of samples per sampling site location match the COC</li> <li>Yes</li> <li>3. Were samples orgonged of by client or carrier?</li> <li>Yes</li> <li>Note: Analysis, such as pH which should grine?</li> <li>Yes</li> <li>Note: Analysis, such as pH which should be conducted in the field.</li> <li>i.e. 15 minute hold in; are on included in this discussion.</li> <li>Sample Concer received within the discussion.</li> <li>Sample Concer received institution that discussion.</li> <li>Sample Concer received institution of the discussion.</li> <li>Yes</li> <li>Nate as ample cooler received?</li> <li>Yes</li> <li>Yes as maple cooler received?</li> <li>Yes as maple cooler as traceived with is a strenging?</li> <li>Yes as trained of the temperature. Actual sample temperature: 4<sup>o</sup>////////////////////////////////////</li></ul>	mail: bdennis@tasman-geo.com Due Date:	02/14/24	4 17:00 (4 day TAT)				
<ul> <li>2. Does the number of samples per sampling site location match the COC Yes</li> <li>3. Were samples dropped off by client or earrier? Yes</li> <li>4. Was the COC complete, i.e., signatures, datestimes, requested analyses? Yes</li> <li>5. Were all samples received within holding time?</li> <li>5. Did the COC indicate standard TAT, or Expedited TAT? Yes</li> <li>5. Did the COC indicate standard TAT, or Expedited TAT? Yes</li> <li>5. Did the COC indicate standard TAT, or Expedited TAT? Yes</li> <li>5. Mays a sample cooler received? Yes</li> <li>6. Was the sample cooler received? Yes</li> <li>6. Was the sample cooler received? Yes</li> <li>6. Was the sample cooler received? Yes</li> <li>7. Was a sample cooler received? No</li> <li>6. Was the sample cooler received? No</li> <li>7. Was a sample cooler received? No</li> <li>7. Was a sample cooler received? No</li> <li>7. Was a sample cooler received? No</li> <li>8. If yes, were custody/security scales intet? No</li> <li>8. If yes, were custody/security scales instre? No</li> <li>8. No was the sample received on isor toquine! (Isomples are received wit Isomples are received with Isomples are received with Isomples are received wit Isomples are received with Isomples are Isomples are received with Isomples are</li></ul>	hain of Custody (COC)						
<ul> <li>3. Were samples doopped off by client or carrier?</li> <li>4. Was the COC complete, i.e., signatures, date/times, requested analyses?</li> <li>4. Was the COC complete, i.e., signatures, date/times, requested analyses?</li> <li>4. Was the COC complete, i.e., signatures, date/times, requested analyses?</li> <li>4. Was the COC complete, i.e., signatures, date/times, requested analyses?</li> <li>4. Was the COC complete, i.e., signatures, date/times?</li> <li>5. Note: Analysis, such as pll which should be conducted in the field, i.e. (5 from the Induction in the field, i.e., for the Induction in the field, i.e., for the Induction in Information:</li> <li>5. Are VOC samples collected in the One intervel in the Induction information:</li> <li>5. Are Sample ID?</li> <li>6. Are sample information: Information</li></ul>	. Does the sample ID match the COC?	Yes					
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes Note: Analysa, socka applied which sholding time? Yes Note: Analysa, socka applied to the standard in this diseasion. Sample Curol Analysa, socka applied to the standard TAT, or Expedited TAT? Yes Sample Curol Analysa, socka applied to the standard TAT, or Expedited TAT? Yes Sample Cooler received? Yes 8. If yes, was cooler received? Yes 9. Was a sample cooler received? Yes 10. Was a sample cooler received in good condition? Yes 10. Was a sample (sprecived intact, i.e., not broken? Yes 10. Was a sample (sprecived intact, i.e., not broken? Yes 10. Was a sample received in good condition? Yes 10. Was a sample precived in ego the top show the standard the samples are received wi 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> Sample Container 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vals? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample 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? 20. Are sample in 2000 Samples were preserved? No 21. Are sample in the fill sindicate the samples were preserved? No 22. Are sample(s) correctly preserved? No 23. Are sample(s) correctly preserved? No 24. Is lab fillention required and/or requested for dissolved metals? No Multiphase Sample Matrix 34. The sample have more than one phase, i.e., multiphase? No 35. Are samples required to get sent to a subcontract laborator? No 36. Are samples required to get sent to a subcontract laborator? No 37. If yes, dees the COC specify which phase(s) is to be analyzed? No 36. Are samples required to get sent to a subcontract laborator? No 36. Are samples required t	. Does the number of samples per sampling site location match the COC	Yes					
4. Was the COC complete, i.e., signatures, datas/times, requested analyses? Yes 5. Were all samples received with holding times? Yes 5. More: Analysis, such as pH which should be conducted in the field, i.e.; 15 minute hold time, are not included in this discussion. 5. Sample Conf. Tenzerived TAT, or Expedited TAT? Yes 5. Did the COC inducts standard TAT, or Expedited TAT? Yes 8. If yes, was cooler received in good condition? Yes 10. Were custody/security seals present? Yes 10. Were custody/security seals present? No 11. If yes, was cooler received in good condition? Yes 12. Was the sample() received intact, i.e., not broken? Yes 13. If no visible ice, record the temperature. Actual sample temperature: $\frac{4^{OC}}{5^{OC}}$ 13. If no visible ice, record the temperature. Actual sample temperature: $\frac{4^{OC}}{5^{OC}}$ 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vals? 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 19. Jose the COC or field labels filled out with the minimum information: Sample DY 20. Are sample habels filled out with the minimum information: Sample DY 21. Dors the COC or field habels indicate the sample were preserved? No 22. Are sample habels filled out with the minimum information: Sample DY 23. Are sample Mathine the samples were preserved? No 24. Is hab filteration required and/or requested for dissolved metals? No 25. Are sample Mathine Mathine Mathine Mathine minimum information: Sample DY 26. Are sample Mathine Mathine Mathine Mathine Mathine No 27. If yes, does the COC opeify which plase(s) is to be analyzed? No 27. If yes, does the COC specify which plase(s) is to be analyzed? No 27. If yes, does the COC opeify which plase(s) is to be analyzed? No 27. If yes, does the COC opeify which plase(s) is to be analyzed? No 27. If yes, does the COC opeify which plase(s) is to be analyzed? No 27. Hys, does the	. Were samples dropped off by client or carrier?	Yes	Carrier: Courier				
Note: Analysis, such as p11 which shoulds be conducted in the field, is, e, 15 minute hold time, are not included in this discussion. Sample Court rue not included in this discussion. Sample Court (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Yes Sample Cooler received in good condition? Yes 8. If yes, was cooler received in good condition? Yes 10. Was the sample (by crecived intact, i.e., not broken? Yes 10. Was the sample (by crecived intact, i.e., not broken? Yes 10. Was the sample (by crecived intact, i.e., not broken? Yes 10. Was the sample (by crecived intact, i.e., not broken? Yes 10. Was the sample (by crecived intact, i.e., not broken? Yes 10. Was the sample ince? If yes, the recorded temp is 4°C, i.e., 6°:2°C Yes Note: Thermal preservation is not required. If samples are received wit 15 minutes of sampling 13. If no visible (or, evend the temperature: <u>4°C</u> Sample Container 14. Are aqueous VOC samples collected in VOA Vials? NA 15. Sare 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 Field Land 20. Were field sample labels filled out with the minimum information: Sample ID? Yes Sample Collected? Yes Collectors name? Yes Sample ID? Yes Sample I	. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes					
6. Did the COC indicate standard TAT, or Expedited TAT?       Yes         Sample Cooler       Yes         She as ample 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       Yes         Mote: Thermal preservation is not required, if samples are received wit 15 minutes of sampling to required it, if samples are received wit 15 minutes of sample received on ice? If yes, the record the temperature. Actual sample temperature: $\frac{4°C}{2000000000000000000000000000000000000$	Note: Analysis, such as pH which should be conducted in the field,	Yes		Commen	ts/Resolution		
Sample Cooler       Yes         7. Was a sample cooler received?       Yes         8. If yes, was cooler received in dood condition?       Yes         9. Was the sample(s) ereceived 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       Yes         Now: Thermal preservation is not required, if samples are received wi 15       minutes of sampling         13. If no visible ice, record the temperature. Actual sample temperature: 4°C       Sample Containcer         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         Date/Time Collector?       Yes         Collectors name?       Yes         Date/Time Collectord?       Yes         Collectors name?       Yes         Collectors name?       No         22. Are sample(s) correctly preserved?       No         Multiphace Sample Matrix       No	ample Turn Around Time (TAT)						
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       Yes         Note: Themal preservation is not required, if samples are received wi 15       minutes of sampling         13. If no visible ice, record the temperature. Actual sample temperature: 4°C       Xample Container         14. Are aqueous VOC samples present?       No         15. 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         Date/Time Collected?       Yes         Collectors name?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         24. Is lab filterial received for dissolved metals?       No         At Is lab filterial received for dissolved metals?       No         At Is lab filterial received for dissolved metals?       No         24. Is lab filterind received and/or requested for dissolved metals?	. Did the COC indicate standard TAT, or Expedited TAT?	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 Yes Note: Thermal preservation is not required, if samples are received wi 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 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 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 Collectors name? Yes Sample ID? Yes Date/Time Collected? Yes Sample ID? Yes 21. Does the COC or field labels filled out with the minimum information: Sample ID? Yes 22. Are sample(s) correctly preserved? No 23. Are sample(s) correctly preserved? No 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 25. Does the COC specify which phase(s) is to be analyze? No Multiphase Sample Matrix 26. Does the COC specify which phase(s) is to be analyze? No Multiphase Sample Matrix 26. Does the COC specify which phase(s) is to be analyze? No Multiphase Sample Matrix 26. Does the COC specify which phase(s) is to be analyze? No Multiphase Sample Sam	ample Cooler						
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       Yes         Not: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling       The visible ice, record the temperature. Actual sample temperature: 4°C         32. Mole Container       14. Are aqueous VOC samples present?       No         14. Are aqueous VOC samples collected in VOA Vials?       NA         15. Are VOC samples collected in the correct containers?       Yes         17. Was at rip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected? in the correct containers?       Yes         Field Label       20. Were field sample labels filled out with the minimum information:       Sample Collected?         Sample Collected?       Yes       Yes         Collectors name?       Yes       Yes         Sample for correct preserved?       Na         21. Does the COC or field habels indicate the samples were preserved?       Na         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Yes         25. Are samples new more than one phase, i.e., multiphase	. Was a sample cooler received?	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       Yes         Not: Themal preservation is not required, if samples are received w/i 15       minutes of sampling         13. If no visible ice, record the temperature. Actual sample temperature: 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 bank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         Field Label       Yes         20. Were field sample labels filled out with the minimum information:       Sample Clotecta?         Sample Clotecta?       Yes         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         22. Are sample force, scieft which phase(s) is to be analyzed?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix	. If yes, was cooler received in good condition?	Yes					
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       Yes         Note: Thermal preservation is not required, if samples are received w/i 15       minitus of sampling         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         Pieto Label       Yes         20. Were field sample labels filled out with the minimum information:       Sample TO?         Sample TO?       Yes         Oll collectors name?       Yes         Sample for Cor of field labels indicate the samples were preserved?       No         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         Subcontract Laboratory       Na         Subcontract Laboratory       Na         Subcontract Laboratory <t< td=""><td>. Was the sample(s) received intact, i.e., not broken?</td><td>Yes</td><td></td><td></td><td></td></t<>	. Was the sample(s) received intact, i.e., not broken?	Yes					
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°42°C       Yes         Note: Thermal preservation is not required, if samples are received w/i 15       minutes of sampling         13. If no visible ice, record the temperature: Actual sample temperature: 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         Field Label       Yes         20. Were field sample labels filled out with the minimum information:       Sample TO?         Sample Cort of tiel labels indicate the samples were preserved?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         71. If yes, does the COC specify which phase(s) is to be analyzed?       No         Subcontract Laboratory       No         Subcontract Laboratory       No <tr< td=""><td>0. Were custody/security seals present?</td><td>No</td><td></td><td></td><td></td></tr<>	0. Were custody/security seals present?	No					
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Note: Thermal preservation is not required, if samples are received with 15       minutuse of sampling         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         Pield Label       Yes         20. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Collectors name?       Yes         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         25. Dote Cor Specify which phase(s) is to be analyzed?       Na         26. Does the COC specify which phase(s) is to be analyzed?       Na         26. Does the COC specify which phase(s) is to be analyzed?       Na         27. If yes, does the COC specify which phase(s) is to be analyzed?	1. If yes, were custody/security seals intact?						
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         Pield Label       Yes         20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         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         25. Does the COC specify which phase(s) is to be analyzed?       No         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         28. Are samples required to get sent to a subcontract laborator?       No         28. Are samples required to get sent to a subcontract laborator?       No	<ol> <li>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 1</li> </ol>	Yes					
Sample Container.       No         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         19. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Oulcetors name?       Yes         Collectors name?       Yes         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       Xo         25. Does the COC specify which phase(s) is to be analyzed?       Na         27. If yes, does the COC specify which phase(s) is to be analyzed?       Na         28. Are samples required to get sent to a subcontract laboratory?       No		4°C					
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       Yes         20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date:Time Collected?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       Na         23. La stab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Xo         26. Does the cOC specify which phase(s) is to be analyzed?       Na         27. If yes, does the COC specify which phase(s) is to be analyzed?       Na         28. Are samples required to get sent to a subcontract laboratory?       No		10					
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       Yes         20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         23. Are sample have more than one phase, i.e., multiphase?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         25. 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?       No         28. Are samples required to get sent to a subcontract laboratory?       No		No					
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       Yes         20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Yes         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       No         Subcontract Laboratory       No							
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       Yes         20. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Yes         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       No         28. Are samples required to get sent to a subcontract laboratory?       No	-						
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?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         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       Yes         26. Does the COC specify which phase(s) is to be analyzed?       NA         27. If yes, does the COC specify which phase(s) is to be analyzed?       Na         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No							
19. Is the appropriate volume/weight or number of sample containers collected?       Yes         Field Label         20. Were field sample labels filled out with the minimum information:         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         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       Yes         26. Does the Sample have more than one phase, i.e., multiphase?       No         7. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No							
Field Label         20. Were field sample labels filled out with the minimum information:         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         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       Yes         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       No         28. Are samples required to get sent to a subcontract laboratory?       No	-						
20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         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         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       No         28. Are samples required to get sent to a subcontract laboratory?       No		105					
Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         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       No         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       No         28. Are samples required to get sent to a subcontract laboratory?       No							
Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         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       No         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       NA         28. Are samples required to get sent to a subcontract laboratory?       No		Yes					
Sample Preservation       No         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       No         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       NA         28. Are samples required to get sent to a subcontract laboratory?       No	-	Yes					
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       No         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       NA         28. Are samples required to get sent to a subcontract laboratory?       No		Yes					
22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         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       NA         28. Are samples required to get sent to a subcontract laboratory?       No							
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	* *						
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       Na         28. Are samples required to get sent to a subcontract laboratory?       No	1 () 21						
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       Na         28. Are samples required to get sent to a subcontract laboratory?       No	4. Is lab filteration required and/or requested for dissolved metals?	No					
27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       NA         28. Are samples required to get sent to a subcontract laboratory?       No							
Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No		No					
28. Are samples required to get sent to a subcontract laboratory? No	7. If yes, does the COC specify which phase(s) is to be analyzed?	NA					
28. Are samples required to get sent to a subcontract laboratory? No	ubcontract Laboratory						
		No					
			Subcontract Lab: NA				

