SITE INFORMATION

Report Type: Closure Report (NAB1710853071)

General Site Information:						
Site:	**Palo Duro Gas Plant**					
Company:	**Targa Resources**					
Section, Township and Range	**Unit I**	**Sec. 35**	**T 23S**	**R 27E**		
Lease Number:						
County:	**Eddy County**					
GPS:	**32.1502**			**-104.198000**		
Surface Owner:	State					
Mineral Owner:						
Directions:	From intersection 716 & Bounds Rd, travel west on Bounds Rd for 3.04 miles. Turn left (south) onto lease road, follow for 0.11 miles. Turn Right (west) into entrance. Area is located on the North area of the pad.					

Release Data:	
Date Released:	4/12/2017
Type Release:	Condensate and Gas
Source of Contamination:	Inlet liquid handling process overwhelmed by a slug of liquid
Fluid Released:	2 bbl condensate & 50 MCF gas
Fluids Recovered:	0 bbl condensate & 0 MCF Gas

Official Communication:			
Name:	Michael Gant		Clair Gonzales
Company:	Targa Resources		Tetra Tech
Address:	3100 McKinnon St #800		901 W. Wall St.
			Ste 100
City:	Dallas, Texas 75201		Midland, Texas, 79701
Phone number:	(314) 330-7876		(432) 682-4559
Fax:			
Email:	Mgant@targaresources.com		clair.gonzales@tetratech.com

Site Characterization	
Depth to Groundwater:	*67' Below Ground Surface*
Karst Potential:	*Medium*

Recommended Remedial Action Levels (RRALs)				
Benzene	***Total BTEX***	***TPH (GRO+DRO)***	***TPH (GRO+DRO+MRO)***	***Chlorides***
10 mg/kg	*50 mg/kg*	*100 mg/kg*	*100 mg/kg*	*600 mg/kg*

TETRA TECH

December 15, 2023

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Site Closure Report
Targa Resources
Palo Duro Gas Plant
Eddy County, New Mexico
NAB1710853071

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by Targa Resources (Targa) to assess a release that occurred at the Palo Duro Gas Plant release, Unit I, Section 35, Township 23 South, Range 27 East, Eddy County, New Mexico (Site). The spill site coordinates are 32.260797°, -104.154875°. The site location is shown on **Figures 1 and 2**.

Background

Release (NAB1710853071)

According to the State of New Mexico C-141 Initial Report, the release at the Site was caused by a slug of liquid was pushed into the system by a pig which led to a blowout of liquids and ignited a fire across the pad up to the fence line. The release was an overspray that impacted the pad surrounding the equipment onsite, impacting an area of 30' in length and 50' in width. Additionally, none of fluids were recovered. On April 11, 2017, the release was discovered and reported to the New Mexico Oil Conservation Division (NMOCD) on April 17, 2017. The C-141 is shown in **Appendix A**.

Site Characterization

Significant Water Features

According to the NFHL (National Flood Hazard Layer) Flood Data Application and the USGS (United States Geological Survey) National Water Information System Mapper, there were no watercourses, lakebeds, sinkholes, playa lakes, springs, wetlands, subsurface mines, private domestic water wells, or floodplains located within the specified distances. Additionally, the site is located in a medium karst area. The NFHL Map, USGS Mapper, and Karst map are shown in **Appendix B**.

Significant Boundaries

According to Google Earth US Government City Boundaries and US School Districts, the lateral extents of the release were not within an incorporated municipal boundary, defined municipal fresh water well field, or a school district. Additionally, there were no occupied

permanent residences, schools, hospitals, institution, or churches located within the specified distances of the lateral extents of the release.

Groundwater Review

Groundwater research was completed for the site through the USGS (United States Geological Survey) National Water Information System and New Mexico Office of the State Engineer (NMOSE) Water Rights Reporting System. Groundwater research conducted through these two resources, show the two closest water wells within a 1.5-mile radius of the Site. The well reported on the NMOSE Water Rights Reporting System reports a total depth of 150 ft bgs and measured water level of 67 ft bgs and is approximately 0.84 miles of the Site. The well reported on the USGS National Water Information System reports a water level measured at 110.98 ft bgs and is approximately 1.00 miles of the Site. The groundwater information is shown in **Appendix B**.

