LEAK #58
Remediation Action Plan

NMOCD Incident No. nAPP2424237514
UL "H", Sec. 6, T22S, R37E
32.422348 -103.19806
Lea, New Mexico

January 21, 2025

PREPARED ON BEHALF OF

Targa Resources
201 South 4th Street
Artesia, NM 88210

PREPARED BY

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

TASMAN

January 21, 2025

Targa Resources
201 South 4th Street
Artesia, NM 88210

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

Re: Remediation Action Plan
Leak #58
UL "H", Section 6, Township 22 South, Range 37 East
Lea County, New Mexico
NMOCD Incident No. nAPP2424237514
Tasman Project No. 8341

Dear Ms. Groves,

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

Tasman conducted initial assessment activities, identifying an approximately 1,986 square foot area that had been impacted by the release. The release area was then vertically, and horizontally delineated. Based on laboratory analytical results from soil samples collected during assessment sampling activities, impacted soil within the release area have been delineated to the applicable NMOCD Action Level. Additional project details are provided in the attached Remediation Action Plan.

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

Sincerely,
Tasman, Inc.

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

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

TASMAN

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1.0 INTRODUCTION

Tasman, Inc. (Tasman) is pleased to submit this Remediation Action Plan for the Leak #58 (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 "H" of Section 6, Township 22 South, Range 37 East in Lea County, New Mexico. The release occurred from the Targa owned and operated natural gas pipeline on private property.

1.2 Release Detail and Initial Response

On August 28, 2024, a steel pipeline was discovered by Targa personnel to have failed due to corrosion. On August 29, 2024, Targa provided notice of release to the NMOCD portal and on September 6, 2024, an Initial C-141 was submitted. The release resulted in the loss of approximately 51 bbls of condensate to the surrounding environmental media, with approximately 38 bbls recovered. Targa personnel shut in the pipeline to isolate the release. The line was later repaired and returned to service.

A copy 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. POD CP 02008, a soil bore installed in July 2024, is located approximately 0.96 northwest of the site. CP 02008 was installed to a depth of 105 feet below ground surface (bgs) with no measured presence of groundwater. USGS well 322442103105701 is located 0.94 miles southeast of the site. Depth to groundwater was measured in the USGS well at 72 feet bgs in 2016. Although depth to data was not available within a half-mile radius of the site, he two locations described above are up and down topographical gradient of the site. Therefore, it can reasonably be assumed that groundwater is present beneath the site between the depths of 72 and 105 feet bgs.

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

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 is assumed to be USGS 322524103105701, located 0.82 miles from the site. Tasman did not visually confirm the presence or use of the well. The location of USGS 322524103105701 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 wetland, identified as riverine, is located approximately 1.12 miles from the site. The nearest significant surface water was identified as Whalen Lake, located 22 miles from the site. The location of the nearest surface water body can be seen on Figures 1 and 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 not within 300 feet of an occupied permanent residence, school, hospital, or institution.

2.7 Proximity to Sensitive Receptors and Site Characteristics Summary

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

Site Characteristics Summary		
Approximate depth to groundwater:	50 - 100 ft bgs	
Within an area of high karst potential?	☐ Yes	☑ No
Within 300 ft. of any continuously flowing of significant watercourse?	☐ Yes	☑ No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	☐ Yes	☑ No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	☐ Yes	☑ No
Within 500 ft. of a spring or private, domestic fresh water well?	☐ Yes	☑ No
Within 1,000 ft. of any fresh water well?	☐ Yes	☑ No
Within the incorporated municipal boundaries or within a municipal well field?	☐ Yes	☑ No
Within 300 ft. of a wetland?	☐ Yes	☑ No
Within the area overlying a subsurface mine?	☐ Yes	☑ No
Within an unstable area?	☐ Yes	☑ No
Within a 100-year floodplain?	☐ Yes	☑ No

3.0 REMEDIATION ACTION LEVELS

NMOCD assessment and cleanup levels for hydrocarbon and produced water releases are based on depth to groundwater and proximity to sensitive receptors as established in NMAC 19.15.29. Based on site characteristics described in Section 2.0, the NMOCD Action Levels for a site with a depth to groundwater of from 50 to 100 feet bgs were utilized; these Action Levels are as follows:

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

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

3.1 Reclamation Levels

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

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

4.0 RELEASE ASSESSMENT

On October 3, 2024, Tasman was retained by Targa to respond to a release of natural gas at the site. Initial observations indicated a release area of approximately 3,900 square feet (ft^2). A photographic log of the release area is included as Appendix C.

On November 18 and 19, 2024, Tasman advanced 10 delineation trenches (V-1 through V-10) using machinal equipment, referred to as verticals, to delineate the release area. Verticals were advanced to depths ranging from 6 ft bgs to 12 ft bgs. The collected samples were field screened using a photoionization detector for the presence of volatile organic compounds and field titration kit for chlorides. See Table 1 for the field screening results.

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

4.1 Soil Sampling Procedures for Laboratory Analysis

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

4.2 Soil Analytical Methods

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

- Chloride – EPA Method 300.
- Total Petroleum Hydrocarbons (TPH) – gasoline, diesel, and motor/lube oil range organics (GRO+DRO+MRO) – EPA Method 8015D Extended.
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) – EPA Method 8260.

4.3 Release Area Assessment Data Evaluation

Concentrations of benzene and total BTEX were not detected above laboratory reporting limit (RL) throughout the site, with the exception of 1.01 milligrams per kilogram (mg/kg) in V-6 at 0-0.5 feet bgs and 4.08 mg/kg in V-9 at 2 feet bgs. The detected concentrations of total BTEX were less than NMOCD Action Levels.

Concentrations of total TPH were detected above applicable Action Levels in the soil samples collected from V-3 at 0-0.5 feet bgs (6,130 mg/kg), V-5 at 1 feet bgs (809 mg/kg), V-6 at 0-0.5 feet bgs (7,580 mg/kg), and V-9 at 2 feet bgs (20,557 mg/kg). All other samples had concentrations ranging from 25.1 mg/kg to 99.2 mg/kg.

Concentrations of chlorides were detected above applicable Action Levels in soil samples collected from V-3 at 0-0.5 ft bgs (7,380 mg/kg), V-5 at 1 ft bgs (1,970 mg/kg), V-6 at 0-0.5 ft bgs (4,440 mg/kg), V-6 at 4 ft bgs (1,540 mg/kg), and V-9 at 6 ft bgs (1,060 mg/kg). All other samples exhibited concentrations of chlorides ranging from 26.4 mg/kg to 222 mg/kg.

Analytical results are summarized on Table 1 and laboratory analytical results are included as Appendix D.

5.0 PROPOSED REMEDIAL ACTIONS

Tasman proposes to remediate the site using physical removal of soil within the delineated area of the release. Vertical and horizontal delineation was achieved throughout the site. The area around V-3 and V-5 will be excavated to a depth of 2 to 3 feet bgs and the area around and between V-6 and V-9 will be excavated to a depth of approximately 6 to 7 feet bgs. Excavated soil will be staged on-site atop a polyethylene liner pending transportation under manifest to an NMOCD approved disposal facility.

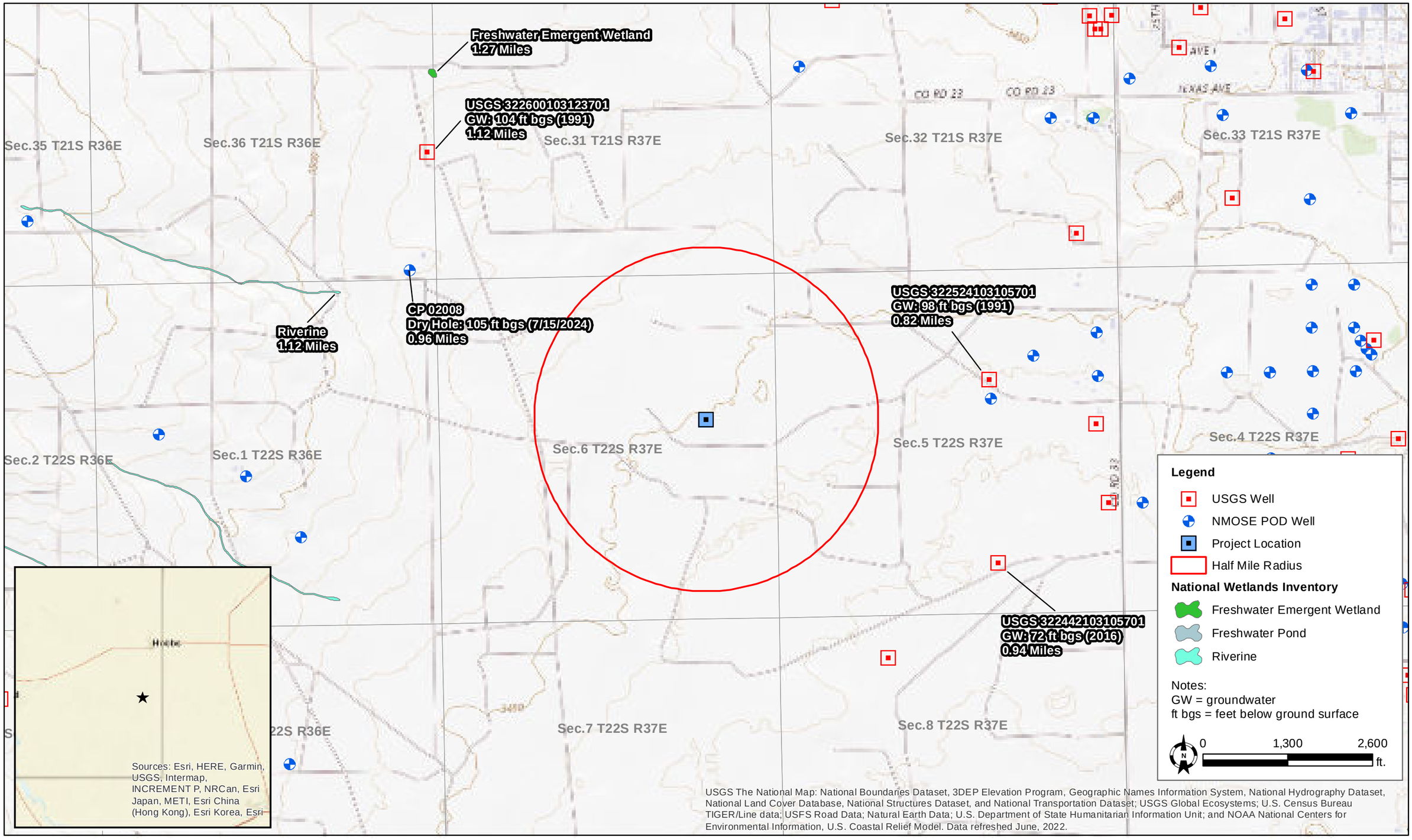
Once field data indicates that the release area has been remediated to NMOCD Action Levels established in Section 3.0, Tasman will collect five-point confirmation samples from the base and sidewalls of the excavation. The collected confirmation soil samples will represent an area no greater than 400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