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



envirotech Inc.

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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: 6842 To

6842 Topaz Lateral

Work Order: E402155

Job Number: 21102-0001

Received: 2/17/2024

Revision: 0

Report Reviewed By:

Draft Walter Hinchman Laboratory Director 2/19/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 2/19/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 6842 Topaz Lateral Workorder: E402155 Date Received: 2/17/2024 6:30:00AM

Brett Dennis,



Page 76 of 155

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/17/2024 6:30:00AM, under the Project Name: 6842 Topaz Lateral.

The analytical test results summarized in this report with the Project Name: 6842 Topaz 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

Field Offices:

Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.

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#### Sample Summary

		Sample Sum	mary		
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:	6842 Topaz Lateral 21102-0001 Brett Dennis		<b>Reported:</b> 02/19/24 16:49
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Fl- 4A	E402155-01A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
71- 5A	E402155-02A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 6A	E402155-03A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
51- 7A	E402155-04A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 8A	E402155-05A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 9A	E402155-06A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
<sup>c</sup> l- 10A	E402155-07A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 11A	E402155-08A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 12A	E402155-09A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 13A	E402155-10A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 14A	E402155-11A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 15A	E402155-12A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 16A	E402155-13A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
W -2A	E402155-14A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
V -4A	E402155-15A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
V -5A	E402155-16A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
V -7A	E402155-17A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.



	~					
Targa 12600 WCR 91	Project Name Project Num		2 Topaz Lateral )2-0001	l		Reported:
Midland TX, 79707	Project Mana		t Dennis			2/19/2024 4:49:04PM
		Fl- 4A				
		E402155-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
o-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/19/24	
urrogate: 4-Bromochlorobenzene-PID		91.0 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		102 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	

## Sample Data

## Sample Data

	Da	ample D	ลเล			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	er: 2110	02-0001			Reported:
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/19/2024 4:49:04PM
		Fl- 5A				
		E402155-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
-Xylene	ND	0.0250	1	02/19/24	02/19/24	
,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/19/24	
urrogate: 4-Bromochlorobenzene-PID		91.5 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: EG		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
urrogate: n-Nonane		101 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	



## Sample Data

	21	ample D	ลเล			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	er: 2110	02-0001		Reported:	
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/19/2024 4:49:04PM
		Fl- 6A				
		E402155-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		92.1 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: EG		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		103 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2408002
Chloride	43.7	20.0	1	02/19/24	02/19/24	



## Sample Data

	0	ample D	ala				
Targa	Project Name	: 6842	2 Topaz Later	ral			
12600 WCR 91	Project Numb	er: 2110	02-0001			Reported:	
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/19/2024 4:49:04PM	
		Fl- 7A					
		E402155-04					
		Reporting					
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	nalyst: EG		Batch: 2408004	
Benzene	ND	0.0250	1	02/19/24	02/19/24		
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24		
Toluene	ND	0.0250	1	02/19/24	02/19/24		
o-Xylene	ND	0.0250	1	02/19/24	02/19/24		
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24		
Total Xylenes	ND	0.0250	1	02/19/24	02/19/24		
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	02/19/24	02/19/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	02/19/24	02/19/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408008	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24		
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24		
Surrogate: n-Nonane		103 %	50-200	02/19/24	02/19/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: IY		Batch: 2408002	
Chloride	20.6	20.0	1	02/19/24	02/19/24		



## Sample Data

	5	ample D	ala			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Number	er: 2110	02-0001		Reported:	
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/19/2024 4:49:04PM
		Fl- 8A				
		E402155-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: EG		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		87.7 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: IY		Batch: 2408002
Chloride	33.1	20.0	1	02/19/24	02/19/24	



## Sample Data

	32	ample D	ลเล			
-	Project Name:		2 Topaz Lateral			
	Project Number		02-0001			Reported:
Midland TX, 79707	Project Manag	er: Bret	t Dennis			2/19/2024 4:49:04PM
		Fl- 9A				
		E402155-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
o-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/19/24	
urrogate: 4-Bromochlorobenzene-PID		101 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408008
Diesel Range Organics (C10-C28)	70.4	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	53.5	50.0	1	02/19/24	02/19/24	
urrogate: n-Nonane		100 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2408002
Chloride	22.4	20.0	1	02/19/24	02/19/24	



## Sample Data

	Da	ample D	ata			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	er: 2110	02-0001			Reported:
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/19/2024 4:49:04PM
		Fl- 10A				
		E402155-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: EG		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	Analyst: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		98.8 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	

## Sample Data

	25	ample D	ลเล			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	er: 2110	02-0001		Reported:	
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/19/2024 4:49:04PM
		Fl- 11A				
		E402155-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
o-Xylene	ND	0.0250	1	02/19/24	02/19/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: EG		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		107 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	

## Sample Data

	Da	ample D	ata			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	er: 2110	02-0001			Reported:
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/19/2024 4:49:04PM
		Fl- 12A				
		E402155-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: EG		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		102 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	

## Sample Data

eported:
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es
2408004
2408004
2408008
2408002
2