Distance from Site	Date of Data	Resource of Information	Depth of Well	Depth to Water
0.84 Miles	06/24/2004	NMOSE	150’	67’
1.00 Miles	02/11/1988	USGS	156’	110.98’

Regulatory

A risk-based evaluation was performed for the site following the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases, updated August 14, 2018. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Based upon the site characterization, the proposed RRAL for TPH is 100 mg/kg (GRO + DRO + ORO). Additionally, based on the site characterization, the proposed RRAL for chlorides is 600 mg/kg.

Site Assessment and Remediation Activities

Initial Release Site Assessment Activities

Tetra Tech conducted site assessment activities on August 30, 2023. A total of eight (8) auger holes (AH-1 through AH-8) were installed to depths ranging from surface to 3.5 ft bgs, to attempt to assess and vertically delineate the impacted the area. Deeper samples were not collected due to dense geological formation. Additionally, a total of six horizontals (H-1 through H-6) were installed at surface depths, to horizontally delineate the impact. The impact and sample locations are shown on **Figure 3.**

The samples were submitted to EnviroTech Laboratories in Farmington, New Mexico to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0. The analytical results are summarized in **Table 1** and the analytical laboratory reports are included in **Appendix C**.

Referring to Table 1, all auger holes (AH-1 through AH-8) did not indicate TPH, BTEX, or chloride concentrations above RRALs. Additionally, horizontal samples (H-1, H-2, H-4, H-5, H-7 and H8) did not indicate benzene, BTEX, TPH, or chloride concentrations above RRALs. However, horizontals (H-3 and H-6) indicated TPH concentrations above RRALs, with concentrations ranging from 246 mg/kg to 955 mg/kg at surface depths.

Initial Release Remediation Activities

Tetra Tech conducted delineation and remediation activities on November 2, 2023. The areas of impact were remediated to depths ranging from 4.0 ft bgs to 8.0 ft bgs. The remediation areas and depths are shown on **Figure 4.**

Following remediation activities, Tetra Tech conducted confirmation sampling by collecting 5-point composite bottom hole samples and 5-point composite sidewall samples every 200 square feet within the remediation. All confirmation samples are collected as a composite 5-point die pattern to ensure a representative sample of the floor and sidewalls of the excavation are collected. Additionally, a total of eight (8) horizontal and vertical (H-7 through H-14) were collected to confirm horizontal delineation of the impacted soil. The confirmation soil samples were submitted to the Envirotech Laboratory in Farmington, New Mexico to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0 and EPA Method 4500. The analytical results are summarized in **Table 1 and Table 2**, the analytical laboratory reports are included in **Appendix C,** and the sample locations are shown on **Figure 4**.

Regarding all final samples collected from the remediation and additional horizontal delineation, analytical results indicated benzene, BTEX, TPH, and chloride concentrations were below the RRALs.

Conclusions

Based on the C-141's (NAB1710853071) and information provided by Targa Resources (Targa), Tetra Tech performed site characterization and groundwater research to determine groundwater depth, proximity from significant water features, and proximity from specified populated entities to determine RRALs and assess the impacted area. Based on the OCD *Guidelines for Remediation of Leaks, Spills, and Releases*, updated August 14, 2018, according to the groundwater data found during research activities, the RRALs of 600 mg/kg for chlorides and 100 mg/kg for TPH were followed. Based on Tetra Tech assessment activities, laboratory results indicated TPH and BTEX concentrations in both releases that exceeded RRALs and required remediation.

Following remediation of the areas of impact, Tetra Tech conducted confirmation soil sampling of the area by collecting 5-point composite confirmation bottom hole and sidewall samples to ensure the impacted soil was fully removed. Approximately 12 cubic yards total of impacted soil was removed and properly disposed of from the release. The area was backfilled with clean to surface grade material. The analytical results indicated all confirmation samples reported below the RRALs for all constituents. Based on this information, it is recommended

that the remediated pad at this Site requires no further action. The final C-141 is included in **Appendix A**. Additionally, state correspondence for the site is included in **Appendix D**.

If you require any additional information or have any questions or comments, please contact us at (432) 682-4559.