6.0 PROPOSED RECLAMATION AND REVEGETATION

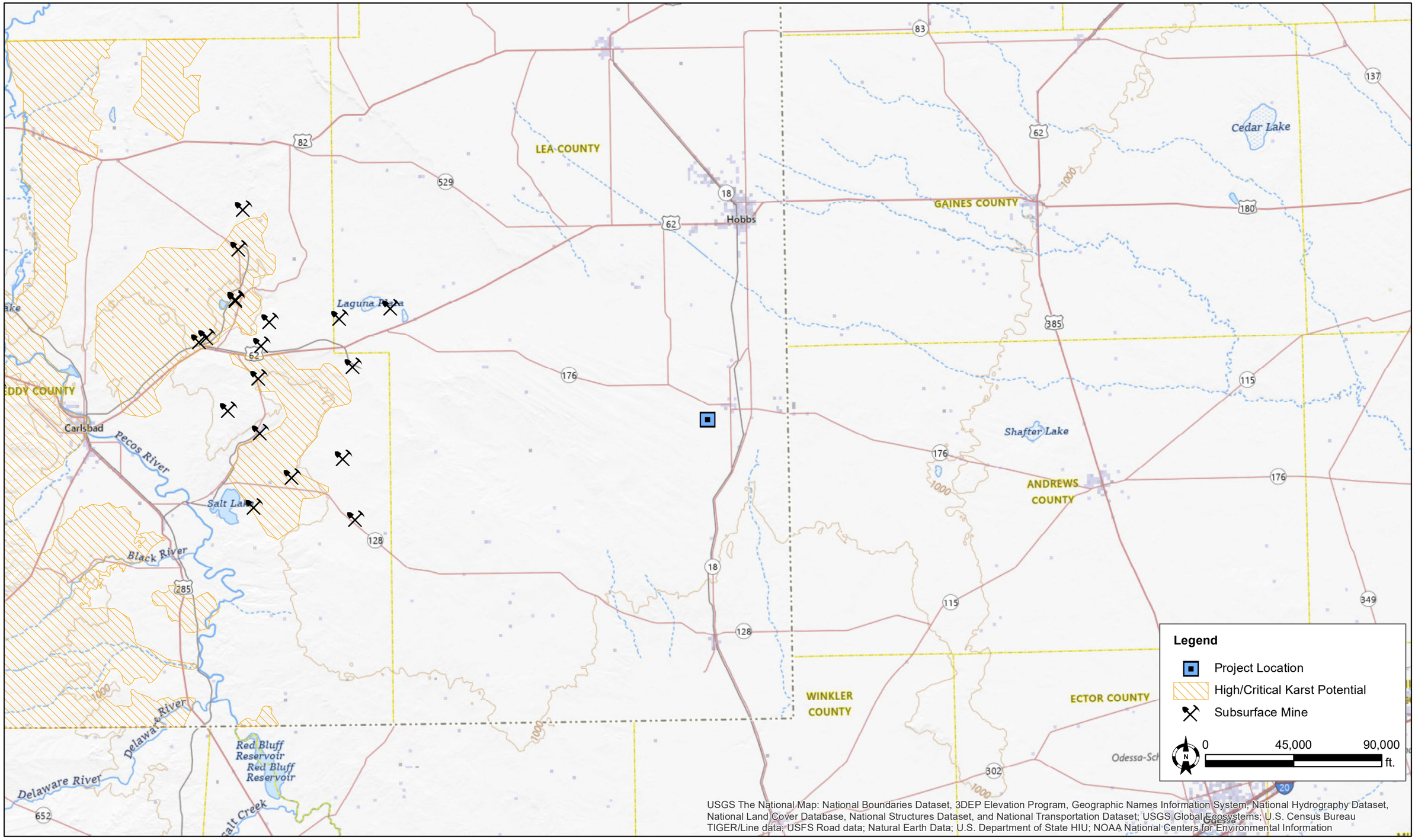
Upon receipt of confirmation samples that indicate remediation objectives have been met, areas affected by the release and associated remediation activities will be restored to the condition which existed prior to the release to the maximum extent possible. Excavated areas will be backfilled with non-impacted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

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

Figures



DATE: December 2024 DESIGNED BY: K. Stark DRAWN BY: K. Stark	TASMAN **Tasman, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**Targa Resources** **Leak #58 - nAPP2424237514** UL "H", Sec. 6, T22S, R37E Lea County, New Mexico	Site Location & Groundwater Map	Figure 1



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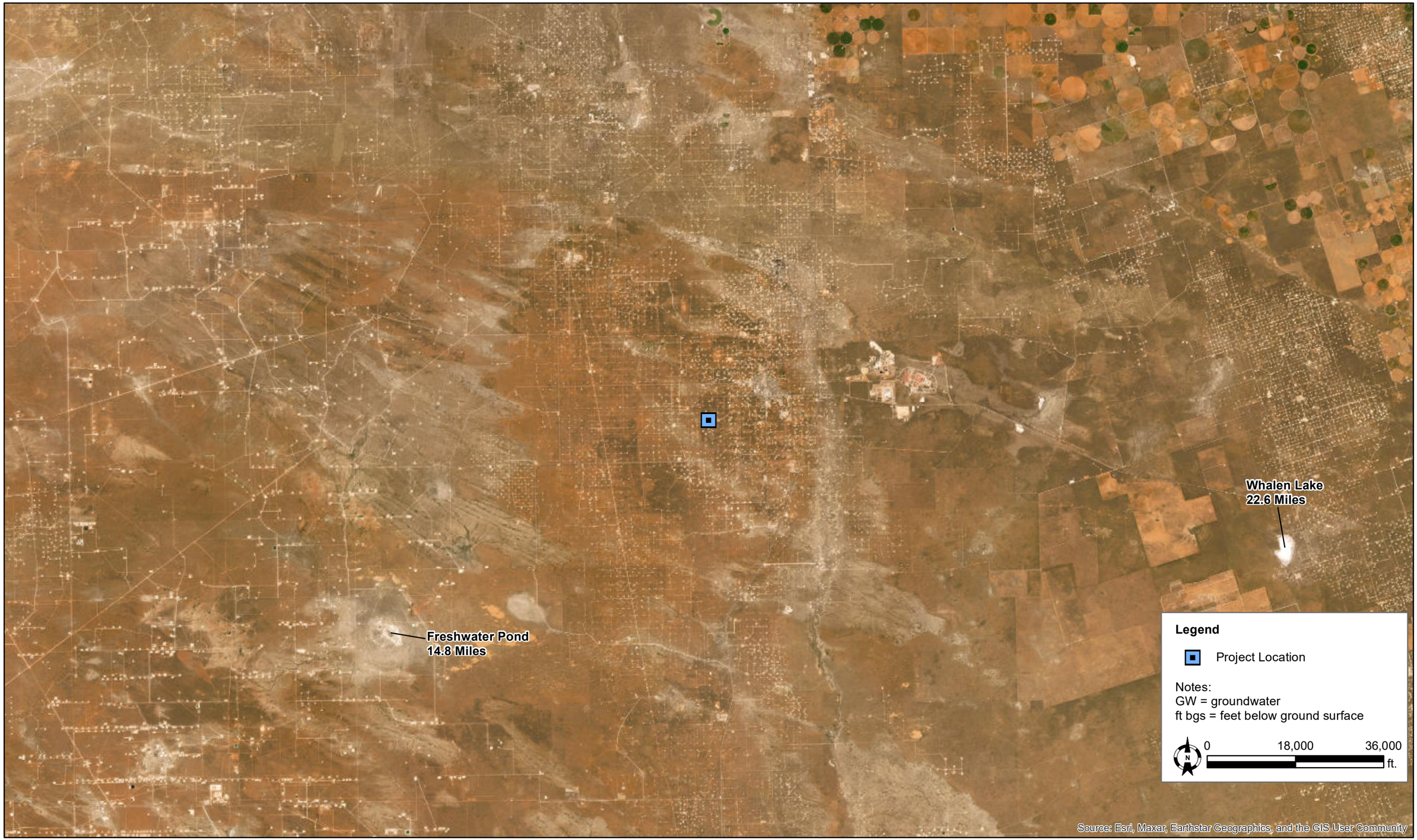

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National Flood Hazard Layer FIRMette

FEMA

103°12'9"W 32°25'34"N

103°11'31"W 32°25'4"N

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

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

Figure 4

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

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

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

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

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

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

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

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/27/2024 at 5:58 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

DATE: December 2024 DESIGNED BY: K. Stark DRAWN BY: K. Stark	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**Targa Resources** **Leak #58 - nAPP2424237514** UL "H", Sec. 6, T22S, R37E Lea County, New Mexico	Delineation Overview Map	Figure 5

Table

TABLE 1 - SOIL ANALYTICAL SUMMARY - DELINEATION SOIL SAMPLES
Targa Resources
Leak #58
NMOCD Incident No. nAPP2424237514

Sample ID	Sample Depth	Sample Date	Soil Status	PID (ppm)	Field Chloride (mg/kg)	Benzene (mg/kg)	Total BTEX[1] (mg/kg)	TPH[2] (mg/kg)				Chrloride[3] (mg/kg)
								GRO	DRO	MRO	TOTAL	
V-1	0-0.5'	11/18/2024	In-Situ	0.1	293	---	---	---	---	---	---	---
	1'		In-Situ	0	173	---	---	---	---	---	---	---
	2'		In-Situ	0	115	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
	3'		In-Situ	0	142	---	---	---	---	---	---	---
	4'		In-Situ	0	117	---	---	---	---	---	---	---
	6'		In-Situ	0	115	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
V-2	0-0.5'	11/18/2024	In-Situ	0	175	---	---	---	---	---	---	---
	1'		In-Situ	0	148	---	---	---	---	---	---	---
	2'		In-Situ	0	151	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
	3'		In-Situ	0	116	---	---	---	---	---	---	---
	4'		In-Situ	0	121	---	---	---	---	---	---	---
	6'		In-Situ	0	91	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
V-3	0-0.5'	11/18/2024	In-Situ	9.6	7,036	<0.0250	<0.0500	<20.0	**3,850**	**2,280**	**6,130**	**7,380**
	1'		In-Situ	5.2	1,026	---	---	---	---	---	---	---
	2'		In-Situ	1.6	229	---	---	---	---	---	---	---
	3'		In-Situ	9.6	175	<0.0250	<0.0500	<20.0	**99.2**	<50.0	**99.2**	**39.9**
	4'		In-Situ	1.8	149	---	---	---	---	---	---	---
	6'		In-Situ	6.7	208	---	---	---	---	---	---	---
	8'		In-Situ	1.0	149	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
V-4	0-0.5'	11/18/2024	In-Situ	0.4	179	---	---	---	---	---	---	---
	1'		In-Situ	0.5	176	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
	2'		In-Situ	0.4	148	---	---	---	---	---	---	---
	3'		In-Situ	0.4	90	---	---	---	---	---	---	---
	4'		In-Situ	0.2	87	---	---	---	---	---	---	---
	6'		In-Situ	0.8	120	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
V-5	0-0.5'	11/18/2024	In-Situ	0.6	562	---	---	---	---	---	---	---
	1'		In-Situ	10.5	1,666	<0.0250	<0.0500	<20.0	**578**	**231**	**809**	**1,970**
	2'		In-Situ	0.9	198	---	---	---	---	---	---	---
	3'		In-Situ	0.4	149	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
	4'		In-Situ	3.6	118	---	---	---	---	---	---	---
	6'		In-Situ	0.3	119	---	---	---	---	---	---	---
	8'		In-Situ	0.6	150	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
V-6	0-0.5'	11/19/2024	In-Situ	56.4	5,894	<0.0250	**1.01**	<20.0	**5,420**	**2,160**	**7,580**	**4,440**
	1'		In-Situ	29.6	2,653	---	---	---	---	---	---	---
	2'		In-Situ	5.7	2,272	---	---	---	---	---	---	---
	3'		In-Situ	1.6	1,704	---	---	---	---	---	---	---
	4'		In-Situ	0.5	1,847	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	**1,540**
	6'		In-Situ	11.8	1,094	---	---	---	---	---	---	---
	8'		In-Situ	8.4	211	<0.0250	<0.0500	<20.0	**25.1**	<50.0	**25.1**	<20.0
	10'		In-Situ	0.8	176	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	**26.4**
V-7	0-0.5'	11/19/2024	In-Situ	0.3	149	---	---	---	---	---	---	---
	1'		In-Situ	0	148	---	---	---	---	---	---	---
	2'		In-Situ	0	118	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
	3'		In-Situ	0.1	114	---	---	---	---	---	---	---
	4'		In-Situ	0.1	116	---	---	---	---	---	---	---
	6'		In-Situ	3.1	174	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
V-8	0-0.5'	11/18/2024	In-Situ	0.1	232	---	---	---	---	---	---	---
	1'		In-Situ	0	174	---	---	---	---	---	---	---
	2'		In-Situ	0	176	---	---	---	---	---	---	---
	3'		In-Situ	0.1	119	---	---	---	---	---	---	---
	4'		In-Situ	0	909	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
	6'		In-Situ	0	90	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
V-9	0-0.5'	11/19/2024	In-Situ	5.8	234	---	---	---	---	---	---	---
	1'		In-Situ	101	210	---	---	---	---	---	---	---
	2'		In-Situ	111	286	<0.0500	**4.08**	**56.6**	**14,900**	**5,600**	**20,557**	**222**
	3'		In-Situ	56.4	1,139	---	---	---	---	---	---	---
	4'		In-Situ	105	712	---	---	---	---	---	---	---
	6'		In-Situ	1.8	710	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	**1,060**
	8'		In-Situ	0.6	813	---	---	---	---	---	---	---
	10'		In-Situ	58.4	583	---	---	---	---	---	---	---
	12'		In-Situ	2.8	313	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	**122**
V-10	0-0.5'	11/19/2024	In-Situ	0.2	174	---	---	---	---	---	---	---
	1'		In-Situ	0.1	116	---	---	---	---	---	---	---
	2'		In-Situ	0.1	116	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
	3'		In-Situ	0	144	---	---	---	---	---	---	---
	4'		In-Situ	0.1	116	---	---	---	---	---	---	---
	6'		In-Situ	4.1	177	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
NMOCD Reclamation Standards[4] (Applicable for soils less than 4 ft. below grade surface)				N/A	N/A	10	50	N/A			100	600
NMOCD Remediation and Delineation Standards[5] (Applicable for soils greater than 4 ft. below grade surface)				N/A	N/A	10	50	1,000		N/A	2,500	600