## Sample Data

	Da	ample D	ata			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	er: 2110	02-0001			Reported:
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/19/2024 4:49:04PM
		Fl- 14A				
		E402155-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: EG		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		104 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: IY		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	

## Sample Data

	3	ample D	ata			
Targa	Project Name		2 Topaz Latera	1		
12600 WCR 91	Project Numb		02-0001			Reported:
Midland TX, 79707	Project Mana	ger: Bret	t Dennis			2/19/2024 4:49:04PM
		Fl- 15A				
		E402155-12				
		Reporting				
Analyte	Result	Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
o-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		105 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	



## Sample Data

	3	ample D	ata			
Targa	Project Name:	: 6842	2 Topaz Lateral			
12600 WCR 91	Project Numb	er: 2110	02-0001			Reported:
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/19/2024 4:49:04PM
		Fl- 16A				
		E402155-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: EG		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		106 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	

## Sample Data

	3	ample D	ลเล			
Targa	Project Name:	6842	2 Topaz Latera	1		
12600 WCR 91	Project Numbe	er: 2110	02-0001			Reported:
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/19/2024 4:49:04PM
		W -2A				
		E402155-14				
		Reporting				
Analyte	Result	Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		104 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	



## Sample Data

	3	ample D	ลเล			
Targa	Project Name	e: 6842	2 Topaz Lateral			
12600 WCR 91	Project Numb	ber: 2110	02-0001			Reported:
Midland TX, 79707	Project Mana	iger: Bret	t Dennis			2/19/2024 4:49:04PM
		W -4A				
		E402155-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: EG		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		103 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	



## Sample Data

	52	ample D	ลเล			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	er: 2110	02-0001			Reported:
Midland TX, 79707	Project Manag	er: Bret	t Dennis			2/19/2024 4:49:04PM
		W -5A				
		E402155-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	82.1	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		91.3 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2408002
Chloride	27.1	20.0	1	02/19/24	02/19/24	



## Sample Data

	52	ample D	ลเล			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numbe	er: 2110	02-0001			Reported:
Midland TX, 79707	Project Manag	er: Bret	t Dennis			2/19/2024 4:49:04PM
		W -7A				
		E402155-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: EG		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
o-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/19/24	
urrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: EG		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	196	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	110	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		93.4 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	



## **QC Summary Data**

		QC D	u 1111110	ing Data	a				
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:	2	842 Topaz Lat 1102-0001 rett Dennis	eral				<b>Reported:</b> 2/19/2024 4:49:04PM
		Anions l	by EPA	300.0/90564	4				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2408002-BLK1)							Prepared: 0	2/19/24 A	Analyzed: 02/19/24
Chloride	ND	20.0							
LCS (2408002-BS1)							Prepared: 0	2/19/24 A	Analyzed: 02/19/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2408002-MS1)				Source:	E402155-0	02	Prepared: 0	2/19/24 A	Analyzed: 02/19/24
Chloride	272	20.0	250	ND	109	80-120			
Matrix Spike Dup (2408002-MSD1)				Source:	E402155-0	02	Prepared: 0	2/19/24 A	Analyzed: 02/19/24
Chloride	271	20.0	250	ND	108	80-120	0.238	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**

Γ	Targa	Project Name:	6842 Topaz Lateral	
	12600 WCR 91	Project Number:	21102-0001	Reported:
	Midland TX, 79707	Project Manager:	Brett Dennis	02/19/24 16:49

ND Analyte NOT DETECTED at or above the rep	oorting 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.



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Chain of Custody RUSH

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lient: roject: roject Mar ddress:	nager:	Brett	sources PAZLAT Dennis arland Blvd		Add	Bill To Ention: Amber Groves Iress: 201 S 4th St. 7, State, Zip: Artesia, NM	tion: Amber Groves ss: 201 S 4th St.			Lab Use Only Lab WO# Job Number 1D E 402.155 21102-000 X Analysis and Method					2D	TAT 3D S	Standard	EPA P CWA	SDWA
ty, State, Z none: bdenn	Zip: iis@tasm @tasmar	Hobbs, N		m-geo.com;	Pho Em	ine:			TPH GRO/DRO/ORO by 8015	y 8021	VOC by 8260	300.0		NN		ž		State UT AZ	
me Sampled	Date Sample	d Matrix	K No. of Containers	Sample ID			Lab Number		TPH GI 8015	BTEX by 802.	VOC b	Metals 6010 Chloride 300		BGDOC		GDOC		Remarks	
0845	2.160	24	1		F	1-44	1		X	X		X		_					
0850	1		1		F	1-5A	2		X	X		X							
0855			1		F	1-6A	3		X	X		X							
0900			1		ī	F1-7A	4		X	X		X							
0905			1		F	1-8A	5		X	X		X							
0910			1		F	1-917	6		X	X		X							
0915			1		F	FI-10A	7		X	X		X							
0920			1		F	)- 11A	8		X	X		X							
0925			1		Ŧ	-1- 12A	9		X	X		X							
0930	V		1			F1-13A	10		X	X		X							
dditional	Instruc	tions:					1												
				ty of this sample by be grounds for		t tampering with or intentionally mislabel Sampled by:			0			and a second					d on ice the day th on subsequent day		ed or received
	X			16.24	me	Received by: (Signature)	Date Life	14	Time	332	5	Received	l on ice		b Use / N	Only			
Millinguished I	10	up	Dat	1601	1630	Received by: (Signature)	2/17	1 1	Q	630	)	T1		<u>T2</u>			<u>T3</u>		
elinquished l	by: (Sign	ature)	Dat	e I	me	Received by: (Signature)	Date		Time	1		AVG Ten	np °C	4					
				ueous, <b>O</b> - Other	unless other	arrangements are made. Hazardous						oly/plastic					for the analys	is of the ab	IOVE
						this COC. The liability of the laborator						he report.							
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r <u>oject:</u> roject Man ddress:	lager:	Brett De	nnis		tention: Amber Groves ddress: 201 S 4th St. ty, State, Zip: Artesia, NM		Lab Eu	wo#	ŧ		Job 210	Num			D 21	D 3D	) St	anda	ird	CWA	SDWA RCRA
ty, State, 2 none: <u>bdenn</u> mail: Iflores eport due	is@tasman-j @tasman-ge	bbs, NM geo.com; cflc to.com; knor	res@tasman	Pl - <u>geo.com;</u>	none: nail: agroves@targaresourc PO Pending*	<u>es.com</u>		TPH GRO/DRO/ORO by 8015	8021	8260	6010	e 300.0			MN	ТX		NM	со	State UT AZ	ТХ
me Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GR 8015	BTEX by	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC	GDOC				Remarks	S
935	2.1624	Ī	۱		FI-IHA	11		X	X	X	F	X									
940			1		FI-ISA	12		X	X	X	Ľ	X									
945			1		F1-1617	13		X	X	X		X									
0950			1		W-2A	14		X	X	X		X									
0955			1		W-4A	15		X	X	X		X									
000			1		W-SA	16		X	x	*		X									
1005	Ý		1		W-7A	17		X	X	R		$\checkmark$				_					
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				y of this sample. I am aware t be grounds for legal action.	hat tampering with or intentionally mislabellin Sampled by:	g the sample lo	cation,						ring therm at an avg to		ove 0 bu	ut less thai	n 6 °C on			- A - B	led or receive
linguished b linguished b M CU	h		Date 2. Date	16:21 16:21 16:22	Received by: (Signature) Received by: (Signature)	Date 2-16 Date 2/17		Time Time	330	2		eived	on ice		YI	Use O N		TO			
linquished b	oy: (Signatu	re)	Date	Time	Received by: (Signature)	Date		Time			A part of the second	6 Tem		4	2			<u>T3</u>			
te: Samples	are discar	ded 30 days	after resul	ng panang ang pang pang pang panang pang p	er arrangements are made. Hazardous sa h this COC. The liability of the laboratory i		retur	ned to	clien	t or di	ispose	d of at port.	the clie	ent ex	pense.	. The re	eport fo		9822715240		
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Chain of Custody (COC)

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#### **Envirotech Analytical Laboratory**

Printed: 2/17/2024 8:14:39AM

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#### Sample Receipt Checklist (SRC)

Client:	Targa	Date Received:	02/17/24 06:30	Work Order ID:	E402155
Phone:	(432) 999-8675	Date Logged In:	02/16/24 16:02	Logged In By:	Alexa Michael
Email:	bdennis@tasman-geo.com	Due Date:	02/19/24 17:00 (0 day TAT)		

#### Ycs 1. Does the sample ID match the COC? 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? Yes Note: Analysis, such as pH which should be conducted in the field, **Comments/Resolution** i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) 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 Yes Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> 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? NΑ 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA



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

Date

envirotech Inc.



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:

6842 Topaz Lateral

Work Order: E402155

21102-0001 Job Number:

> Received: 2/17/2024

> > Revision: 1

**Report Reviewed By:** 

Walter Hinchman Laboratory Director 2/20/24

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

Date Reported: 2/20/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 6842 Topaz Lateral Workorder: E402155 Date Received: 2/17/2024 6:30:00AM

Brett Dennis,



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Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/17/2024 6:30:00AM, under the Project Name: 6842 Topaz Lateral.

The analytical test results summarized in this report with the Project Name: 6842 Topaz 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

Field Offices:

Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

		Sample Sum	mai y		
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:	6842 Topaz Lateral 21102-0001 Brett Dennis		<b>Reported:</b> 02/20/24 14:32
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Fl- 4A	E402155-01A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 5A	E402155-02A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 6A	E402155-03A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 7A	E402155-04A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 8A	E402155-05A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 9A	E402155-06A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 10A	E402155-07A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 11A	E402155-08A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 12A	E402155-09A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 13A	E402155-10A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 14A	E402155-11A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 15A	E402155-12A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
Fl- 16A	E402155-13A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
W -2A	E402155-14A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
W -4A	E402155-15A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
W -5A	E402155-16A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.
W -7A	E402155-17A	Solid	02/16/24	02/17/24	Glass Jar, 2 oz.