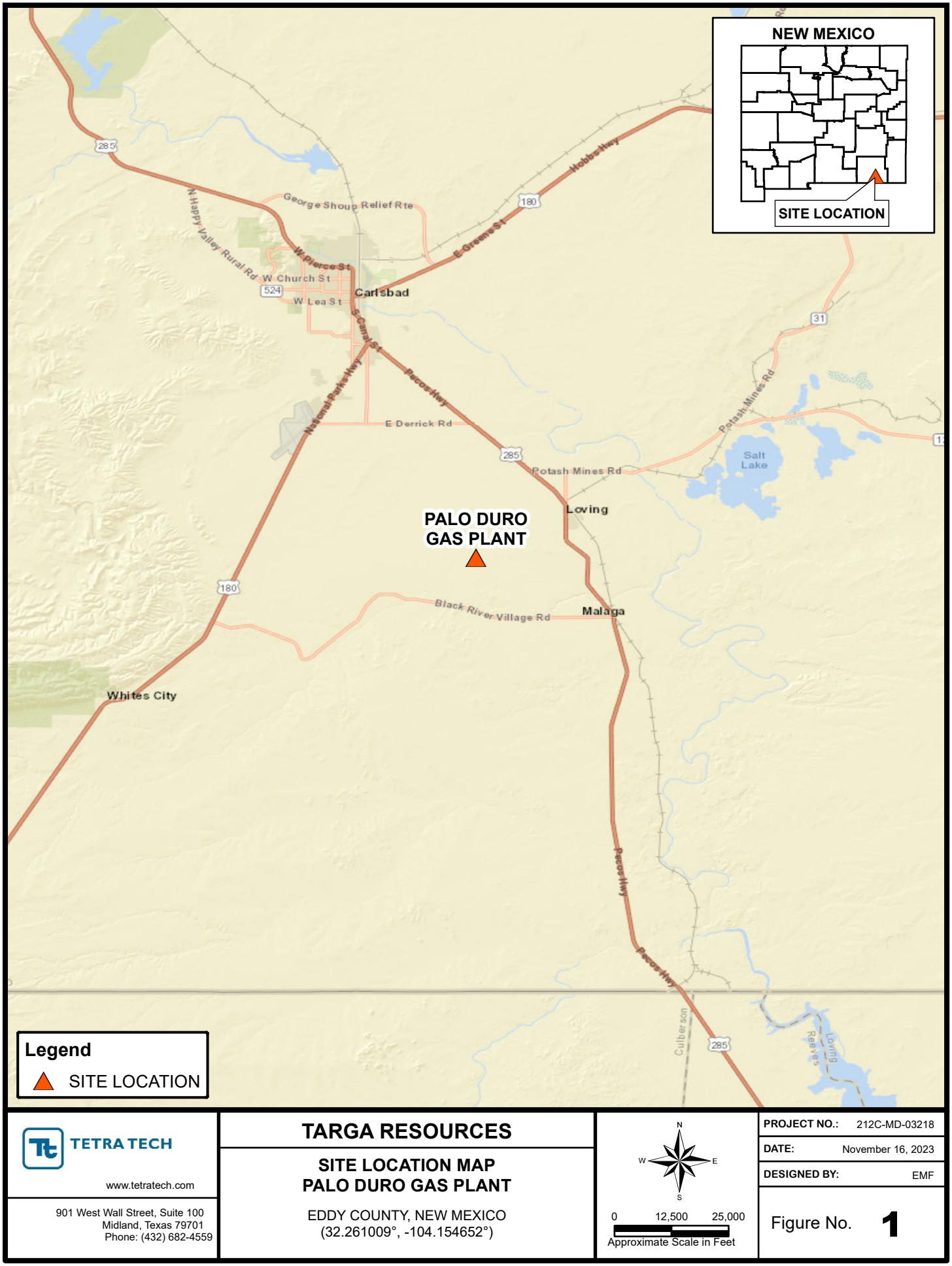
Respectfully submitted,
TETRA TECH

Brittany Long,
Project Manager

Clair Gonzales, P.G.
Senior Project Manager

TETRA TECH

Figures



TETRA TECH

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TARGA RESOURCES

SITE LOCATION MAP
PALO DURO GAS PLANT

EDDY COUNTY, NEW MEXICO
(32.261009°, -104.154652°)