Notes:

1. BTEX = Benzene, toluene, ethylbenzene, and total xylenes by EPA method 8260
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
<RDL = The analyte was not detected above the laboratory reported detection limit (RDL)
N/A = Not applicable
Ft. = feet

Appendix A – NMOCD Notification and Initial Form C-141

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

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

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 379159
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Leak #58
Date Release Discovered	08/28/2024
Surface Owner	Private

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	*Not answered.*
Condensate Released (bbls) Details	Cause: Corrosion | Pipeline (Any) | Condensate | Released: 0 BBL (Unknown Released Amount) | Recovered: 38 BBL | Lost: -38 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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QUESTIONS (continued)

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 379159
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more;** **(?) reported amounts release resulting in negative volume.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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

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ACKNOWLEDGMENTS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 379159
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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CONDITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 379159
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
amberg	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	8/29/2024

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Santa Fe, NM 87505

QUESTIONS

Action 380001

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 380001
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2424237514**
Incident Name	**NAPP2424237514 LEAK #58 @ 0**
Incident Type	**Natural Gas Release**
Incident Status	**Initial C-141 Received**
Incident Facility	**[fAPP2123021777] Targa NM Gathering System**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Leak #58
Date Release Discovered	08/28/2024
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Corrosion | Pipeline (Any) | Condensate | Released: 51 BBL | Recovered: 38 BBL | Lost: 13 BBL.
Natural Gas Vented (Mcf) Details	Cause: Corrosion | Pipeline (Any) | Natural Gas Vented | Released: 144 Mcf | Recovered: 0 Mcf | Lost: 144 Mcf.
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 380001
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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

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

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

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QUESTIONS (continued)

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 380001
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization *Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	*Not answered.*
What method was used to determine the depth to ground water	*Not answered.*
Did this release impact groundwater or surface water	*Not answered.*
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*
A subsurface mine	*Not answered.*
An (non-karst) unstable area	*Not answered.*
Categorize the risk of this well / site being in a karst geology	*Not answered.*
A 100-year floodplain	*Not answered.*
Did the release impact areas not on an exploration, development, production, or storage site	*Not answered.*

Remediation Plan *Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*	
Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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CONDITIONS

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	24650
	Action Number: 380001
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	9/6/2024

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

Hours of leak =	3.5	Example:
Diameter of hole (inches) =	0.16	Leak for 4 (est) hours out of a 1/4 inch hole with line presure of 750 psig
Upstream Pressure =	25	

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

Volume of Gas Leaked = 3.56 Mcf

Footage of Pipe blowndown =	18456	
Initial line pressure =	25	Calculated factor for line pack = 5.892
Diameter of Pipe (inches) =	20	

Example:

Volume of Gas BlownDown = 108.74 Mcf

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

Footage of Pipe blowndown =	2450	
Initial line pressure =	25	Calculated factor for line pack = 0.236
Diameter of Pipe (inches) =	4	

Example:

Volume of Gas BlownDown = 0.58 Mcf

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

Footage of Pipe blowndown =	2749	
Initial line pressure =	25	Calculated factor for line pack = 0.530
Diameter of Pipe (inches) =	6	

Example:

Volume of Gas BlownDown = 1.46 Mcf

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

Reportable	50 Mcf
Immediate Notification	500 Mcf

Total Volume of Gas Loss = 114.33 Mcf

Comments:

Name : Amber Groves | Title : ES&H Staff

TARGA

Spill to Land Volume Estimation Calculator

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

Clear All

Does the spill area have a high slope?	No

Is the spill area wet from rain?	No

Circular Shape Spill

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

Square or Rectangular Shape spill

Enter Length **(ft)**	260
Enter Width **(ft)**	15
Enter Average Depth of Liquid Pool **(in)**	1
Enter the percentage of the rectangle that is covered by the spill	80%
Select Viscosity Dependent Parameter	High (ex. Light fuel oils)
Is the Average Depth of Liquid Penetration known?	No
If known, enter Average Depth of Liquid Penetration Into Soil **(in)**	
Select Surface Type	
Estimated Spill Volume (bbls)	51.0
Estimated Spill Volume (gals)	2100.0

Oval Shape Spill

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

Irregular Shape Spill

Choose number of Rectangles	

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

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

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

Appendix B – Depth to Groundwater Information

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 322442103111601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

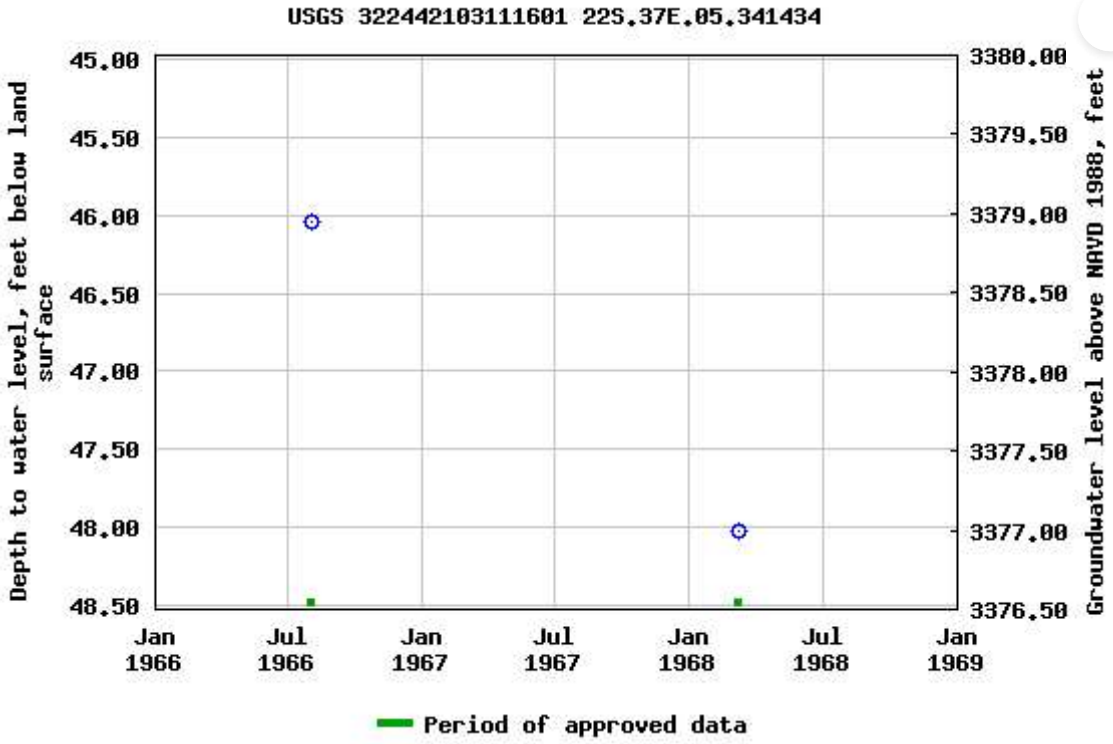
USGS 322442103111601 22S.37E.05.341434

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°24'42", Longitude 103°11'16" NAD27
Land-surface elevation 3,425 feet above NAVD88
The depth of the well is 70 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 322524103105701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

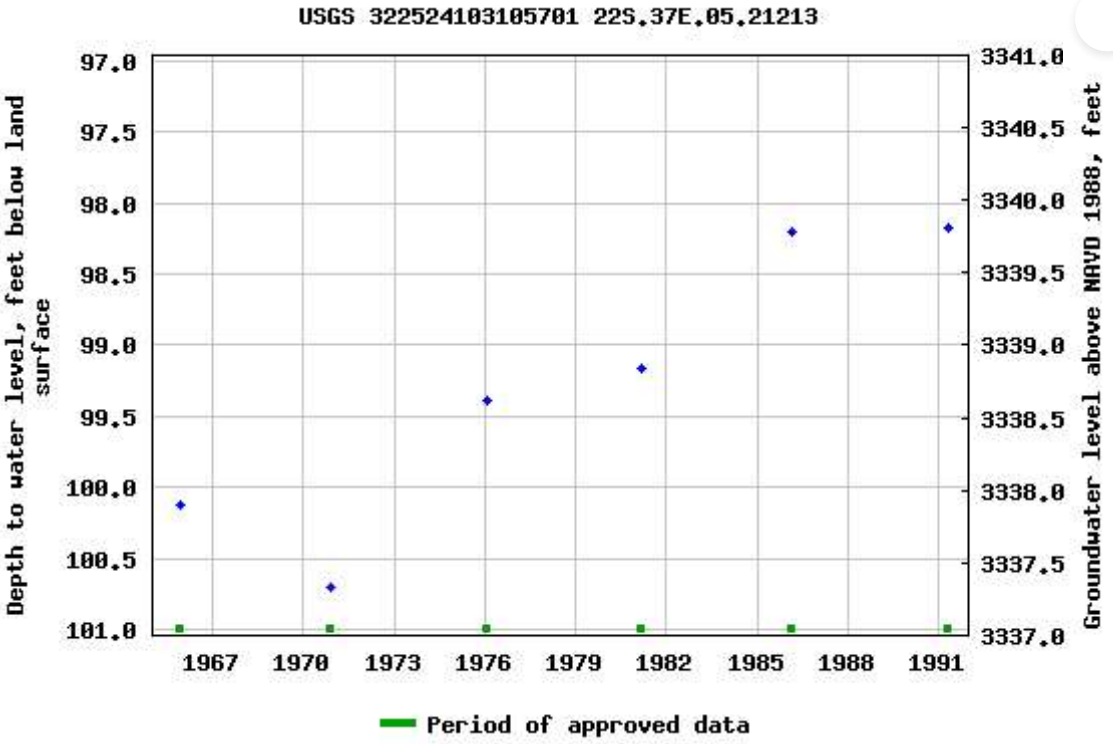
USGS 322524103105701 22S.37E.05.21213

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°25'24", Longitude 103°10'57" NAD27
Land-surface elevation 3,438 feet above NAVD88
The depth of the well is 110 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 322600103123701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

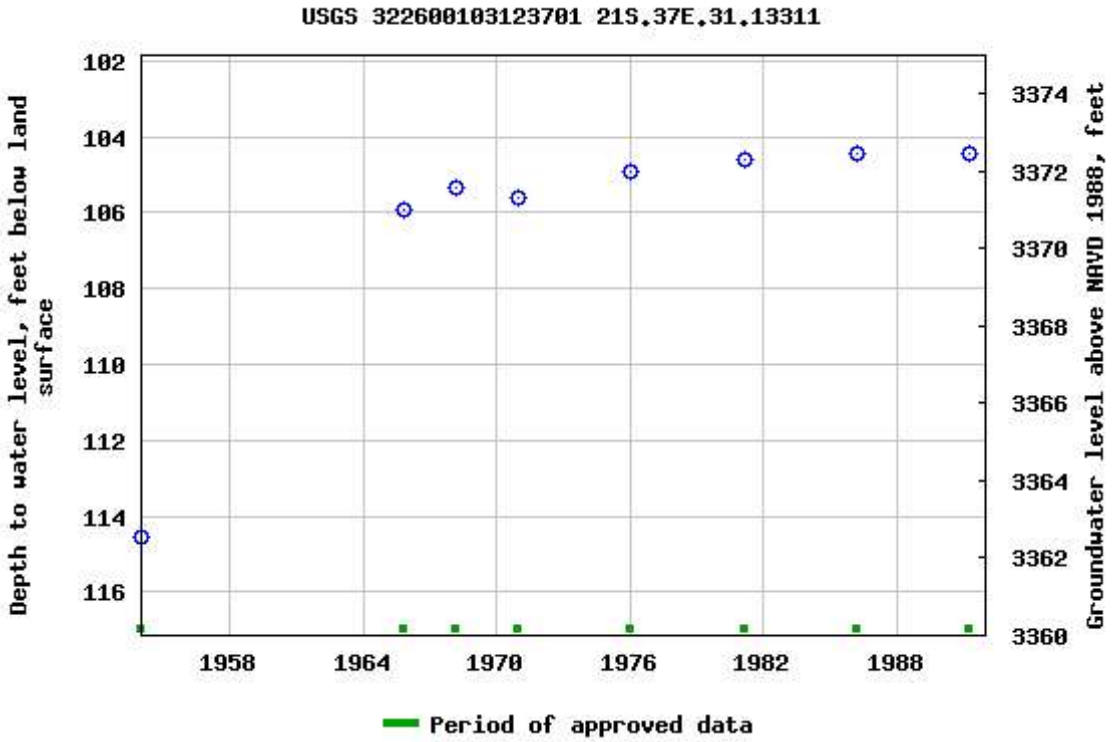
USGS 322600103123701 21S.37E.31.13311

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°26'00", Longitude 103°12'37" NAD27
Land-surface elevation 3,477 feet above NAVD88
The depth of the well is 115 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

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Explanation of terms
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Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2024-12-02 16:35:53 EST
0.66 0.46 nadww02

3

WELL PLUGGING PLAN OF OPERATIONS

NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: ☐ Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: CP-2088-POD1

Name of well owner: Rice Operating Co.