	5		ala			
Targa	Project Name		2 Topaz Lateral			D ( )
12600 WCR 91	Project Numb		02-0001			Reported:
Midland TX, 79707	Project Mana	iger: Bret	t Dennis			2/20/2024 2:32:26PM
		Fl- 4A				
		E402155-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: BA		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		91.0 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		102 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: WF		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	

## Sample Data



## Sample Data

	5	ampic D	ala			
Targa	Project Name:		2 Topaz Lateral			<b>D</b>
12600 WCR 91	Project Number		02-0001			Reported:
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/20/2024 2:32:26PM
		Fl- 5A				
		E402155-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: BA		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		91.5 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		101 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	


## Sample Data

	5	ampie D	ala			
Targa	Project Name:	: 6842	2 Topaz Lateral			
12600 WCR 91	Project Numb	er: 2110	02-0001		Reported:	
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/20/2024 2:32:26PM
		Fl- 6A				
		E402155-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		92.1 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	cg Analyst: KM			Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		103 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2408002
Chloride	43.7	20.0	1	02/19/24	02/19/24	



## Sample Data

5	ampie D	ala			
Project Name	: 6842	2 Topaz Lateral			
Project Numb	er: 2110	02-0001			Reported:
Project Manag	ger: Bret	t Dennis		2/20/2024 2:32:26PM	
	Fl- 7A				
	E402155-04				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	vst: BA		Batch: 2408004
ND	0.0250	1	02/19/24	02/19/24	
ND	0.0250	1	02/19/24	02/19/24	
ND	0.0250	1	02/19/24	02/19/24	
ND	0.0250	1	02/19/24	02/19/24	
ND	0.0500	1	02/19/24	02/19/24	
ND	0.0250	1	02/19/24	02/19/24	
	94.7 %	70-130	02/19/24	02/19/24	
mg/kg	mg/kg	Analy	Analyst: BA		Batch: 2408004
ND	20.0	1	02/19/24	02/19/24	
	91.7 %	70-130	02/19/24	02/19/24	
mg/kg	mg/kg	Analy	Analyst: KM		Batch: 2408008
ND	25.0	1	02/19/24	02/19/24	
ND	50.0	1	02/19/24	02/19/24	
	103 %	50-200	02/19/24	02/19/24	
mg/kg	mg/kg	Analyst: WF		Batch: 2408002	
	Project Name Project Numb Project Manay Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name:         6842           Project Number:         2110           Project Manager:         Bret           Project Manager:         Bret           FI-7A         E402155-04           Result         Limit           mg/kg         mg/kg           Mg/kg         Mg/kg           ND         0.0250           ND         20.0           91.7 %         mg/kg           mg/kg         mg/kg           ND         25.0           ND         50.0           ND	Project Number: $21102-0001$ Project Manager: $Brett Dennis$ FI-7A       E402155-04         E402155-04       Image team of the second se	I         Project Name: $6842$ Topaz Lateral         Project Number: $21102-0001$ Project Manager:       Brett Dennis         FI- 7A         F402155-04         FH- 7A         E402155-04         FL- 7A         Result       Dilution       Prepared         Mp $0.0250$ 1 $02/19/24$ ND $20.0$ 1 $02/19/24$ MD $20.0$ 1 $02/19/24$ MD $25.0$ 1 $02/19/24$ MD $25.0$ 1 $02/19/24$ MD $25.0$ 1 $02/19/24$ MD	Variable of the second state of the second



## Sample Data

	5	ample D	ala			
Targa	Project Name	: 6842	2 Topaz Lateral			
12600 WCR 91	Project Numb	er: 2110	02-0001	Reported:		
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/20/2024 2:32:26PM
		Fl- 8A				
		E402155-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
p,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		87.7 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2408002
Chloride	33.1	20.0	1	02/19/24	02/19/24	



## Sample Data

	D	ample D	ala			
Targa	Project Name:	6842	2 Topaz Lateral	l		
12600 WCR 91	Project Numb	er: 2110	02-0001	Reported:		
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/20/2024 2:32:26PM
		Fl- 9A				
		E402155-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: KM			Batch: 2408008
Diesel Range Organics (C10-C28)	70.4	25.0	1	02/19/24	02/19/24	
Oil Range Organics (C28-C36)	53.5	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		100 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: WF		Batch: 2408002
Chloride	22.4	20.0	1	02/19/24	02/19/24	



## Sample Data

	5	ample D	ลเล			
Targa	Project Name:	6842	2 Topaz Lateral			
12600 WCR 91	Project Numb	er: 2110	02-0001	Reported:		
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/20/2024 2:32:26PM
		Fl- 10A				
		E402155-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		98.8 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	



## Sample Data

Project Name:	6842	2 Topaz Later			
Project Numb	er: 2110	02-0001	Reported:		
Project Manag	ger: Bret	t Dennis			2/20/2024 2:32:26PM
	Fl- 11A				
	E402155-08				
Result	Limit	Diluti	ion Prepared	Analyzed	Notes
mg/kg	mg/kg	А	nalyst: BA		Batch: 2408004
ND	0.0250	1	02/19/24	02/19/24	
ND	0.0250	1	02/19/24	02/19/24	
ND	0.0250	1	02/19/24	02/19/24	
ND	0.0250	1	02/19/24	02/19/24	
ND	0.0500	1	02/19/24	02/19/24	
ND	0.0250	1	02/19/24	02/19/24	
	101 %	70-130	02/19/24	02/19/24	
mg/kg	mg/kg	Analyst: BA			Batch: 2408004
ND	20.0	1	02/19/24	02/19/24	
	90.6 %	70-130	02/19/24	02/19/24	
mg/kg	mg/kg	Analyst: KM			Batch: 2408008
ND	25.0	1	02/19/24	02/19/24	
ND	50.0	1	02/19/24	02/19/24	
	107 %	50-200	02/19/24	02/19/24	
mg/kg	mg/kg	А	analyst: WF		Batch: 2408002
ND	20.0	1	02/19/24	02/19/24	
	Project Numb Project Manag Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Number:         2110           Project Manager:         Bret           FI-11A         E402155-08           E402155-08         Reporting           Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         20.0           group         group           mg/kg         mg/kg           MD         25.0           ND         50.0           ND         50.0           ND         50.0           MD         50.0           MD         50.0	Project Number:       21102-0001         Project Manager:       Brett Dennis         FI-11A         Result       Reporting         Result       Limit       Dilution         mg/kg       mg/kg       A         ND       0.0250       1         ND       20.00       1         mg/kg       mg/kg       A         ND       25.0       1         ND       50.0       1         ND       50.200       1         mg/kg       mg/kg       50-200	Project Number:       21102-0001         Project Manager:       Brett Dennis         FI-11A         E402155-08         Result       Limit       Dilution       Prepared         Mg/kg       mg/kg       Analyst:       Prepared         mg/kg       mg/kg       Analyst:       Prepared         MD       0.0250       1       02/19/24         ND       0.0250       1       02/19/24         MD       20.0       1       02/19/24         MD       20	Project Number:       21102-0001         Project Manager:       Brett Dennis         FI-11A         F402155-08         F402155-08         Reporting         Result       Limit       Dilution       Prepared       Analyzed         mg/kg       mg/kg       Analyst: BA         ND       0.0250       1       02/19/24       02/19/24         MD       20.0       1       02/19/24       02/19/24         MD       20.0       1       02/19/24       02/19/24         MD       25.0       1



## Sample Data

	5	ample D	ลเล			
Targa	Project Name:	: 6842	2 Topaz Lateral			
12600 WCR 91	Project Numb	er: 2110	02-0001		Reported:	
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/20/2024 2:32:26PM
		Fl- 12A				
		E402155-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		102 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	



## Sample Data

	0	ample D	ala			
Targa 12600 WCR 91	Project Name		2 Topaz Late 02-0001	<b>Reported:</b> 2/20/2024 2:32:26PM		
Midland TX, 79707	Project Numb Project Mana		t Dennis			
	Floject Malia	igei. Diei	t Dennis			2/20/2024 2.52.201 W
		Fl- 13A				
		E402155-10				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepare	ed Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2408004
Benzene	ND	0.0250	1	02/19/2	24 02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/2	24 02/19/24	
Toluene	ND	0.0250	1	02/19/2	24 02/19/24	
o-Xylene	ND	0.0250	1	02/19/2	24 02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/2	24 02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/2	24 02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	02/19/2	24 02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/2	24 02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	02/19/2	24 02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/2	24 02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/2	24 02/19/24	
Surrogate: n-Nonane		105 %	50-200	02/19/2	24 02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF		Batch: 2408002
Chloride	ND	20.0	1	02/19/2	24 02/19/24	



## **Sample Data**

	2	bample D	ลเล			
Targa	Project Name	e: 684	2 Topaz Later			
12600 WCR 91	Project Num	ber: 211	02-0001		Reported:	
Midland TX, 79707	Project Mana	ager: Bret	tt Dennis			2/20/2024 2:32:26PM
		Fl- 14A				
		E402155-11				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		104 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: WF		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	



## **Sample Data**

		bample D	ลเล			
Targa	Project Name	e: 6842	2 Topaz Late			
12600 WCR 91	Project Num	ber: 2110	02-0001		Reported:	
Midland TX, 79707	Project Mana	ager: Bret	t Dennis			2/20/2024 2:32:26PM
		Fl- 15A				
		E402155-12				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Α	analyst: BA		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
o-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: BA		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		105 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	



# Sample Data

	D.	ampic D	ala			
Targa	Project Name:		2 Topaz Lateral			
12600 WCR 91	Project Numbe		02-0001	Reported:		
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/20/2024 2:32:26PM
		Fl- 16A				
		E402155-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		106 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: WF		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	
Chloride	ND	20.0	1	02/19/24	02/19/24	



## Sample Data

	5	ample D	ala				
Targa	Project Name:	: 6842	2 Topaz Late				
12600 WCR 91	Project Numb	er: 2110	02-0001	Reported:			
Midland TX, 79707	Project Manag	ger: Bret	t Dennis				2/20/2024 2:32:26PM
		W -2A					
		E402155-14					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	I	Analyst: BA	A		Batch: 2408004
Benzene	ND	0.0250	1		02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1		02/19/24	02/19/24	
Toluene	ND	0.0250	1		02/19/24	02/19/24	
p-Xylene	ND	0.0250	1		02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1		02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1		02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130		02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: BA	A		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1		02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130		02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: KM			Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1		02/19/24	02/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1		02/19/24	02/19/24	
Surrogate: n-Nonane		104 %	50-200		02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: W	F		Batch: 2408002
Chloride	ND	20.0	1		02/19/24	02/19/24	