N
W E
S

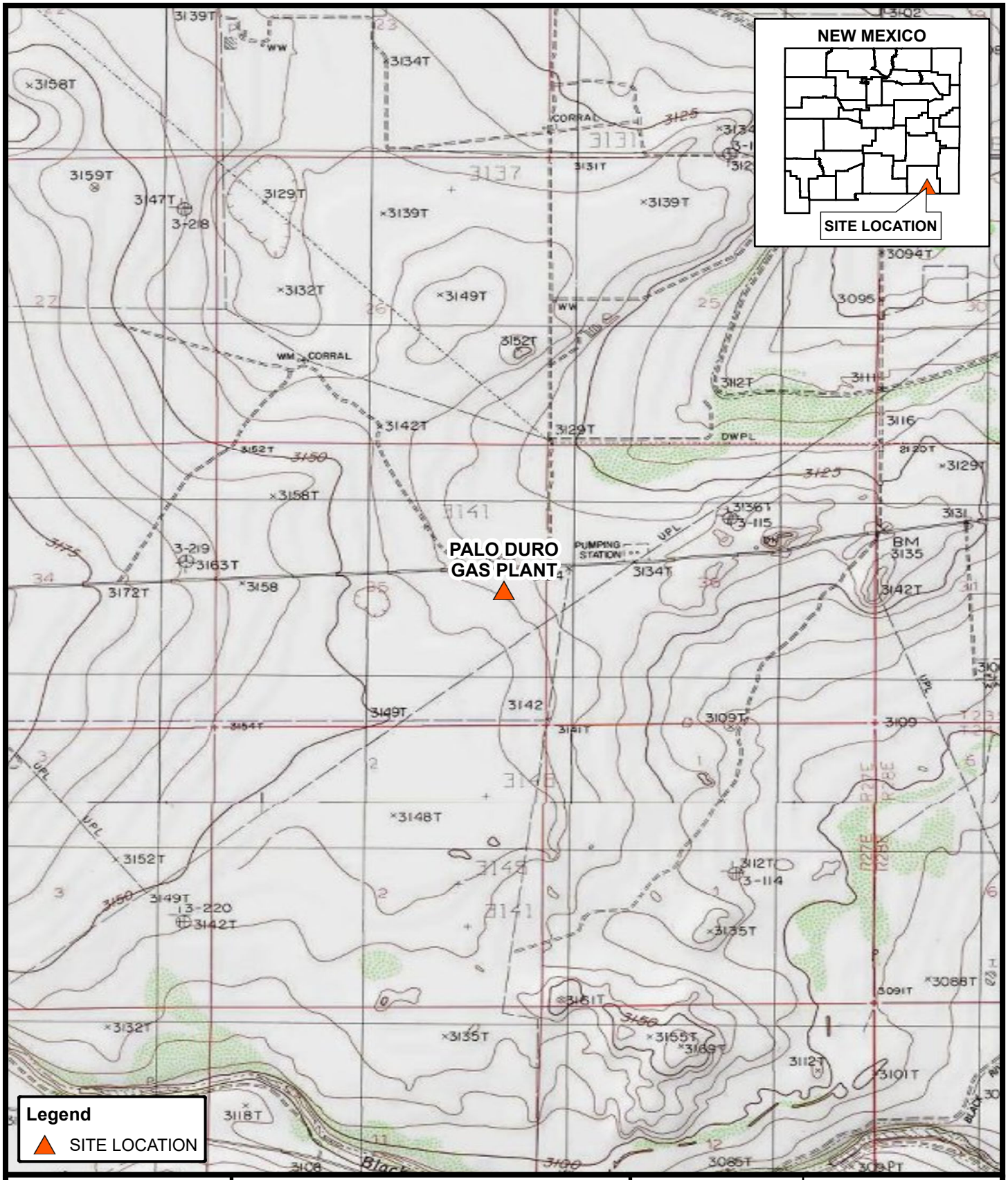
0 12,500 25,000
Approximate Scale in Feet

PROJECT NO.:	212C-MD-03218
DATE:	November 16, 2023
DESIGNED BY:	EMF

Figure No. **1**

Document Path: C:\Users\E.MORENO\FLORES\Documents\Projects\Targa\03218 - Palo Duro Gas Plant\GIS\MXD\Figure 1 - 03218 - Targa - Palo Duro Gas Plant.mxd