Mailing address: PO 3641 County:

City: Hobbs State: NM Zip code: 88241

Phone number: 575-605-3471 E-mail: jhawley@h-r-enterprises.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: James Hawley/H&R Enterprises, LLC

New Mexico Well Driller License No.: WD-1862 Expiration Date: June 16, 2025

IV. WELL INFORMATION: ☐ **Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.**

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: 32 deg, 23 min, 47.06 sec
Longitude: -103 deg, 12 min, 11.21 sec, NAD 83

2) Reason(s) for plugging well(s):

Temporary well to determine depth of groundwater at remediation site.

OCD DT JUL 10 2024 PM 3:20

3) Was well used for any type of monitoring program? no If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? no If yes, provide additional detail, including analytical results and/or laboratory report(s):

5) Static water level: unknown feet below land surface / feet above land surface (circle one)

6) Depth of the well: 105 feet

7) Inside diameter of innermost casing: 2 inches.

8) Casing material: PVC

9) The well was constructed with:

☐ an open-hole production interval, state the open interval: _____

■ a well screen or perforated pipe, state the screened interval(s): 10ft

10) What annular interval surrounding the artesian casing of this well is cement-grouted? N/A

11) Was the well built with surface casing? no If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? _____ If yes, please describe:

12) Has all pumping equipment and associated piping been removed from the well? N/A If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING:

☐ **If plugging method differs between multiple wells on same site, a separate form must be completed for each method.**

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

We anticipate this to be a dry hole, drill cuttings to 10ft BGS, hydrated bentonite chips from 10ft BGS to surface.

2) Will well head be cut-off below land surface after plugging? _____

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

1) For plugging intervals that employ cement grout, complete and attach Table A.

2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.

3) Theoretical volume of grout required to plug the well to land surface: 154.2

4) Type of Cement proposed: 3/8 bentonite chip plug

5) Proposed cement grout mix: _____gallons of water per 94 pound sack of Portland cement.

6) Will the grout be: _____batch-mixed and delivered to the site

X mixed on site

OSE DIT JUL 10 2024 PM 3:20

7) Grout additives requested, and percent by dry weight relative to cement:

8) Additional notes and calculations:

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

VIII. SIGNATURE:

I, James Hawley, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

Signature of Applicant — Date: 7/15/24

IX. ACTION OF THE STATE ENGINEER:

OCD DIT JUL 19 2024 PM 01:20

This Well Plugging Plan of Operations is:

X Approved subject to the attached conditions.

_____ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 19th day of July, 2024

State Engineer

_____., New Mexico State Engineer

By: K. Parekh

Kashyap Parekh

Water Resources Manager I

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)			
Bottom of proposed interval of grout placement (ft bgl)			
Theoretical volume of grout required per interval (gallons)			
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			
Mixed on-site or batch-mixed and delivered?			
Grout additive 1 requested			
Additive 1 percent by dry weight relative to cement			
Grout additive 2 requested			
Additive 2 percent by dry weight relative to cement			

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)			1
Bottom of proposed sealant of grout placement (ft bgl)			105
Theoretical volume of sealant required per interval (gallons)			154.2
Proposed abandonment sealant (manufacturer and trade name)			Baroid 3/8 hole plug

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

State Engineer

DISTRICT II
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

July 19, 2024

Rice Operating Co.
P.O. Box 3641
Hobbs, NM 88241

RE: Well Plugging Plan of Operations for well no. CP-2008-POD1

Greetings:

Enclosed is your copy of the Well Plugging Plan of Operations for the above referenced well subject to the attached Conditions of Approval. The proposed method of operation is found to be acceptable and in accordance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 30, 2017 by the State Engineer. subject to the attached Conditions of Approval.

Within 30 days after the well is plugged, the well driller is required to file a complete plugging record with the OSE and the permit holder.

Sincerely,

K. Parekh

Kashyap Parekh
Water Resources Manager I

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623- 8559

Applicant has identified a well, listed below, to be plugged. H & R Enterprises LLC (WD-1862) will perform the plugging.

Permittee: Rice Operating Co.
NMOSE Permit Number: CP-2008-POD1

NMOSE File	Casing diameter (inches)	Well depth (feet bgl)	Approximate static water level (feet bgl)	Latitude	Longitude
CP-2008-POD1	2.0 (6.0 inch borehole)	105.0	Unknown	32° 23' 47.06"	103° 12' 11.21''

Specific Plugging Conditions of Approval for Well located in Lea County.

1. Water well drilling and well drilling activities, including well plugging, are regulated under 19.27.4 NMAC, which requires any person engaged in the business of well drilling within New Mexico to obtain a Well Driller License issued by the New Mexico Office of the State Engineer (NMOSE). Therefore, the firm of a New Mexico licensed Well Driller shall perform the well plugging.

2. Ground Water encountered: The total Theoretical volume of sealant required for abandonment of soil boring well is approximately 154.16 gallons. The total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 105 feet.

3. Dry Hole: The total Theoretical volume of sealant required for abandonment of soil boring well is approximately 14.68 gallons. Total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 10 feet.

4. Ground Water encountered: Bentonite chips are approved for plugging the well. Fresh water to be added above water column at rate of 5 gallons per 50-lb sack/bucket.

5. Dry Hole: (a) Drill cuttings up to ten feet of land surface. (b) 10 feet to 0 feet – Bentonite chips. Fresh water to be added above water column at rate of 5 gallons per 50-lb sack/bucket.

6.Placement of the sealant within the wells shall be by tremie pipe extending to near well bottom and kept below top of the slurry column as the well is plugged from bottom-upwards in a manner that

displaces the standing water column. The tremie shall be incrementally removed to retain the tremie bottom a limited distance above the top of the rising column of chips throughout the plugging process.

7. Any open annulus encountered surrounding the casing shall also be sealed by the placement of the approved sealant. When plugging shallow wells with no construction or environmental concerns, and if the well record on a well to be plugged shows a proper 20-foot annular seal, a plugging plan can propose the use of clean fill material to a nominal 30 feet bgs, then placing an OSE approved sealant to surface. Lacking that information, we would require an excavation of at least 2-feet which shall then be filled in its entirety with sealant to surface.

8. Should the NMED, or another regulatory agency sharing jurisdiction of the project authorize, or by regulation require a more stringent well plugging procedure than herein acknowledged, the more-stringent procedure should be followed. This, in part, includes provisions regarding pre-authorization to proceed, contaminant remediation, inspection, pulling/perforating of casing, or prohibition of free discharge of any fluid from the borehole during or related to the plugging process.

9. NMOSE witnessing the plugging of the soil boring will not be required.

10. Any deviation from this plan must obtain an approved variance from this office prior to implementation.

11. A Well Plugging Record itemizing actual abandonment process and materials used shall be filed with the State Engineer within 30 days after completion of well plugging. For the plugging record, please resurvey coordinate location for well and note coordinate system for GPS unit. Please attach a copy of these plugging conditions.

The NMOSE Well Plugging Plan of Operations is hereby approved with the aforesaid conditions applied.

Witness my hand and seal this 19th day of July 2024

State Engineer

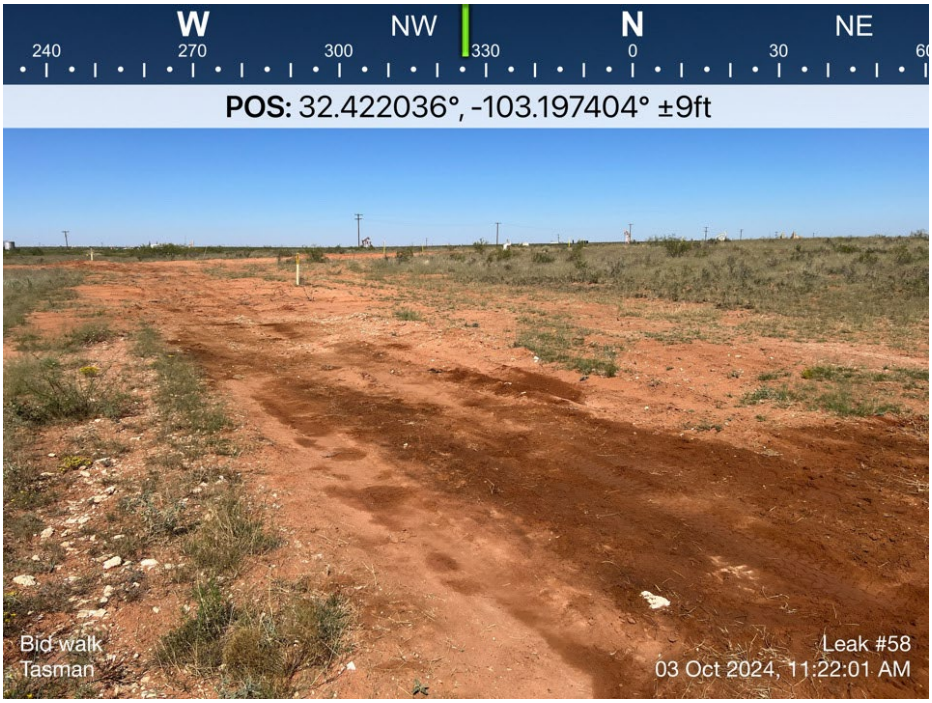
By: K. Parekh

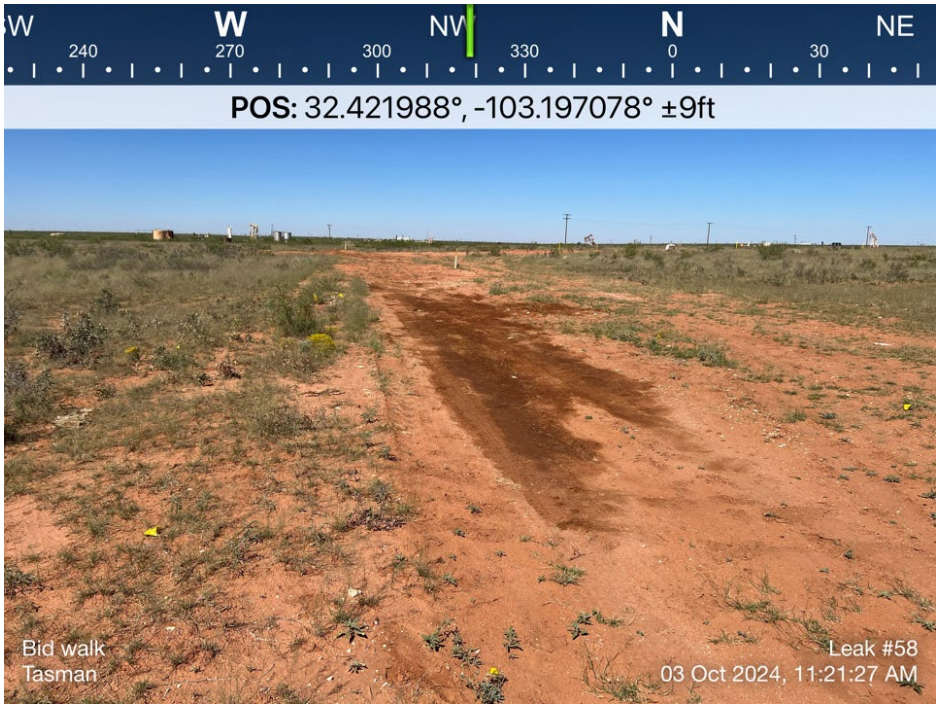
Kashyap Parekh
Water Resources Manager I