## Sample Data

	5	ample D	ala			
Targa	Project Name	: 6842	2 Topaz Lateral			
12600 WCR 91	Project Numb	ber: 2110	02-0001		Reported:	
Midland TX, 79707	Project Mana	ger: Bret	t Dennis			2/20/2024 2:32:26PM
		W -4A				
		E402155-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/24	02/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		103 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	



# Sample Data

	D		aca			
Targa	Project Name	: 6842	2 Topaz Lateral			
12600 WCR 91	Project Numb	ber: 2110	02-0001	Reported:		
Midland TX, 79707	Project Mana	ger: Bret	t Dennis	2/20/2024 2:32:26PM		
		W -5A				
		E402155-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Total Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	82.1	25.0	1	02/19/24	02/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		91.3 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2408002
Chloride	27.1	20.0	1	02/19/24	02/19/24	



## Sample Data

	25	ample D	ลเล			
Targa	Project Name:		2 Topaz Lateral			
12600 WCR 91	Project Numbe		02-0001			Reported:
Midland TX, 79707	Project Manag	ger: Bret	t Dennis			2/20/2024 2:32:26PM
		W -7A				
		E402155-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2408004
Benzene	ND	0.0250	1	02/19/24	02/19/24	
Ethylbenzene	ND	0.0250	1	02/19/24	02/19/24	
Toluene	ND	0.0250	1	02/19/24	02/19/24	
p-Xylene	ND	0.0250	1	02/19/24	02/19/24	
o,m-Xylene	ND	0.0500	1	02/19/24	02/19/24	
Fotal Xylenes	ND	0.0250	1	02/19/24	02/19/24	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2408004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/24	02/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	02/19/24	02/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2408008
Diesel Range Organics (C10-C28)	196	25.0	1	02/19/24	02/19/24	
Dil Range Organics (C28-C36)	110	50.0	1	02/19/24	02/19/24	
Surrogate: n-Nonane		93.4 %	50-200	02/19/24	02/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2408002
Chloride	ND	20.0	1	02/19/24	02/19/24	



# **QC Summary Data**

		QC D	u	in y Dut					
Targa 12600 WCR 91		Project Name: Project Number:		342 Topaz Lat 102-0001	eral				Reported:
Midland TX, 79707		Project Manager:	Br	rett Dennis					2/20/2024 2:32:26PM
		Volatile Organics by EPA 8021B							Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2408004-BLK1)							Prepared: 0	2/19/24 A	analyzed: 02/19/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.3	70-130			
LCS (2408004-BS1)							Prepared: 0	2/19/24 A	analyzed: 02/19/24
Benzene	4.94	0.0250	5.00		98.8	70-130			
Ethylbenzene	4.82	0.0250	5.00		96.4	70-130			
Toluene	4.94	0.0250	5.00		98.7	70-130			
o-Xylene	4.90	0.0250	5.00		97.9	70-130			
p,m-Xylene	9.88	0.0500	10.0		98.8	70-130			
Total Xylenes	14.8	0.0250	15.0		98.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			
Matrix Spike (2408004-MS1)				Source:	E402155-	10	Prepared: 0	2/19/24 A	analyzed: 02/19/24
Benzene	4.96	0.0250	5.00	ND	99.2	54-133			
Ethylbenzene	4.84	0.0250	5.00	ND	96.8	61-133			
Toluene	4.96	0.0250	5.00	ND	99.2	61-130			
o-Xylene	4.90	0.0250	5.00	ND	98.0	63-131			
p,m-Xylene	9.92	0.0500	10.0	ND	99.2	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			
Matrix Spike Dup (2408004-MSD1)				Source:	E402155-	10	Prepared: 0	2/19/24 A	analyzed: 02/19/24
Benzene	4.61	0.0250	5.00	ND	92.1	54-133	7.40	20	
Ethylbenzene	4.49	0.0250	5.00	ND	89.8	61-133	7.55	20	
Toluene	4.60	0.0250	5.00	ND	92.1	61-130	7.49	20	
			5.00	ND	90.8	63-131	7.68	20	
o-Xylene	4.54	0.0250	5.00	ND	90.8	05 151	/100	20	
o-Xylene p,m-Xylene	4.54 9.19	0.0250 0.0500	10.0	ND	90.8 91.9	63-131	7.64	20	
•									



# **OC Summary Data**

		QC D	umme	ii y Data	и				
Targa 12600 WCR 91		Project Name: Project Number:	21	842 Topaz Lat 1102-0001	eral				Reported:
Midland TX, 79707		Project Manager	: B	rett Dennis					2/20/2024 2:32:26PM
	Noi	nhalogenated (	Organics	by EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2408004-BLK1)							Prepared: 02	2/19/24 A	nalyzed: 02/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			
LCS (2408004-BS2)							Prepared: 02	2/19/24 A	nalyzed: 02/19/24
Gasoline Range Organics (C6-C10)	37.4	20.0	50.0		74.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			
Matrix Spike (2408004-MS2)				Source:	E402155-	10	Prepared: 02	2/19/24 A	nalyzed: 02/19/24
Gasoline Range Organics (C6-C10)	39.5	20.0	50.0	ND	79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			
Matrix Spike Dup (2408004-MSD2)				Source:	E402155-	10	Prepared: 02	2/19/24 A	nalyzed: 02/19/24
Gasoline Range Organics (C6-C10)	39.2	20.0	50.0	ND	78.4	70-130	0.895	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			



## **QC Summary Data**

		QU D	u	ary Data	4				
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:	2	842 Topaz Late 1102-0001 Brett Dennis	eral				<b>Reported:</b> 2/20/2024 2:32:26PM
	Nonh	alogenated Org	anics by	EPA 8015E	- DRO	/ORO			Analyst: KM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2408008-BLK1)							Prepared: 02	2/19/24 A	Analyzed: 02/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.0		50.0		104	50-200			
LCS (2408008-BS1)							Prepared: 02	2/19/24 A	Analyzed: 02/19/24
Diesel Range Organics (C10-C28)	243	25.0	250		97.3	38-132			
Surrogate: n-Nonane	49.5		50.0		99.1	50-200			
Matrix Spike (2408008-MS1)				Source:	E402155-	03	Prepared: 02	2/19/24 A	Analyzed: 02/19/24
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	48.1		50.0		96.3	50-200			
Matrix Spike Dup (2408008-MSD1)				Source:	E402155-	03	Prepared: 02	2/19/24 A	Analyzed: 02/19/24
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132	2.37	20	
Surrogate: n-Nonane	49.7		50.0		99.3	50-200			



## **QC Summary Data**

		$\chi \sim \sim$			•				
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:	,	6842 Topaz Late 21102-0001 Brett Dennis	eral				<b>Reported:</b> 2/20/2024 2:32:26Pt
		Anions	by EPA	300.0/9056A					Analyst: WF
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2408002-BLK1)							Prepared: 0	2/19/24	Analyzed: 02/19/24
Chloride	ND	20.0							
LCS (2408002-BS1)							Prepared: 0	2/19/24	Analyzed: 02/19/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2408002-MS1)				Source: 1	Prepared: 0	2/19/24	Analyzed: 02/19/24		
Chloride	272	20.0	250	ND	109	80-120			
Matrix Spike Dup (2408002-MSD1)				Source: 1	E402155-	02	Prepared: 0	2/19/24	Analyzed: 02/19/24
Chloride	271	20.0	250	ND	108	80-120	0.238	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.



Targa	Project Name:	6842 Topaz Lateral	
12600 WCR 91	Project Number:	: 21102-0001	Reported:
Midland TX, 79707	Project Manager	r: Brett Dennis	02/20/24 14:32

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.

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lient: roject: roject Mar ddress:	nager:	Targa Reso <b>1 2_ 7</b> 00 Brett D 20 W. Mar	ennis	Ac	Bill To tention: Amber Groves dress: 201 S 4th St. y, State, Zip: Artesia, NM		Lab U Lab WO# E 402/55			5	Job ZII(	Numt	oer D d Metho	1D X	2D	TA 3D	T Standard	EPA F CWA	Program SDWA RCRA
ty, State, I hone:	Zip: nis@tasm s@tasmar	Hobbs, NN an-geo.com; cf I-geo.com; kno	1 88240 lores@tasma	Pr <u>geo.com;</u> *F	one: nail: agroves@targaresou O Pending*	Parata		FPH GRO/DRO/ORO by 3015	BTEX by 8021	VOC by 8260		Chloride 300.0		WN		TX		State	
ime Sampled	Date Sample	d Matrix	No. of Containers	Sample ID		Lab Number		TPH GI 8015	BTEX b	VOC by	Metals 6010	Chloric		BGDOC		GDOC		Remark	1000
0845	2.160	24	1		-1-4A	l		X	X			X							
0850	1		١	1	F1-5A	2		X	X			X							
0855					F1-6A	3		X	X			X							
0900			1		FI-7A	4		X	X			X							
0905			1		F1-8A	5		X	X			X							
0910			1		F1-9A	6		X	X			X							
0915			1		FI-loa	7		X	X			X							
0920			١		F)- 11A	в		X	X			X							
0925			1		FI- 12A	9		X	X			X							
0930	V		۱		F1-13A	10		X	X			X							
Additional	Instruc	tions:																	
ate or time of	collection	is considered		y of this sample. I am aware to be grounds for legal action.	hat tampering with or intentionally mislabel Sampled by:	ing the sample lo	cation,							ip above (	0 but les	ss than 6	eived on ice the da °C on subsequent		ed or received
elinguished	X		Dete	16.24	Received by: (Signature) Received by: (Signature)	Date Date		Time			Rece	eived	on ice:	1.1.1	ab Us )/N	se Onl	y		
	10	int	Date	<u>1624</u> 1630 Time	Received by: (Signature)	Date	24	Ole Time	230	)	<u>T1</u>			T2 4			<u> </u>		
ample Matrix:	S - Soil, S	d - Solid, <b>Sg</b> - Sl	udge, <b>A</b> - Aqu	eous, <b>0</b> - Other		Containe	r Type	e: g - g	glass,	<b>p</b> - p	-	Tem astic,		l per glas	ss, v -	VOA			
					r arrangements are made. Hazardous n this COC. The liability of the laborator							ort.							
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client:		Та	rga Reso	urces		Bill To		120-6	1	L	_ab U	se Or	nly		000			TAT	r		EPA	Program
Project: Project Ma Address:	nage	er:	Brett De		TERAL	Attention:Amber GrovesAddress:201 S 4th St.City, State, Zip: Artesia, NM		Lab Eu	WO#	ŧ		Job 210	Num		1.5	1D X	2D :	3D	Sta	indard	CWA	
City, State, hone: mail: Iflore eport due	nis@t s@ta	asman-p		ores@tasmar		Phone: Email: agroves@targaresource *PO Pending*	<u>es.com</u>		FPH GRO/DRO/ORO by 3015	8021	8260					WN		TX		NM CO	State	
ime Sampled		ate npled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GR( 8015	BTEX by 8021	•VOC by 8260	Metals 6010	Chloride 300.0			BGDOC		GDOC			Remarl	(S
0935	2.	16:24		۱		FI-IHA	11		X	X	X	F	X									
0940				1		FI-ISA	12		X	X	X	Ľ	X									
0945				١		F1-1617	13		X	X	X		X									
0950				1		W-2A	14		X	X	X		X									
0955				1		W-4A	15		X	X	X		X									
1000				1		W-SA	16		X	×	*		X									
1005		Ý		١		W-71A	17	-	X	X	k.		4		_	_	_		+			N
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Additional	Inst	ructio	ns:					-		I												
date or time of	colle	tion is c	onsidered fr	aud and may	y of this sample. I am a be grounds for legal a		g the sample lo	cation								bove 0 l	but less	than 6 °	°C on su	n ice the day ubsequent da	- A	pled or receive
Relinquished Relinquished MM CU	by: (	Signatu	re) 🥖	Date	16.24 Time 16.24 161	Received by: (Signature) Received by: (Signature)	Date 2-16 Date 2/17		Time	33 137	0	Rec T1	eivec	d on ice			b Use / N	Only		T3		
Relinquished				Date	Time	Received by: (Signature)	Date		Time			Contract Contractor		np°C_	4							
Note: Sample	es are	discard	ded 30 day	s after resul	ng menang bergena ng tertakan di sa mana na sa	ss other arrangements are made. Hazardous sa bry with this COC. The liability of the laboratory i		retur	ned to	clier	nt or d	lispose	d of a	t the clie	ent ex	kpense	e. The	e repo				
						Page	29 of 30				E	11		e	n		/i	r	'C	>t	e	cł

#### **Envirotech Analytical Laboratory**

Printed: 2/17/2024 8:14:39AM

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#### Sample Receipt Checklist (SRC)

Client:	Targa	Date Received:	02/17/24 06:30	Work Order ID:	E402155
hone:	(432) 999-8675	Date Logged In:	02/16/24 16:02	Logged In By:	Alexa Michael
Email:	bdennis@tasman-geo.com	Due Date:	02/19/24 17:00 (0 day TAT)		

1. Does the sample ID match the COC?	Ycs	
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	
<ol> <li>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.</li> </ol>	Yes	Comments/Resolution
Sample Turn Around Time (TAT)		
6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	
Sample Cooler_		
7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
<ul> <li>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</li> <li>13. If no visible ice, record the temperature. Actual sample temperature: 4°C</li> </ul>	Yes	
	<b>Z</b>	
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? Date/Time Collected?	Yes Yes	
Collectors name?	Yes	
Sample Preservation	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	
Multiphase Sample Matrix		
26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	
Subcontract Laboratory		
28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA
Client Instruction		





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:

6842 Topaz Lateral

Work Order: E402192

21102-0001 Job Number:

> Received: 2/22/2024

> > Revision: 1

**Report Reviewed By:** 

Walter Hinchman Laboratory Director 2/23/24

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

Date Reported: 2/23/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 6842 Topaz Lateral Workorder: E402192 Date Received: 2/22/2024 5:30:00AM

Brett Dennis,



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Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/22/2024 5:30:00AM, under the Project Name: 6842 Topaz Lateral.

The analytical test results summarized in this report with the Project Name: 6842 Topaz 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

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Received by OCD: 6/25/2024 1:26:25 PM			Page 1	135 of 155
	Sample Sum	mary		
Targa	Project Name:	6842 Topaz Lateral	Demonteda	
12600 WCR 91	Project Number:	21102-0001	Reported:	
Midland TX, 79707	Project Manager:	Brett Dennis	02/23/24 11:53	

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
FL-9B	E402192-01A Solid	02/21/24	02/22/24	Glass Jar, 2 oz.
W-7B	E402192-02A Solid	02/21/24	02/22/24	Glass Jar, 2 oz.



		ampic D	uu				
Targa	Project Name:		2 Topaz La	teral			
12600 WCR 91	Project Numb		02-0001				Reported:
Midland TX, 79707	Project Manag	ger: Bret	t Dennis		2/23/2024 11:53:40AM		
		FL-9B					
		E402192-01					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	RKS		Batch: 2408069
Benzene	ND	0.0250		1	02/22/24	02/22/24	
Ethylbenzene	ND	0.0250		1	02/22/24	02/22/24	
Toluene	ND	0.0250		1	02/22/24	02/22/24	
o-Xylene	ND	0.0250		1	02/22/24	02/22/24	
o,m-Xylene	ND	0.0500		1	02/22/24	02/22/24	
Total Xylenes	ND	0.0250		1	02/22/24	02/22/24	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130		02/22/24	02/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2408069
Gasoline Range Organics (C6-C10)	ND	20.0		1	02/22/24	02/22/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130		02/22/24	02/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2408068
Diesel Range Organics (C10-C28)	44.3	25.0		1	02/22/24	02/22/24	
Dil Range Organics (C28-C36)	ND	50.0		1	02/22/24	02/22/24	
Surrogate: n-Nonane		102 %	50-200		02/22/24	02/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2408071
Chloride	ND	20.0		1	02/22/24	02/22/24	

# Sample Data



## Sample Data

52	ample D	ala			
Project Name:	6842	2 Topaz Lateral			
Project Numbe	er: 2110	02-0001			Reported:
Project Manag	er: Bret	t Dennis	2/23/2024 11:53:40AM		
	W-7B				
-	E402192-02				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst	:: RKS		Batch: 2408069
ND	0.0250	1	02/22/24	02/22/24	
ND	0.0250	1	02/22/24	02/22/24	
ND	0.0250	1	02/22/24	02/22/24	
ND	0.0250	1	02/22/24	02/22/24	
ND	0.0500	1	02/22/24	02/22/24	
ND	0.0250	1	02/22/24	02/22/24	
	95.1 %	70-130	02/22/24	02/22/24	
mg/kg	mg/kg	Analyst	:: RKS		Batch: 2408069
ND	20.0	1	02/22/24	02/22/24	
	94.5 %	70-130	02/22/24	02/22/24	
mg/kg	mg/kg	Analyst	:: NV		Batch: 2408068
32.9	25.0	1	02/22/24	02/22/24	
ND	50.0	1	02/22/24	02/22/24	
	103 %	50-200	02/22/24	02/22/24	
mg/kg	mg/kg	Analyst	:: DT		Batch: 2408071
32.0	20.0	1	02/22/24	02/22/24	
	Project Name: Project Numbe Project Manag Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name:         6842           Project Number:         2110           Project Manager:         Bret           Project Manager:         Bret           E402192-02         Reporting           Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         20.0           94.5 %         mg/kg           mg/kg         mg/kg           Mg/kg         50.0           ND         50.0           ND         50.0	Project Number:       21102-0001         Project Manager:       Brett Dennis         Result         Reporting         Result       Limit       Dilution         mg/kg       mg/kg       Analyst         ND       0.0250       1         ND       20.0       1         Mg/kg       mg/kg       Analyst         mg/kg       mg/kg       1         ND       50.0       1         ND       50.0       1         Mg/kg       Mg/kg       Analyst         mg/kg       mg/kg       Analyst         mg/kg       Mg/kg <td< td=""><td>Image: Control of the series of the</td><td>Project Name:         6842 Topaz Lateral           Project Namager:         21102-0001           Project Manager:         Brett Dennis           Brett Dennis           V-7B           E402192-02           Result         Image: Second Se</td></td<>	Image: Control of the series of the	Project Name:         6842 Topaz Lateral           Project Namager:         21102-0001           Project Manager:         Brett Dennis           Brett Dennis           V-7B           E402192-02           Result         Image: Second Se