Appendix C – Photographic Log

Targa Resources

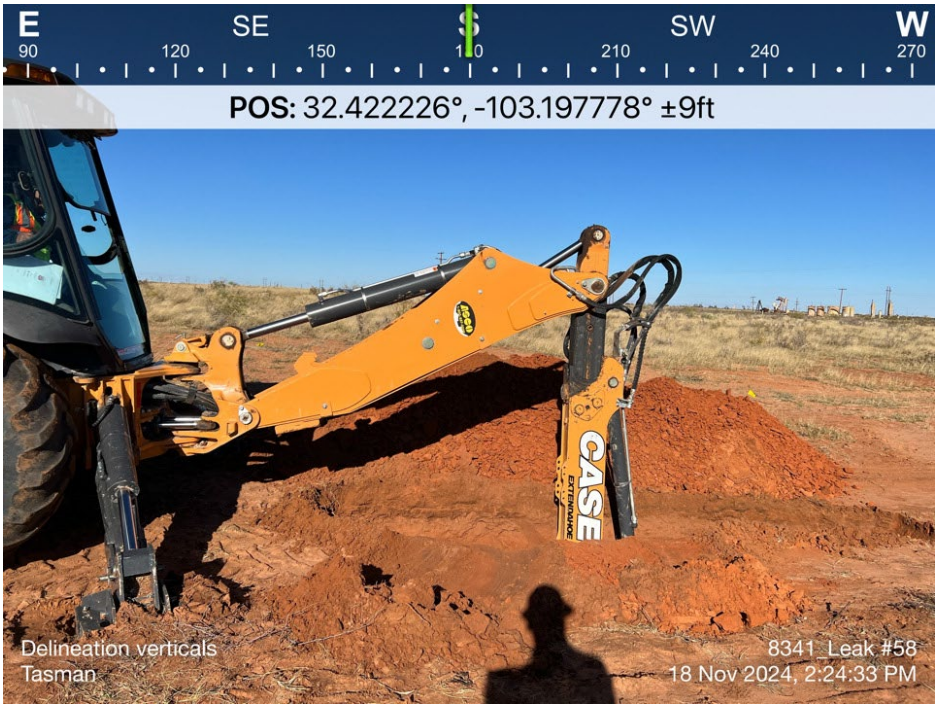
8/28/24





Targa Resources

8/28/24



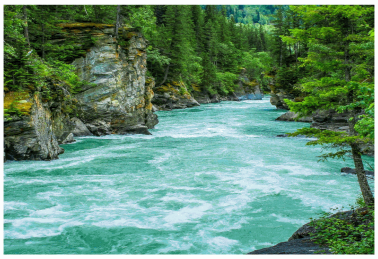
Targa Resources

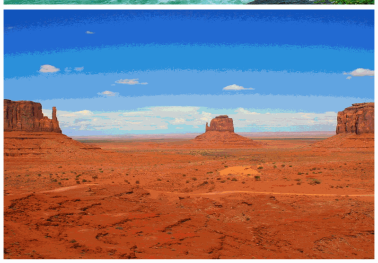
8/28/24

Appendix D – Certified Laboratory Analytical Reports

Report to:

Brett Dennis





5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Targa

Project Name:	8341 Leak #58
Work Order:	E411219
Job Number:	21102-0001
Received:	11/21/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/26/24

Date Reported: 11/26/24

Brett Dennis
12600 WCR 91
Midland, TX 79707

Project Name: 8341 Leak #58
Workorder: E411219
Date Received: 11/21/2024 8:15:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/21/2024 8:15:00AM, under the Project Name: 8341 Leak #58.

The analytical test results summarized in this report with the Project Name: 8341 Leak #58 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/24 13:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-1 @ 0.5'	E411219-01A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-1 @ 1'	E411219-02A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-1 @ 2'	E411219-03A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-1 @ 3'	E411219-04A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-1 @ 4'	E411219-05A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-1 @ 6'	E411219-06A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-2 @ 0.5'	E411219-07A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-2 @ 1'	E411219-08A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-2 @ 2'	E411219-09A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-2 @ 3'	E411219-10A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-2 @ 4'	E411219-11A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-2 @ 6'	E411219-12A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-3 @ 0.5'	E411219-13A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-3 @ 1'	E411219-14A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-3 @ 2'	E411219-15A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-3 @ 3'	E411219-16A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-3 @ 4'	E411219-17A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-3 @ 6'	E411219-18A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-3 @ 8'	E411219-19A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-4 @ 0.5'	E411219-20A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 1:46:59PM

V-1 @ 2'

E411219-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2447083
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.2 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/21/24*	*11/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2447083
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.2 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/21/24*	*11/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447096
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
Surrogate: n-Nonane		*124 %*	*50-200*	*11/21/24*	*11/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447107
Chloride	ND	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 1:46:59PM

V-1 @ 6'

E411219-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2447083
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/21/24*	*11/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2447083
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*11/21/24*	*11/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447096
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*11/21/24*	*11/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447107
Chloride	ND	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 1:46:59PM

V-2 @ 2'

E411219-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2447083
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2447083
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447096
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*11/21/24*	*11/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447107
Chloride	ND	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 1:46:59PM

V-2 @ 6'

E411219-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2447083
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*107 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2447083
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*107 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447096
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*11/21/24*	*11/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447107
Chloride	ND	20.0	1	11/21/24	11/23/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 1:46:59PM

V-3 @ 0.5'

E411219-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2447083
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2447083
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447096
Diesel Range Organics (C10-C28)	**3850**	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	**2280**	50.0	1	11/21/24	11/21/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*11/21/24*	*11/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447107
Chloride	**7380**	100	5	11/21/24	11/23/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 1:46:59PM

V-3 @ 3'

E411219-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2447083
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2447083
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447096
Diesel Range Organics (C10-C28)	**99.2**	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*69.2 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447107
Chloride	**39.9**	20.0	1	11/21/24	11/23/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 1:46:59PM

V-3 @ 8'

E411219-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2447083
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2447083
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447096
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447107
Chloride	ND	20.0	1	11/21/24	11/23/24	

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 1:46:59PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447083-BLK1)									Prepared: 11/21/24 Analyzed: 11/21/24
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: Bromofluorobenzene	*0.523*		*0.500*		*105*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.475*		*0.500*		*95.0*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			
LCS (2447083-BS1)									Prepared: 11/21/24 Analyzed: 11/21/24
Benzene	2.67	0.0250	2.50		107	70-130			
Ethylbenzene	2.63	0.0250	2.50		105	70-130			
Toluene	2.60	0.0250	2.50		104	70-130			
o-Xylene	2.67	0.0250	2.50		107	70-130			
p,m-Xylene	5.34	0.0500	5.00		107	70-130			
Total Xylenes	8.00	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	*0.542*		*0.500*		*108*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS Dup (2447083-BSD1)									Prepared: 11/21/24 Analyzed: 11/21/24
Benzene	2.62	0.0250	2.50		105	70-130	1.61	23	
Ethylbenzene	2.53	0.0250	2.50		101	70-130	3.76	27	
Toluene	2.52	0.0250	2.50		101	70-130	3.13	24	
o-Xylene	2.62	0.0250	2.50		105	70-130	1.66	27	
p,m-Xylene	5.20	0.0500	5.00		104	70-130	2.71	27	
Total Xylenes	7.82	0.0250	7.50		104	70-130	2.36	27	
Surrogate: Bromofluorobenzene	*0.540*		*0.500*		*108*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 1:46:59PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447083-BLK1)									Prepared: 11/21/24 Analyzed: 11/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.523*		*0.500*		*105*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.475*		*0.500*		*95.0*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			
LCS (2447083-BS2)									Prepared: 11/21/24 Analyzed: 11/21/24
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.5	70-130			
Surrogate: Bromofluorobenzene	*0.553*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.474*		*0.500*		*94.7*	*70-130*			
Surrogate: Toluene-d8	*0.515*		*0.500*		*103*	*70-130*			
LCS Dup (2447083-BSD2)									Prepared: 11/21/24 Analyzed: 11/21/24
Gasoline Range Organics (C6-C10)	47.0	20.0	50.0		94.0	70-130	4.84	20	
Surrogate: Bromofluorobenzene	*0.556*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.470*		*0.500*		*93.9*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 1:46:59PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447096-BLK1)									Prepared: 11/21/24 Analyzed: 11/21/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.1*		*50.0*		*116*	*50-200*			
LCS (2447096-BS1)									Prepared: 11/21/24 Analyzed: 11/21/24
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	*56.9*		*50.0*		*114*	*50-200*			
Matrix Spike (2447096-MS1)				**Source: E411219-11**					Prepared: 11/21/24 Analyzed: 11/21/24
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132			
Surrogate: n-Nonane	*61.2*		*50.0*		*122*	*50-200*			
Matrix Spike Dup (2447096-MSD1)				**Source: E411219-11**					Prepared: 11/21/24 Analyzed: 11/21/24
Diesel Range Organics (C10-C28)	285	25.0	250	ND	114	38-132	2.85	20	
Surrogate: n-Nonane	*60.9*		*50.0*		*122*	*50-200*			

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 1:46:59PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447107-BLK1)									Prepared: 11/21/24 Analyzed: 11/22/24
Chloride	ND	20.0							
LCS (2447107-BS1)									Prepared: 11/21/24 Analyzed: 11/22/24
Chloride	256	20.0	250		102	90-110			
LCS Dup (2447107-BSD1)									Prepared: 11/21/24 Analyzed: 11/22/24
Chloride	256	20.0	250		102	90-110	0.0915	20	

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

Definitions and Notes

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/24 13:46

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

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

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

Project Information | Chain of Custody | Page 1 of 8

Client:	Targa Resources
Project:	8341 Leak #58
Project Manager:	Brett Dennis
Address:	2620 W. Marland Blvd
City, State, Zip	Hobbs, NM 88240
Phone:	
Email	bdennis@tasman-geo.com
Report due by:	

Bill To

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

Lab Use Only: Lab WO# E411219 | Job Number 21102-0001

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

EPA Program: CWA | SDWA | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold	BGDOC NM	GDOC TX	Remarks
9:49	11/18/24	S	1	V-1 @ 0.5'	1				X			
10:00	11/18/24	S	1	V-1 @ 1'	2				X			
10:03	11/18/24	S	1	V-1 @ 2'	3	X	X	X				
10:09	11/18/24	S	1	V-1 @ 3'	4				X			
10:13	11/18/24	S	1	V-1 @ 4'	5				X			
10:19	11/18/24	S	1	V-1 @ 6'	6	X	X	X				
10:30	11/18/24	S	1	V-2 @ 0.5'	7				X			
10:32	11/18/24	S	1	V-2 @ 1'	8				X			
10:34	11/18/24	S	1	V-2 @ 2'	9	X	X	X				
10:36	11/18/24	S	1	V-2 @ 3'	10				X			

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11/20/24	8:07		11/20/24	0807
	11/20/24	1255	Michelle Gonzales	11-20-24	1255
Michelle Gonzales	11-2024	1645		11.20.24	1730

Lab Use Only — Received on ice: (Y) N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

Caitlin Mars 11.21.24 8:15

envirotech

Project Information | Chain of Custody | Page 1 of 2 (0.G) 8

Client: Targa Resources	**Bill To**	Lab Use Only	TAT / EPA Program
Project: 8341 Leak #58	Attention: Amber Groves	Lab WO# E411219	Job Number 21102-0001
Project Manager: Brett Dennis	Address: 201 South 4th St.	1D 2D 3D Standard: X	CWA / SDWA / RCRA
Address: 2620 W. Marland Blvd	City, State, Zip: Artesia, New Mexico		
City, State, Zip Hobbs, NM 88240	Phone:		
Phone:	Email:agroves@targaresources.com		
Email bdennis@tasman-geo.com	*PO Pending*		
Report due by:			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold	BGDOC NM	GDOC TX	Remarks
10:38	11/18/24	S	1	V-2 @ 4'	11				X			
10:40	11/18/24	S	1	V-2 @ 6'	12	X	X	X				
10:58	11/18/24	S	1	V-3 @ 0.5'	13	X	X	X				
11:00	11/18/24	S	1	V-3 @ 1'	14				X			
11:02	11/18/24	S	1	V-3 @ 2'	15				X			
11:04	11/18/24	S	1	V-3 @ 3'	16	X	X	X				
11:06	11/18/24	S	1	V-3 @ 4'	17				X			
11:08	11/18/24	S	1	V-3 @ 6'	18				X			
11:10	11/18/24	S	1	V-3 @ 8'	19	X	X	X				
13:10	11/18/24	S	1	V-4 @ 0.5'	20				X			

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

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11/20/24	8:07		11/20/24	0807
	11/20/24	1255	Michelle Gonzales	11-20-24	1255
Michelle Gonzales	11-20-24	1645		11.20.24	1730

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

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

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

Caitlin Mars 11.21.24 8:15

envirotech

Envirotech Analytical Laboratory

Printed: 11/21/2024 11:39:29AM

Sample Receipt Checklist (SRC)

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

Client:	Targa	Date Received:	11/21/24 08:15	Work Order ID:	E411219
Phone:	(432) 999-8675	Date Logged In:	11/20/24 14:35	Logged In By:	Caitlin Mars
Email:	bdennis@tasman-geo.com	Due Date:	11/27/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project 8341 Leak #58 has been separated into multiple reports due to high sample volume. WO are E411219 to E411222.