# QC Summary Data

	QC D		i j Dau					
	Project Name: Project Number: Project Manager:	21	102-0001	eral				<b>Reported:</b> 2/23/2024 11:53:40AM
	Volatile O	rganics b	oy EPA 802	21B				Analyst: RKS
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	2/22/24	Analyzed: 02/22/24
ND	0.0250							
ND								
ND								
ND								
7.57		8.00		94.6	70-130			
						Prepared: 0	2/22/24	Analyzed: 02/22/24
3.69	0.0250	5.00		73.8	70-130			
3.87	0.0250	5.00		77.5	70-130			
3.81	0.0250	5.00		76.1	70-130			
3.84	0.0250	5.00		76.7	70-130			
7.84	0.0500	10.0		78.4	70-130			
11.7	0.0250	15.0		77.8	70-130			
7.68		8.00		96.0	70-130			
			Source:	E402194-	03	Prepared: 0	2/22/24	Analyzed: 02/22/24
4.53	0.0250	5.00	ND	90.7	54-133			
4.78	0.0250	5.00	ND	95.6	61-133			
4.70	0.0250	5.00	ND	93.9	61-130			
4.74	0.0250	5.00	ND	94.8	63-131			
9.64	0.0500	10.0	ND	96.4	63-131			
14.4	0.0250	15.0	ND	95.9	63-131			
7.63		8.00		95.4	70-130			
			Source:	E402194-	03	Prepared: 0	2/22/24	Analyzed: 02/22/24
4.98	0.0250	5.00	ND	99.7	54-133	9.48	20	
5.27	0.0250	5.00	ND	105	61-133	9.82	20	
5.17	0.0250	5.00	ND	103	61-130	9.53	20	
5.22	0.0250	5.00	ND	104	63-131	9.68	20	
10.6	0.0500	10.0	ND	106	63-131	9.56	20	
	ND ND ND ND ND ND ND 7.57 3.69 3.87 3.81 3.84 7.57 7.68 4.53 4.78 4.70 4.74 9.64 14.4 7.63 4.98 5.27 5.17	Project Name: Project Number: Project Manager:           Volatile O           Result mg/kg         Reporting Limit mg/kg           ND         0.0250           7.57	Project Name:         68           Project Number:         21           Project Manager:         Bit           Volatile Organics H           Result         Reporting mg/kg         Spike Level mg/kg           ND         0.0250           Saf9         0.0250           3.87         0.0250           3.81         0.0250           7.68         8.00           4.53         0.0250           4.78         0.0250           9.64         0.0500           9.64         0.0500           14.4         0.0250           5.00      5.17 <t< td=""><td>Project Name:         6842 Topaz Lat           Project Number:         21102-0001           Project Manager:         Brett Dennis           Volatile Organics by EPA 802           Result         Spike         Source           mg/kg         mg/kg         mg/kg         mg/kg           ND         0.0250         ND           ND         0.0250         Source           3.69         0.0250         5.00           3.81         0.0250         5.00           3.84         0.0250         5.00           7.68         8.00         ND           4.53         0.0250         5.00         ND           4.74         0.0250         5.00         ND           4.78         0.0250</td><td>Project Number:         21102-0001           Project Manager:         Brett Dennis           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec           mg/kg         mg/kg         mg/kg         mg/kg         mg/kg         mg/kg           ND         0.0250         mg/kg         mg/kg         mg/kg         mg/kg           ND         0.0250         ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250         7.57         8.00         94.6           3.69         0.0250         5.00         77.5         3.81         0.0250         76.1           3.81         0.0250         5.00         76.1         78.4         11.7         0.0250         7.7.8           7.68         8.00         96.0         78.4         11.7         0.0250         5.00         76.7           4.53         0.0250         5.00         ND         96.0         77.8           7.68         8.00         96.0         77.8         77.8           7.68         0.0250         5.00         ND         93.9           4.74&lt;</td><td>Project Name:         6842 Topaz Lateral           Project Number:         21102-0001           Project Manager:         Brett Dennis           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec         Limits           MD         0.0250         mg/kg         mg/kg         %         %           ND         0.0250         ND         0.0250         %           ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250           ND         0.0250         5.00         77.5           3.69         0.0250         5.00         76.1           3.81         0.0250         5.00         76.7           3.84         0.0250         5.00         77.8           7.68         8.00         90.7         54-133           4.53         0.0250         5.00         ND         90.7           7.68         8.00         ND         90.7         54-133           4.73</td><td>Project Name:         6842 Topaz Lateral           Project Number:         21102-0001           Project Manager:         Brett Dennis           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec         Limit         RPD           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %           ND         0.0250         ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250         Prepared: 0           ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250           ND         0.0250         5.00         77.5         70-130           3.81         0.0250         5.00         76.7         70-130           3.84         0.0250         5.00         76.7         70-130           7.68         8.00         96.0         70-130           7.68         8.00         96.0         70-130           7.63         8.00         95.6         61-133</td><td>Project Name:         6842 Topaz Lateral Project Manager:         Brett Dennis           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec Mg/g         Rec %         Rec %         RPD %         RPD Limit           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %         %           ND         0.0250         ND         0.0250         ND         0.0250         Prepared:         02/22/24 /           ND         0.0250         ND         0.0250         Prepared:         02/22/24 /           ND         0.0250         ND         0.0250         Prepared:         02/22/24 /           3.69         0.0250         5.00         77.5         70.130         Prepared:         02/22/24 /           3.69         0.0250         5.00         77.5         70.130         Prepared:         02/22/24 /           3.69         0.0250         5.00         77.5         70.130         Prepared:         02/22/24 /           3.69         0.0250         5.00         77.8         70.130         Prepared:         02/22/24 /           3.69         0.0250         5.00         77.8</td></t<>	Project Name:         6842 Topaz Lat           Project Number:         21102-0001           Project Manager:         Brett Dennis           Volatile Organics by EPA 802           Result         Spike         Source           mg/kg         mg/kg         mg/kg         mg/kg           ND         0.0250         ND           ND         0.0250         Source           3.69         0.0250         5.00           3.81         0.0250         5.00           3.84         0.0250         5.00           7.68         8.00         ND           4.53         0.0250         5.00         ND           4.74         0.0250         5.00         ND           4.78         0.0250	Project Number:         21102-0001           Project Manager:         Brett Dennis           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec           mg/kg         mg/kg         mg/kg         mg/kg         mg/kg         mg/kg           ND         0.0250         mg/kg         mg/kg         mg/kg         mg/kg           ND         0.0250         ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250         7.57         8.00         94.6           3.69         0.0250         5.00         77.5         3.81         0.0250         76.1           3.81         0.0250         5.00         76.1         78.4         11.7         0.0250         7.7.8           7.68         8.00         96.0         78.4         11.7         0.0250         5.00         76.7           4.53         0.0250         5.00         ND         96.0         77.8           7.68         8.00         96.0         77.8         77.8           7.68         0.0250         5.00         ND         93.9           4.74<	Project Name:         6842 Topaz Lateral           Project Number:         21102-0001           Project Manager:         Brett Dennis           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec         Limits           MD         0.0250         mg/kg         mg/kg         %         %           ND         0.0250         ND         0.0250         %           ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250           ND         0.0250         5.00         77.5           3.69         0.0250         5.00         76.1           3.81         0.0250         5.00         76.7           3.84         0.0250         5.00         77.8           7.68         8.00         90.7         54-133           4.53         0.0250         5.00         ND         90.7           7.68         8.00         ND         90.7         54-133           4.73	Project Name:         6842 Topaz Lateral           Project Number:         21102-0001           Project Manager:         Brett Dennis           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec         Limit         RPD           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %           ND         0.0250         ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250         Prepared: 0           ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250           ND         0.0250         5.00         77.5         70-130           3.81         0.0250         5.00         76.7         70-130           3.84         0.0250         5.00         76.7         70-130           7.68         8.00         96.0         70-130           7.68         8.00         96.0         70-130           7.63         8.00         95.6         61-133	Project Name:         6842 Topaz Lateral Project Manager:         Brett Dennis           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec Mg/g         Rec %         Rec %         RPD %         RPD Limit           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %         %           ND         0.0250         ND         0.0250         ND         0.0250         Prepared:         02/22/24 /           ND         0.0250         ND         0.0250         Prepared:         02/22/24 /           ND         0.0250         ND         0.0250         Prepared:         02/22/24 /           3.69         0.0250         5.00         77.5         70.130         Prepared:         02/22/24 /           3.69         0.0250         5.00         77.5         70.130         Prepared:         02/22/24 /           3.69         0.0250         5.00         77.5         70.130         Prepared:         02/22/24 /           3.69         0.0250         5.00         77.8         70.130         Prepared:         02/22/24 /           3.69         0.0250         5.00         77.8



# **QC Summary Data**

		QC D	umme	ii y Data	4				
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:	21	842 Topaz Late 1102-0001 rett Dennis	eral				<b>Reported:</b> 2/23/2024 11:53:40AM
	Nor	halogenated (			15D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Anaryst. RCG
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2408069-BLK1)							Prepared: 0	2/22/24 <i>I</i>	Analyzed: 02/22/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			
LCS (2408069-BS2)							Prepared: 0	2/22/24 <i>A</i>	Analyzed: 02/22/24
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0		96.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130			
Matrix Spike (2408069-MS2)				Source:	E402194-(	03	Prepared: 0	2/22/24 A	Analyzed: 02/22/24
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			
Matrix Spike Dup (2408069-MSD2)				Source:	E402194-0	03	Prepared: 0	2/22/24 A	Analyzed: 02/23/24
Gasoline Range Organics (C6-C10)	54.2	20.0	50.0	ND	108	70-130	13.5	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.99		8.00		99.9	70-130			



## **QC Summary Data**

		QC D	u	ary Data	a				
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:	2	842 Topaz Late 1102-0001 Brett Dennis	eral				<b>Reported:</b> 2/23/2024 11:53:40AM
	Nonh	alogenated Org	anics by	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2408068-BLK1)							Prepared: 0	2/22/24 <i>I</i>	Analyzed: 02/22/24
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	55.3		50.0		111	50-200			
LCS (2408068-BS1)							Prepared: 0	2/22/24 A	Analyzed: 02/22/24
Diesel Range Organics (C10-C28)	241	25.0	250		96.5	38-132			
Surrogate: n-Nonane	53.0		50.0		106	50-200			
Matrix Spike (2408068-MS1)				Source:	E402193-	03	Prepared: 0	2/22/24 A	Analyzed: 02/22/24
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	54.2		50.0		108	50-200			
Matrix Spike Dup (2408068-MSD1)				Source:	E402193-	03	Prepared: 0	2/22/24 A	Analyzed: 02/22/24
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132	2.36	20	
Surrogate: n-Nonane	55.3		50.0		111	50-200			



## **QC Summary Data**

		$\mathbf{x} \in \mathbf{z}$		ary Date	•					
Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:		6842 Topaz Late 21102-0001 Brett Dennis	eral				<b>Reported:</b> 2/23/2024 11:53:44	0AM
		, ,		300.0/9056A					Analyst: DT	-
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2408071-BLK1)							Prepared:	02/22/24	Analyzed: 02/22/24	4
Chloride	ND	20.0								
LCS (2408071-BS1)							Prepared:	02/22/24	Analyzed: 02/22/24	4
Chloride	248	20.0	250		99.2	90-110				
Matrix Spike (2408071-MS1)				Source: l	E402192-0	02	Prepared:	02/22/24	Analyzed: 02/22/24	4
Chloride	285	20.0	250	32.0	101	80-120				
Matrix Spike Dup (2408071-MSD1)				Source: l	E402192-0	02	Prepared:	02/22/24	Analyzed: 02/22/24	4
Chloride	280	20.0	250	32.0	99.2	80-120	1.69	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.



Targa	Project Name:	6842 Topaz Lateral	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	02/23/24 11:53

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.