Client Instruction

Client Comments: Samples-1,2,4,5,7,8,10,11,14,15,17,18,20 are all on Hold.

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

Date

envirotech Inc.

Report to:

Brett Dennis

5796 U.S. Hwy 64
Farmington, NM 87401

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

NELAP ACCREDITED TNI LABORATORY

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Targa

Project Name: 8341 Leak #58

Work Order: E411220

Job Number: 21102-0001

Received: 11/21/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/27/24

Date Reported: 11/27/24

Brett Dennis
12600 WCR 91
Midland, TX 79707

Project Name: 8341 Leak #58
Workorder: E411220
Date Received: 11/21/2024 8:15:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/21/2024 8:15:00AM, under the Project Name: 8341 Leak #58.

The analytical test results summarized in this report with the Project Name: 8341 Leak #58 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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whinchman@envirotech-inc.com

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Table of Contents

Sample Summary

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/27/24 14:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-4 @ 1'	E411220-01A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-4 @ 2'	E411220-02A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-4 @ 3'	E411220-03A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-4 @ 4'	E411220-04A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-4 @ 6'	E411220-05A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-5 @ 0.5'	E411220-06A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-5 @ 1'	E411220-07A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-5 @ 2'	E411220-08A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-5 @ 3'	E411220-09A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-5 @ 4'	E411220-10A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/27/2024 2:54:13PM

V-4 @ 1'

E411220-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2447084
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2447084
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447089
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447123
Chloride	ND	20.0	1	11/22/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/27/2024 2:54:13PM

V-4 @ 6'

E411220-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2447084
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2447084
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447089
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447123
Chloride	ND	20.0	1	11/22/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/27/2024 2:54:13PM

V-5 @ 1'

E411220-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2447084
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2447084
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447089
Diesel Range Organics (C10-C28)	**578**	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	**231**	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447123
Chloride	**1970**	20.0	1	11/22/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/27/2024 2:54:13PM

V-5 @ 3'

E411220-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2447084
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2447084
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447089
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447123
Chloride	ND	20.0	1	11/22/24	11/22/24	

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/27/2024 2:54:13PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447084-BLK1)									Prepared: 11/21/24 Analyzed: 11/22/24
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: Bromofluorobenzene	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.458*		*0.500*		*91.5*	*70-130*			
Surrogate: Toluene-d8	*0.531*		*0.500*		*106*	*70-130*			
LCS (2447084-BS1)									Prepared: 11/21/24 Analyzed: 11/22/24
Benzene	2.43	0.0250	2.50		97.2	70-130			
Ethylbenzene	2.47	0.0250	2.50		98.8	70-130			
Toluene	2.46	0.0250	2.50		98.5	70-130			
o-Xylene	2.47	0.0250	2.50		98.9	70-130			
p,m-Xylene	4.93	0.0500	5.00		98.7	70-130			
Total Xylenes	7.40	0.0250	7.50		98.7	70-130			
Surrogate: Bromofluorobenzene	*0.524*		*0.500*		*105*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			
LCS Dup (2447084-BSD1)									Prepared: 11/21/24 Analyzed: 11/22/24
Benzene	2.09	0.0250	2.50		83.6	70-130	15.1	23	
Ethylbenzene	2.13	0.0250	2.50		85.1	70-130	14.8	27	
Toluene	2.15	0.0250	2.50		85.9	70-130	13.6	24	
o-Xylene	2.18	0.0250	2.50		87.1	70-130	12.7	27	
p,m-Xylene	4.31	0.0500	5.00		86.2	70-130	13.5	27	
Total Xylenes	6.49	0.0250	7.50		86.5	70-130	13.2	27	
Surrogate: Bromofluorobenzene	*0.532*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*0.518*		*0.500*		*104*	*70-130*			

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/27/2024 2:54:13PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447084-BLK1)									Prepared: 11/21/24 Analyzed: 11/22/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.458*		*0.500*		*91.5*	*70-130*			
Surrogate: Toluene-d8	*0.531*		*0.500*		*106*	*70-130*			
LCS (2447084-BS2)									Prepared: 11/21/24 Analyzed: 11/22/24
Gasoline Range Organics (C6-C10)	40.0	20.0	50.0		80.0	70-130			
Surrogate: Bromofluorobenzene	*0.539*		*0.500*		*108*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.466*		*0.500*		*93.1*	*70-130*			
Surrogate: Toluene-d8	*0.529*		*0.500*		*106*	*70-130*			
LCS Dup (2447084-BSD2)									Prepared: 11/21/24 Analyzed: 11/22/24
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.6	70-130	15.6	20	
Surrogate: Bromofluorobenzene	*0.555*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.4*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/27/2024 2:54:13PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447089-BLK1)									Prepared: 11/21/24 Analyzed: 11/22/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.0*		*50.0*		*106*	*50-200*			
LCS (2447089-BS1)									Prepared: 11/21/24 Analyzed: 11/22/24
Diesel Range Organics (C10-C28)	276	25.0	250		111	38-132			
Surrogate: n-Nonane	*53.3*		*50.0*		*107*	*50-200*			
Matrix Spike (2447089-MS1)				**Source: E411220-07**					Prepared: 11/21/24 Analyzed: 11/22/24
Diesel Range Organics (C10-C28)	704	25.0	250	578	50.3	38-132			
Surrogate: n-Nonane	*55.3*		*50.0*		*111*	*50-200*			
Matrix Spike Dup (2447089-MSD1)				**Source: E411220-07**					Prepared: 11/21/24 Analyzed: 11/22/24
Diesel Range Organics (C10-C28)	635	25.0	250	578	22.5	38-132	10.4	20	M4
Surrogate: n-Nonane	*54.1*		*50.0*		*108*	*50-200*			

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/27/2024 2:54:13PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447123-BLK1)									Prepared: 11/22/24 Analyzed: 11/22/24
Chloride	ND	20.0							
LCS (2447123-BS1)									Prepared: 11/22/24 Analyzed: 11/22/24
Chloride	253	20.0	250		101	90-110			
LCS Dup (2447123-BSD1)									Prepared: 11/22/24 Analyzed: 11/22/24
Chloride	254	20.0	250		102	90-110	0.552	20	

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

Definitions and Notes

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/27/24 14:54

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Project Information

Chain of Custody

Page 1 of 8

Client: Targa Resources	**Bill To**	
Project: 8341 Leak #58	Attention: Amber Groves	
Project Manager: Brett Dennis	Address: 201 South 4th St.	
Address: 2620 W. Marland Blvd	City, State, Zip: Artesia, New Mexico	
City, State, Zip Hobbs, NM 88240	Phone:	
Phone:	Email:agroves@targaresources.com	
Email bdennis@tasman-geo.com	*PO Pending*	
Report due by:		

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
E 411220	21102.0001				X		
							RCRA

State: NM (x), CO, UT, AZ, TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold	BGDOC NM	GDOC TX	Remarks
13:12	11/18/24	S	1	V-4 @ 1'	1	X	X	X				
13:14	11/18/24	S	1	V-4 @ 2'	2				X			
13:16	11/18/24	S	1	V-4 @ 3'	3				X			
13:18	11/18/24	S	1	V-~~3~~ 4 @ 4'	4				X			
13:20	11/18/24	S	1	V-4 @ 6'	5	X	X	X				
13:50	11/18/24	S	1	V-5 @ 0.5'	6				X			
13:52	11/18/24	S	1	V-5 @ 1'	7	X	X	X				
13:54	11/18/24	S	1	V-5 @ 2'	8				X			
13:56	11/18/24	S	1	V-5 @ 3'	9	X	X	X				
13:58	11/18/24	S	1	V-5 @ 4'	10				X			

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11/20/24	8:07	[signature]	11/20/24	0807
[signature]	11/20/24	1255	Michelle Gonzales	11-20-24	1255
Michelle Gonzales	11-20-24	1645	Andrew M.	11.20.24	1730

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

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

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

Caitlin Mars 11-21-24 8:15

envirotech

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Envirotech Analytical Laboratory

Printed: 11/21/2024 11:23:42AM

Sample Receipt Checklist (SRC)

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

Client:	Targa	Date Received:	11/21/24 08:15	Work Order ID:	E411220
Phone:	(432) 999-8675	Date Logged In:	11/20/24 14:40	Logged In By:	Caitlin Mars
Email:	bdennis@tasman-geo.com	Due Date:	11/27/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project 8341 Leak #58 has been separated into multiple reports due to high sample volume. WO are E411219 to E411222.

Client Instruction

Client Comments: Samples-2,3,4,6,8,10 are all on Hold.

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

Date

envirotech Inc.

Report to:

Brett Dennis

5796 U.S. Hwy 64
Farmington, NM 87401

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

NELAP ACCREDITED TNI LABORATORY

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Targa

Project Name: 8341 Leak #58

Work Order: E411221

Job Number: 21102-0001

Received: 11/21/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/2/24

Date Reported: 12/2/24

Brett Dennis
12600 WCR 91
Midland, TX 79707

Project Name: 8341 Leak #58
Workorder: E411221
Date Received: 11/21/2024 8:15:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/21/2024 8:15:00AM, under the Project Name: 8341 Leak #58.

The analytical test results summarized in this report with the Project Name: 8341 Leak #58 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

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Office: 505-421-LABS(5227)
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ljarboe@envirotech-inc.com

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Client Representative
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	12/02/24 15:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-5 @ 6'	E411221-01A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-5 @ 8'	E411221-02A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-6 @ 0.5'	E411221-03A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-6 @ 1'	E411221-04A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-6 @ 2'	E411221-05A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-6 @ 3'	E411221-06A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-6 @ 4'	E411221-07A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-6 @ 6'	E411221-08A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-6 @ 8'	E411221-09A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-6 @ 10'	E411221-10A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-7 @ 0.5'	E411221-11A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-7 @ 1'	E411221-12A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-7 @ 2'	E411221-13A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-7 @ 3'	E411221-14A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-7 @ 4'	E411221-15A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-7 @ 6'	E411221-16A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-8 @ 0.5'	E411221-17A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-8 @ 1'	E411221-18A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-8 @ 2'	E411221-19A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.
V-8 @ 3'	E411221-20A	Soil	11/19/24	11/21/24	Glass Jar, 2 oz.