Reproject Information

Robroject In	nformation				Chain o	f Custody												Pag	e1	of2
Client: Project:		Targa Re 6842 T	esources Topaz Late Dennis	eral	Bill To Attention: Amber Groves Address: 201 South 4th St.		Lab E 4	wo#			se On Job 21		ber 2- 00	01	1D .	2D	TA 3D	r Standard	EPA P CWA	rogram SDWA
City, Sta hone:	2620 W. M te, Zip Hob odennins@1	bs, NM 8	88240		City, State, Zip: Artesia, New Mexico Phone: Email:agroves@targaresources.com *PO Pending*			TPH GRO/DRO/ORO by 8015			Analy	/sis a	nd Me	thod	WN		ΧĽ		State UT AZ	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GRO 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Hold		BGDOC		GDOC	_×	Remarks	
÷ 0900	2.21.24	S	1		FL-9B	1		Х	х			х								
₹ 0910	2.21.24	S	1		W-7B	2		x	х			x								
Additior	nal Instructi	ons:																		
12505 X				ity of this sample. I an ay be grounds for legal	n aware that tampering with or intentionally mislabellin action. <u>Sampled by:</u>	g the sample I	ocatio	n,			100000000000000000000000000000000000000							ived on ice the day C on subsequent da		ed or received
Relinquish	ed by: (Signat	ure)	Date 2. Date	21-24 13	Received by: (Signature) High Chille Received by: (Signature) 45 i Andrew Hyse	Date 2-2(-2 Date 2.21		Time	35;		Reco	eivec	l on ic		Y	b Use Y N	e Only			
Relinquish	red by: (Signat	1850	10	Time	45 i Andrew Muss Received by: (Signature) 500 hupp & Hall	Date 2-22 Containe	-24	Time	53	0		_	np °C_	4	T2	s v - V	/04	<u> </u>		
Note: Sam	ples are disca	rded 30 da	ys after resu	ults are reported un	less other arrangements are made. Hazardous sitory with this COC. The liability of the laboratory	amples will b	e retu	urned t	o clier	nt or o	dispose	ed of a						ort for the analy	sis of the al	pove
-					Page	12 of 13				(	3	(	e	n		/ i	r	ot	e	ch

## **Envirotech Analytical Laboratory**

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Sample Receipt Checklist (SRC)

Client:	Targa	Date Received:	02/22/24	05:30	Work Order ID:	E402192
Phone:	(432) 999-8675	Date Logged In:	02/21/24	15:51	Logged In By:	Alexa Michaels
Email:	bdennis@tasman-geo.com	Due Date:	02/22/24	17:00 (0 day TAT)		
<u>Chain of</u>	Custody (COC)					
1. Does t	the sample ID match the COC?		Yes			
	the number of samples per sampling site location mate	ch the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes		Comment	s/Resolution
Sample 1	Turn Around Time (TAT)					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (	Cooler					
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes <u>C</u>			
Sample (	Container_					
14. Are a	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	a trip blank (TB) included for VOC analyses?		NA			
18. Are n	on-VOC samples collected in the correct containers?		Yes			
19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Field La	<u>bel</u>					
20. Were	field sample labels filled out with the minimum infor	mation:				
	ample ID?		Yes			
	Date/Time Collected? Collectors name?		Yes			
-	Preservation		Yes			
	the COC or field labels indicate the samples were pro-	eserved?	No			
	ample(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved mo	etals?	No			
	ase Sample Matrix					
-	the sample have more than one phase, i.e., multiphas	e?	No			
	the sample nave more than one phase, i.e., multiphase, does the COC specify which phase(s) is to be analyzed		NA			
			114			
	ract Laboratory		N-			
	amples required to get sent to a subcontract laborator,		No Na	Cube entry of Table XTA		
27. was a	a subcontract laboratory specified by the client and if	50 WILO?	NA	Subcontract Lab: NA		

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

.

Date

envirotech Inc.

Appendix E – NMSLO Seed Mixture

# **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/acr	e 17.75		

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

• VNS, Southern – No Variety Stated, seed should be from a southern latitude collection of this species.

• Double above seed rates for broadcast or hydroseeding.

• If Parry penstemon is not available, substitute firecracker penstemon.

• If desert globemallow is not available, substitute scarlet globemallow or Nelson globemallow.

• If a species is not available, provide a suggested substitute to the New Mexico Land Office for approval. Increasing all other species proportionately may be acceptable.



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

QUESTIONS

Action 357368

QUESTIONS					
Operator:	OGRID:				
Targa Northern Delaware, LLC.	331548				
110 W. 7th Street, Suite 2300	Action Number:				
Tulsa, OK 74119	357368				
	Action Type:				
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)				

#### QUESTIONS

ID (n#)	
1D (II#)	nAPP2324144714
Name	NAPP2324144714 TOPAZ LATERAL @ 0
Туре	Natural Gas Release
Status F	Reclamation Report Received

#### Location of Release Source

Please answer all the questions in this group.					
Site Name	TOPAZ LATERAL				
Date Release Discovered	08/24/2023				
Surface Owner	State				

#### Incident Details

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

#### Nature and Volume of Release

Aaterial(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.						
Crude Oil Released (bbls) Details	Not answered.					
Produced Water Released (bbls) Details	Not answered.					
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.					
Condensate Released (bbls) Details	Cause: High Line Pressure   Pipeline (Any)   Condensate   Released: 1 BBL   Recovered: 0 BBL   Lost: 1 BBL.					
Natural Gas Vented (Mcf) Details	Not answered.					
Natural Gas Flared (Mcf) Details	Not answered.					
Other Released Details	Not answered.					
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.					

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

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QUESTIONS, Page 2

Action 357368

**QUESTIONS** (continued) Operator: OGRID: Targa Northern Delaware, LLC. 331548 110 W. 7th Street, Suite 2300 Action Number: Tulsa, OK 74119 357368 Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

L.

lature and Volume of Release (continued)						
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.					
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.					
Reasons why this would be considered a submission for a notification of a major release	Unavailable.					
Vith 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 s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby arree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist

Email: agroves@targaresources.com

Date: 06/25/2024

I hereby agree and sign off to the above statement

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

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QUESTIONS, Page 3

Action 357368

**QUESTIONS** (continued) Operator: OGRID: Targa Northern Delaware, LLC. 331548 110 W. 7th Street, Suite 2300 Action Number: Tulsa, OK 74119 357368 Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date. area affected by th at depth to groupdwater beneath the What is the aball

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	Between 1 and 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	Greater than 5 (mi.)
A wetland	Between 1 and 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

	nlen ennung with this submission	
1 0	plan approval with this submission	Yes
	,	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertica	al extents of contamination been fully delineated	Yes
Was this release entirely c	ontained 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 CI B)	98.4
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	2278
GRO+DRO	(EPA SW-846 Method 8015M)	2278
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
	VMAC unless the site characterization report includes complete	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NM
which includes the anticipated tim	nelines for beginning and completing the remediation.	
	nelines for beginning and completing the remediation. Ill the remediation commence	01/29/2024
On what estimated date wi		
On what estimated date wi On what date will (or did) th	ill the remediation commence	01/29/2024
On what estimated date wi On what date will (or did) th On what date will (or was)	ill the remediation commence he final sampling or liner inspection occur	01/29/2024 02/16/2024
On what estimated date wi On what date will (or did) th On what date will (or was) What is the estimated surfa	ill the remediation commence he final sampling or liner inspection occur the remediation complete(d)	01/29/2024 02/16/2024 02/16/2024
On what estimated date wi On what date will (or did) th On what date will (or was) What is the estimated surfa What is the estimated volu	Ill the remediation commence he final sampling or liner inspection occur the remediation complete(d) ace area (in square feet) that will be reclaimed	01/29/2024 02/16/2024 02/16/2024 7329
On what estimated date wi On what date will (or did) th On what date will (or was) What is the estimated surfa What is the estimated volum What is the estimated surfa	ill the remediation commence he final sampling or liner inspection occur the remediation complete(d) ace area (in square feet) that will be reclaimed me (in cubic yards) that will be reclaimed	01/29/2024 02/16/2024 02/16/2024 7329 1176

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

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

QUESTIONS, Page 4

Action 357368

QUESTIONS (continued)	
Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	357368
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-y-Reclamation)

#### QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	LAZY ACE LANDFARM [fEEM0420827553]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No	
(In Situ) Soil Vapor Extraction	No	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No	
Ground Water Abatement pursuant to 19.15.30 NMAC	No	
OTHER (Non-listed remedial process)	Not answered.	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efi which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	showledge and understand that pursuant to OCD rules and regulations all operators are required tases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface i does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 06/25/2024	

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

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

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QUESTIONS, Page 5

Action 357368

QUESTIONS (continued)	
Operator: Targa Northern Delaware, LLC.	OGRID: 331548
110 W. 7th Street, Suite 2300 Tulsa, OK 74119	Action Number: 357368
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)
QUESTIONS	

## Deferral Requests Only

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

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

QUESTIONS, Page 6

Action 357368

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	357368
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS** (continued)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	310808
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/06/2024
What was the (estimated) number of samples that were to be gathered	29
What was the sampling surface area in square feet	3821

**Remediation Closure Request** 

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	7239	
What was the total volume (cubic yards) remediated	1176	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	7239	
What was the total volume (in cubic yards) reclaimed	1176	
Summarize any additional remediation activities not included by answers (above)	Please see the attached closure report.	
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of	
to report and/or file certain release notifications and perform corrective actions for relea- the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 repor	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or ially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ing notification to the OCD when reclamation and re-vegetation are complete.	

I hereby agree and sign off to the above statement	Name: Amber Groves
	Title: Environmental Specialist
	Email: agroves@targaresources.com
	Date: 06/25/2024

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

QUESTIONS, Page 7

Action 357368

QUESTIONS (contin	nued)
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Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	357368
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### QUESTIONS

Reclamation Report					
Only answer the questions in this group if all reclamation steps have been completed.					
Requesting a reclamation approval with this submission	Yes				
What was the total reclamation surface area (in square feet) for this site	7239				
What was the total volume of replacement material (in cubic yards) for this site	1176				
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 ng/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable materia o establish vegetation at the site, whichever is greater.					
Is the soil top layer complete and is it suitable material to establish vegetation	Yes				
On what (estimated) date will (or was) the reseeding commence(d)	09/01/2024				
Summarize any additional reclamation activities not included by answers (above)	Please see the attached closure report.				
ne responsible party must alloch information demonstrating they have complete with an applicable reviamation requirements and any complete to directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.					
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 ocal laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. I hereby agree and sign off to the above statement I hereby agree and sign off to the above statement					
	Date: 06/25/2024				

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

QUESTIONS, Page 8

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Action 357368

**QUESTIONS** (continued) Operator: OGRID: Targa Northern Delaware, LLC. 331548 110 W. 7th Street, Suite 2300 Action Number Tulsa, OK 74119 357368 Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### QUESTIONS

Revegetation Report

Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied

Requesting a restoration complete approval with this submission

No Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.

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

CONDITIONS

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	357368
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### CONDITIONS

Created By		Condition Date
nvelez	None	8/19/2024

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