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	12/2/2024 3:55:00PM

V-5 @ 8'

E411221-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/21/24*	*11/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/21/24*	*11/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447097
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
Surrogate: n-Nonane		*91.4 %*	*50-200*	*11/21/24*	*11/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447108
Chloride	ND	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	12/2/2024 3:55:00PM

V-6 @ 0.5'

E411221-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	**0.208**	0.0250	1	11/21/24	11/21/24	
Toluene	**0.206**	0.0250	1	11/21/24	11/21/24	
o-Xylene	**0.460**	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	**0.554**	0.0500	1	11/21/24	11/21/24	
Total Xylenes	**1.01**	0.0250	1	11/21/24	11/21/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/21/24*	*11/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*11/21/24*	*11/21/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/21/24*	*11/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447097
Diesel Range Organics (C10-C28)	**5420**	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	**2160**	50.0	1	11/21/24	11/21/24	
Surrogate: n-Nonane		*93.4 %*	*50-200*	*11/21/24*	*11/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447108
Chloride	**4440**	40.0	2	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	12/2/2024 3:55:00PM

V-6 @ 4'

E411221-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447097
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*86.2 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447108
Chloride	**1540**	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	12/2/2024 3:55:00PM

V-6 @ 8'

E411221-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447097
Diesel Range Organics (C10-C28)	**25.1**	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*89.3 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447108
Chloride	**102**	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	12/2/2024 3:55:00PM

V-6 @ 10'

E411221-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447097
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*92.6 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447108
Chloride	**26.4**	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	12/2/2024 3:55:00PM

V-7 @ 2'

E411221-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*75.0 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*137 %*	*70-130*	*11/21/24*	*11/22/24*	*S3*
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*75.0 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*137 %*	*70-130*	*11/21/24*	*11/22/24*	*S3*
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447097
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*95.1 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447108
Chloride	ND	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	12/2/2024 3:55:00PM

V-7 @ 6'

E411221-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447097
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*89.2 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447108
Chloride	ND	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	12/2/2024 3:55:00PM

V-8 @ 2'

E411221-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Benzene	ND	0.0250	1	11/21/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/22/24	
Toluene	ND	0.0250	1	11/21/24	11/22/24	
o-Xylene	ND	0.0250	1	11/21/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2447103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/22/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*11/21/24*	*11/22/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*11/21/24*	*11/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2447097
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*96.3 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447108
Chloride	ND	20.0	1	11/21/24	11/22/24	

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	12/2/2024 3:55:00PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447103-BLK1)									Prepared: 11/21/24 Analyzed: 11/21/24
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: Bromofluorobenzene	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.4*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			
LCS (2447103-BS1)									Prepared: 11/21/24 Analyzed: 11/21/24
Benzene	2.59	0.0250	2.50		104	70-130			
Ethylbenzene	2.83	0.0250	2.50		113	70-130			
Toluene	2.75	0.0250	2.50		110	70-130			
o-Xylene	2.99	0.0250	2.50		119	70-130			
p,m-Xylene	5.99	0.0500	5.00		120	70-130			
Total Xylenes	8.97	0.0250	7.50		120	70-130			
Surrogate: Bromofluorobenzene	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS Dup (2447103-BSD1)									Prepared: 11/21/24 Analyzed: 11/21/24
Benzene	2.55	0.0250	2.50		102	70-130	1.54	23	
Ethylbenzene	2.85	0.0250	2.50		114	70-130	0.845	27	
Toluene	2.73	0.0250	2.50		109	70-130	0.529	24	
o-Xylene	2.71	0.0250	2.50		109	70-130	9.53	27	
p,m-Xylene	5.48	0.0500	5.00		110	70-130	8.77	27	
Total Xylenes	8.20	0.0250	7.50		109	70-130	9.02	27	
Surrogate: Bromofluorobenzene	*0.470*		*0.500*		*93.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	12/2/2024 3:55:00PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447103-BLK1)									Prepared: 11/21/24 Analyzed: 11/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.4*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			
LCS (2447103-BS2)									Prepared: 11/21/24 Analyzed: 11/21/24
Gasoline Range Organics (C6-C10)	55.6	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.460*		*0.500*		*92.0*	*70-130*			
Surrogate: Toluene-d8	*0.528*		*0.500*		*106*	*70-130*			
LCS Dup (2447103-BSD2)									Prepared: 11/21/24 Analyzed: 11/21/24
Gasoline Range Organics (C6-C10)	52.8	20.0	50.0		106	70-130	5.21	20	
Surrogate: Bromofluorobenzene	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	12/2/2024 3:55:00PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447097-BLK1)									Prepared: 11/21/24 Analyzed: 11/21/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.3*		*50.0*		*88.5*	*50-200*			
LCS (2447097-BS1)									Prepared: 11/21/24 Analyzed: 11/21/24
Diesel Range Organics (C10-C28)	241	25.0	250		96.3	38-132			
Surrogate: n-Nonane	*48.4*		*50.0*		*96.8*	*50-200*			
Matrix Spike (2447097-MS1)				**Source: E411221-18**					Prepared: 11/21/24 Analyzed: 11/21/24
Diesel Range Organics (C10-C28)	240	25.0	250	ND	96.2	38-132			
Surrogate: n-Nonane	*48.4*		*50.0*		*96.7*	*50-200*			
Matrix Spike Dup (2447097-MSD1)				**Source: E411221-18**					Prepared: 11/21/24 Analyzed: 11/21/24
Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.6	38-132	7.06	20	
Surrogate: n-Nonane	*45.0*		*50.0*		*90.1*	*50-200*			

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	12/2/2024 3:55:00PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447108-BLK1)									Prepared: 11/21/24 Analyzed: 11/21/24
Chloride	ND	20.0							
LCS (2447108-BS1)									Prepared: 11/21/24 Analyzed: 11/21/24
Chloride	251	20.0	250		101	90-110			
LCS Dup (2447108-BSD1)									Prepared: 11/21/24 Analyzed: 11/21/24
Chloride	251	20.0	250		100	90-110	0.112	20	

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

Definitions and Notes

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	12/02/24 15:55

S3	Surrogate spike recovery was outside acceptance limits. LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Client Information		Bill To	Lab Use Only		TAT				EPA Program	
Client:	Targa Resources	Attention: Amber Groves	Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
Project:	8341 Leak #58	Address: 201 South 4th St.	E411221	21102-0001				X		
Project Manager:	Brett Dennis	City, State, Zip: Artesia, New Mexico	Analysis and Method							RCRA
Address:	2620 W. Marland Blvd	Phone:							State	
City, State, Zip	Hobbs, NM 88240	Email:agroves@targaresources.com							NM: X	CO, UT, AZ, TX
Phone:		*PO Pending*								
Email	bdennis@tasman-geo.com									
Report due by:										

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold	BGDOC NM	GDOC TX	Remarks
14:00	11/18/24	S	1	V-5 @ 6'	1				X			
14:02	11/18/24	S	1	V-5 @ 8'	2	X	X	X				
11:32	11/19/24	S	1	V-6 @ 0.5'	3	X	X	X				
11:34	11/19/24	S	1	V-6 @ 1'	4				X			
11:36	11/19/24	S	1	V-6 @ 2'	5				X			
11:38	11/19/24	S	1	V-6 @ 3'	6				X			
11:40	11/19/24	S	1	V-6 @ 4'	7	X	X	X				
11:42	11/19/24	S	1	V-6 @ 6'	8				X			
11:44	11/19/24	S	1	V-6 @ 8'	9	X	X	X				
11:46	11/19/24	S	1	V-6 @ 10'	10	X	X	X				

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11/20/24	8:07	[signature]	11/20/24	0807
[signature]	11/20/24	1255	Michelle Gonzales	11-20-24	1255
Michelle Gonzales	11-20-24	1645	[signature]	11.20.24	1730

Lab Use Only

Received on ice: (Y) / N

T1 ______ T2 ______ T3 ______

AVG Temp °C 4

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

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

Caitlin Mars 11.21.24 8:15

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Project Information | Chain of Custody | Page 1 of 6 (0.G) 8

Client:	Targa Resources
Project:	8341 Leak #58
Project Manager:	Brett Dennis
Address:	2620 W. Marland Blvd
City, State, Zip	Hobbs, NM 88240
Phone:	
Email	bdennis@tasman-geo.com
Report due by:	

Bill To

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

Lab Use Only: Lab WO# E411221 | Job Number 21102.0001

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

EPA Program: CWA | SDWA | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold	BGDOC NM	GDOC TX	Remarks
9:24	11/18/24	S	1	V-7 @ 0.5	11				X			
9:26	11/18/24	S	1	V-7 @ 1'	12				X			
9:28	11/19/24	S	1	V-7 @ 2'	13	X	X	X				
9:30	11/19/24	S	1	V-7 @ 3'	14				X			
9:32	11/19/24	S	1	V-7 @ 4'	15				X			
9:34	11/19/24	S	1	V-7 @ 6'	16	X	X	X				
10:04	11/19/24	S	1	V-8 @ 0.5'	17				X			
10:06	11/19/24	S	1	V-8 @ 1'	18				X			
10:08	11/19/24	S	1	V-8 @ 2'	19	X	X	X				
10:10	11/19/24	S	1	V-8 @ 3'	20				X			

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11/20/24	8:07		11/20/24	0807
	11/20/24	1255	Michelle Gonzales	11-20-24	1255
Michelle Gonzales	11-20-24	1645		11.20.24	1730

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

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

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

Caitlin Mair 11.21.24 8:15

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Envirotech Analytical Laboratory

Printed: 11/21/2024 11:19:58AM

Sample Receipt Checklist (SRC)

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

Client:	Targa	Date Received:	11/21/24 08:15	Work Order ID:	E411221
Phone:	(432) 999-8675	Date Logged In:	11/20/24 14:45	Logged In By:	Caitlin Mars
Email:	bdennis@tasman-geo.com	Due Date:	11/27/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project 8341 Leak #58 has been separated into multiple reports due to high sample volume. WO are E411219 to E411222.

Client Instruction

Client Comments: Samples-1,4,5,6,8,11,12,14,15,17,18,20 are all on Hold.

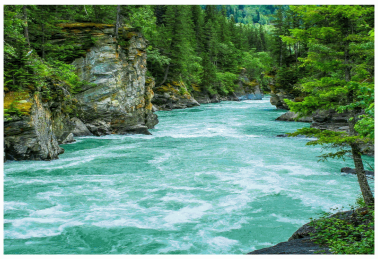
Signature of client authorizing changes to the COC or sample disposition.

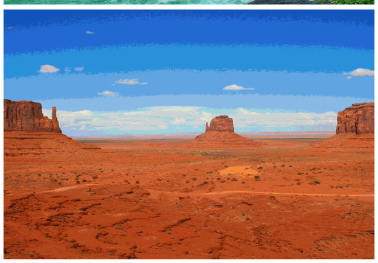
Date

envirotech Inc.

Report to:

Brett Dennis





5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Targa

Project Name:	8341 Leak #58
Work Order:	E411222
Job Number:	21102-0001
Received:	11/21/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/26/24

Date Reported: 11/26/24

Brett Dennis
12600 WCR 91
Midland, TX 79707

Project Name: 8341 Leak #58
Workorder: E411222
Date Received: 11/21/2024 8:15:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/21/2024 8:15:00AM, under the Project Name: 8341 Leak #58.

The analytical test results summarized in this report with the Project Name: 8341 Leak #58 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,

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Table of Contents

Sample Summary

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/24 12:03

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-8 @ 4'	E411222-01A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-8 @ 6'	E411222-02A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-9 @ 0.5'	E411222-03A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-9 @ 1'	E411222-04A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-9 @ 2'	E411222-05A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-9 @ 3'	E411222-06A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-9 @ 4'	E411222-07A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-9 @ 6'	E411222-08A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-9 @ 8'	E411222-09A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-9 @ 10'	E411222-10A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-9 @ 12'	E411222-11A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-10 @ 0.5'	E411222-12A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-10 @ 1'	E411222-13A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-10 @ 2'	E411222-14A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-10 @ 3'	E411222-15A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-10 @ 4'	E411222-16A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.
V-10 @ 6'	E411222-17A	Soil	11/18/24	11/21/24	Glass Jar, 2 oz.

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 12:03:54PM

V-8 @ 4'

E411222-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2447104
Benzene	ND	0.0250	1	11/21/24	11/25/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/25/24	
Toluene	ND	0.0250	1	11/21/24	11/25/24	
o-Xylene	ND	0.0250	1	11/21/24	11/25/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/25/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*87.2 %*	*70-130*	*11/21/24*	*11/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2447104
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*11/21/24*	*11/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2447098
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*11/21/24*	*11/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447109
Chloride	ND	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 12:03:54PM

V-8 @ 6'

E411222-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2447104
Benzene	ND	0.0250	1	11/21/24	11/25/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/25/24	
Toluene	ND	0.0250	1	11/21/24	11/25/24	
o-Xylene	ND	0.0250	1	11/21/24	11/25/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/25/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*87.4 %*	*70-130*	*11/21/24*	*11/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2447104
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*11/21/24*	*11/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2447098
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*11/21/24*	*11/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447109
Chloride	ND	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 12:03:54PM

V-9 @ 2'

E411222-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2447104
Benzene	ND	0.0500	2	11/21/24	11/25/24	
Ethylbenzene	**0.155**	0.0500	2	11/21/24	11/25/24	
Toluene	**0.150**	0.0500	2	11/21/24	11/25/24	
o-Xylene	**1.08**	0.0500	2	11/21/24	11/25/24	
p,m-Xylene	**2.70**	0.100	2	11/21/24	11/25/24	
Total Xylenes	**3.77**	0.0500	2	11/21/24	11/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*11/21/24*	*11/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2447104
Gasoline Range Organics (C6-C10)	**56.6**	40.0	2	11/21/24	11/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.6 %*	*70-130*	*11/21/24*	*11/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2447098
Diesel Range Organics (C10-C28)	**14900**	125	5	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	**5600**	250	5	11/21/24	11/22/24	
Surrogate: n-Nonane		*127 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447109
Chloride	**222**	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 12:03:54PM

V-9 @ 6'

E411222-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2447104
Benzene	ND	0.0250	1	11/21/24	11/25/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/25/24	
Toluene	ND	0.0250	1	11/21/24	11/25/24	
o-Xylene	ND	0.0250	1	11/21/24	11/25/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/25/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*87.6 %*	*70-130*	*11/21/24*	*11/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2447104
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*11/21/24*	*11/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2447098
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447109
Chloride	**1060**	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 12:03:54PM

V-9 @ 12'

E411222-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2447104
Benzene	ND	0.0250	1	11/21/24	11/25/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/25/24	
Toluene	ND	0.0250	1	11/21/24	11/25/24	
o-Xylene	ND	0.0250	1	11/21/24	11/25/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/25/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/25/24	
Surrogate: 4-Bromochlorobenzene-PID		*88.1 %*	*70-130*	*11/21/24*	*11/25/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2447104
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*11/21/24*	*11/25/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2447098
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447109
Chloride	**122**	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 12:03:54PM

V-10 @ 2'

E411222-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2447104
Benzene	ND	0.0250	1	11/21/24	11/26/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/26/24	
Toluene	ND	0.0250	1	11/21/24	11/26/24	
o-Xylene	ND	0.0250	1	11/21/24	11/26/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/26/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/26/24	
Surrogate: 4-Bromochlorobenzene-PID		*88.2 %*	*70-130*	*11/21/24*	*11/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2447104
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*11/21/24*	*11/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2447098
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447109
Chloride	ND	20.0	1	11/21/24	11/22/24	

Sample Data

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 12:03:54PM

V-10 @ 6'

E411222-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2447104
Benzene	ND	0.0250	1	11/21/24	11/26/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/26/24	
Toluene	ND	0.0250	1	11/21/24	11/26/24	
o-Xylene	ND	0.0250	1	11/21/24	11/26/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/26/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/26/24	
Surrogate: 4-Bromochlorobenzene-PID		*88.0 %*	*70-130*	*11/21/24*	*11/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2447104
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*11/21/24*	*11/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2447098
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/22/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*11/21/24*	*11/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2447109
Chloride	ND	20.0	1	11/21/24	11/22/24	

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 12:03:54PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447104-BLK1)									Prepared: 11/21/24 Analyzed: 11/25/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.98*		*8.00*		*87.3*	*70-130*			
LCS (2447104-BS1)									Prepared: 11/21/24 Analyzed: 11/25/24
Benzene	5.32	0.0250	5.00		106	70-130			
Ethylbenzene	5.12	0.0250	5.00		102	70-130			
Toluene	5.24	0.0250	5.00		105	70-130			
o-Xylene	5.11	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.98*		*8.00*		*87.3*	*70-130*			
LCS Dup (2447104-BSD1)									Prepared: 11/21/24 Analyzed: 11/25/24
Benzene	5.18	0.0250	5.00		104	70-130	2.75	20	
Ethylbenzene	4.98	0.0250	5.00		99.6	70-130	2.90	20	
Toluene	5.09	0.0250	5.00		102	70-130	2.88	20	
o-Xylene	4.96	0.0250	5.00		99.1	70-130	2.96	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	2.97	20	
Total Xylenes	15.1	0.0250	15.0		100	70-130	2.97	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.09*		*8.00*		*88.7*	*70-130*			

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 12:03:54PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447104-BLK1)									Prepared: 11/21/24 Analyzed: 11/25/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.62*		*8.00*		*95.2*	*70-130*			
LCS (2447104-BS2)									Prepared: 11/21/24 Analyzed: 11/25/24
Gasoline Range Organics (C6-C10)	38.8	20.0	50.0		77.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
LCS Dup (2447104-BSD2)									Prepared: 11/21/24 Analyzed: 11/25/24
Gasoline Range Organics (C6-C10)	36.8	20.0	50.0		73.5	70-130	5.37	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.55*		*8.00*		*94.4*	*70-130*			

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 12:03:54PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447098-BLK1)									Prepared: 11/21/24 Analyzed: 11/21/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.0*		*50.0*		*106*	*50-200*			
LCS (2447098-BS1)									Prepared: 11/21/24 Analyzed: 11/21/24
Diesel Range Organics (C10-C28)	246	25.0	250		98.3	38-132			
Surrogate: n-Nonane	*54.1*		*50.0*		*108*	*50-200*			
Matrix Spike (2447098-MS1)				**Source: E411222-04**					Prepared: 11/21/24 Analyzed: 11/21/24
Diesel Range Organics (C10-C28)	3230	25.0	250	4130	NR	38-132			M4
Surrogate: n-Nonane	*55.1*		*50.0*		*110*	*50-200*			
Matrix Spike Dup (2447098-MSD1)				**Source: E411222-04**					Prepared: 11/21/24 Analyzed: 11/21/24
Diesel Range Organics (C10-C28)	3290	25.0	250	4130	NR	38-132	1.98	20	M4
Surrogate: n-Nonane	*55.4*		*50.0*		*111*	*50-200*			

QC Summary Data

Targa	Project Name:	8341 Leak #58	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/2024 12:03:54PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2447109-BLK1)									Prepared: 11/21/24 Analyzed: 11/22/24
Chloride	ND	20.0							
LCS (2447109-BS1)									Prepared: 11/21/24 Analyzed: 11/22/24
Chloride	265	20.0	250		106	90-110			
LCS Dup (2447109-BSD1)									Prepared: 11/21/24 Analyzed: 11/22/24
Chloride	265	20.0	250		106	90-110	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

Targa	Project Name:	8341 Leak #58	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brett Dennis	11/26/24 12:03

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Project Information | Chain of Custody | Page 1 of 8 (7 of 8)

0.9

Client: Targa Resources	Bill To	Lab Use Only		TAT				EPA Program	
Project: 8341 Leak #58	Attention: Amber Groves	Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
Project Manager: Brett Dennis	Address: 201 South 4th St.	E411222	21102.0001				X		
Address: 2620 W. Marland Blvd	City, State, Zip: Artesia, New Mexico	Analysis and Method							RCRA
City, State, Zip Hobbs, NM 88240	Phone:								
Phone:	Email:agroves@targaresources.com								
Email bdennis@tasman-geo.com	*PO Pending*								
Report due by:									

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold				BGDOC NM		GDOC TX		Remarks
10:12	11/18/24	S	1	V-8 @ 4'	1	X	X	X									
10:14	11/18/24	S	1	V-8 @ 6'	2	X	X	X									
13:20	11/19/24	S	1	V-9 @ 0.5'	3				X								
13:22	11/19/24	S	1	V-9 @ 1'	4				X								
13:24	11/19/24	S	1	V-9 @ 2'	5	X	X	X									
13:26	11/19/24	S	1	V-9 @ 3'	6				X								
13:28	11/19/24	S	1	V-9 @ 4'	7				X								
13:30	11/19/24	S	1	V-9 @ 6'	8	X	X	X									
13:32	11/19/24	S	1	V-9 @ 8'	9				X								
13:34	11/19/24	S	1	V-9 @ 10'	10				X								

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11/20/24	6:07	[signature]	11/20/24	0807
[signature]	11/20/24	1255	Michelle Gonzales	11-20-24	1255
Michelle Gonzales	11-20-24	1645	[signature]	11.20.24	1730

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

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

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

Caitlin Mars 11.21.24 8:15

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Project Information | Chain of Custody | Page 1 of 8 (8 O.G 8)

Client:	Targa Resources
Project:	8341 Leak #58
Project Manager:	Brett Dennis
Address:	2620 W. Marland Blvd
City, State, Zip	Hobbs, NM 88240
Phone:	
Email	bdennis@tasman-geo.com
Report due by:	

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

Lab Use Only
Lab WO# E411222
Job Number 21102.0001

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

EPA Program: CWA | SDW | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Chloride 300.0	Hold	BGDOC NM	GDOC TX	Remarks
13:36	11/18/24	S	1	V-9 @ 12'	11	X	X	X				
14:30	11/18/24	S	1	V-10 @ 0.5	12				X			
14:32	11/19/24	S	1	V-10 @ 1'	13				X			
14:34	11/19/24	S	1	V-10 @ 2'	14	X	X	X				
14:36	11/19/24	S	1	V-10 @ 3'	15				X			
14:38	11/19/24	S	1	V-10 @ 4'	16				X			
14:40	11/19/24	S	1	V-10 @ 6'	17	X	X	X				

Page 18 of 19

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11/20/24	8:07		11/20/24	0807
	11/20/24	1255	Michelle Gonzales	11-20-24	1255
Michelle Gonzales	11-20-24	1645		11.20.24	1730
			Caitlin Mair	11.21.24	8:15

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

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

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

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Envirotech Analytical Laboratory

Printed: 11/21/2024 10:22:10AM

Sample Receipt Checklist (SRC)

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

Client:	Targa	Date Received:	11/21/24 08:15	Work Order ID:	E411222
Phone:	(432) 999-8675	Date Logged In:	11/20/24 14:50	Logged In By:	Caitlin Mars
Email:	bdennis@tasman-geo.com	Due Date:	11/27/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project 8341 Leak #58 has been separated into multiple reports due to high sample volume. WO are E411219 to E411222.

Client Instruction

Client Comments: Samples-3,4,6,7,9,10,12,13,15,16 are all on Hold.

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

Date

envirotech Inc.

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

QUESTIONS

Action 428738

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 428738
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2424237514**
Incident Name	**NAPP2424237514 LEAK #58 @ 0**
Incident Type	**Natural Gas Release**
Incident Status	**Remediation Plan Received**
Incident Facility	**[fAPP2123021777] Targa NM Gathering System**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Leak #58
Date Release Discovered	08/28/2024
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Corrosion | Pipeline (Any) | Condensate | Released: 51 BBL | Recovered: 38 BBL | Lost: 13 BBL.
Natural Gas Vented (Mcf) Details	Cause: Corrosion | Pipeline (Any) | Natural Gas Vented | Released: 144 MCF | Recovered: 0 MCF | Lost: 144 MCF.
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 428738
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 02/05/2025

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QUESTIONS (continued)

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 428738
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (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)	Greater than 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 ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 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	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	7380
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	7580
GRO+DRO (EPA SW-846 Method 8015M)	7580
BTEX (EPA SW-846 Method 8021B or 8260B)	4.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	04/27/2025
On what date will (or did) the final sampling or liner inspection occur	04/27/2025
On what date will (or was) the remediation complete(d)	05/31/2025
What is the estimated surface area (in square feet) that will be reclaimed	2000
What is the estimated volume (in cubic yards) that will be reclaimed	296
What is the estimated surface area (in square feet) that will be remediated	2000
What is the estimated volume (in cubic yards) that will be remediated	296
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 428738
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(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	J&L LANDFARM [fEEM0112339187]
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	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 02/05/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 428738
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS (continued)

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	24650
	Action Number: 428738
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

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CONDITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 428738
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved with the following conditions; 1. The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be preferably within ½ mile away from the site. Targa may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater. 2. Alternative sampling frequency increase to 400 square feet per one five-point composite is denied due to bullet #1. 3. Given the determination made in bullet #1, the closure standard for this release must meet Table I of 19.15.29.12 NMAC for groundwater < 50 feet unless the operator has taken the necessary action listed in bullet #1 and amends its remedation plan.	2/19/2025
nvelez	4. Prior to backfilling any open excavations per 19.15.29.12D (2) NMAC, Targa must collect a minimum of one (1) 5pcs from the media being used as backfill to verify that it meets non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. This is especially important for the material being used within the top four (4) feet from the ground surface. 5. Targa has 90-days (May 20, 2025) to submit to OCD its appropriate or final remediation closure report.	2/19/2025