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



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TARGA RESOURCES

TOPOGRAPHIC MAP
PALO DURO GAS PLANT

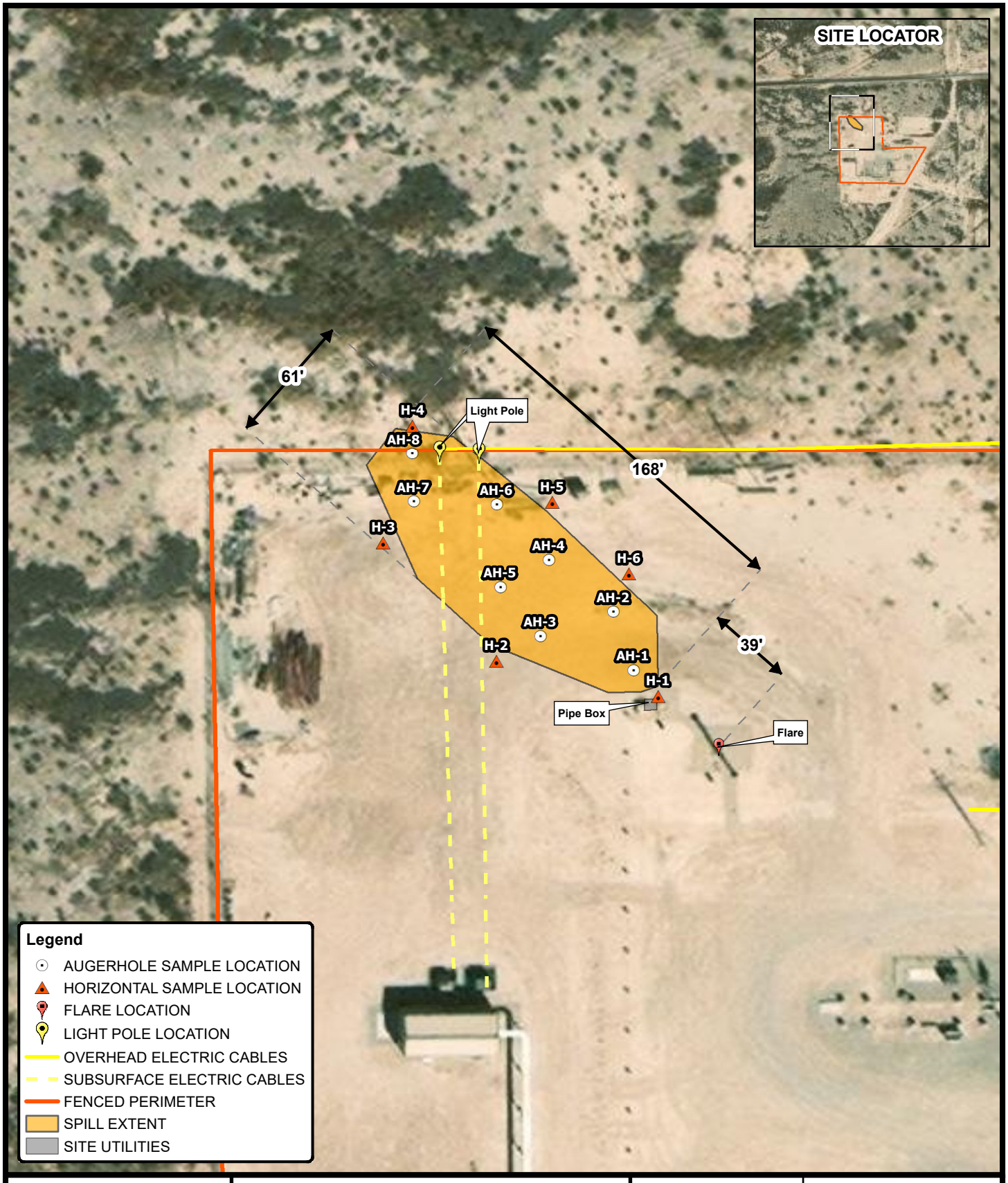
EDDY COUNTY, NEW MEXICO
(32.261009°, -104.154652°)

N
W E
S

0 1,200 2,400
Approximate Scale in Feet

PROJECT NO.:	212C-MD-03218
DATE:	November 16, 2023
DESIGNED BY:	EMF

Figure No. **2**



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TARGA RESOURCES

SITE ASSESSMENTTMAP
PALO DURO GAS PLANT

EDDY COUNTY, NEW MEXICO
(32.261009°, -104.154652°)

N
W E
S

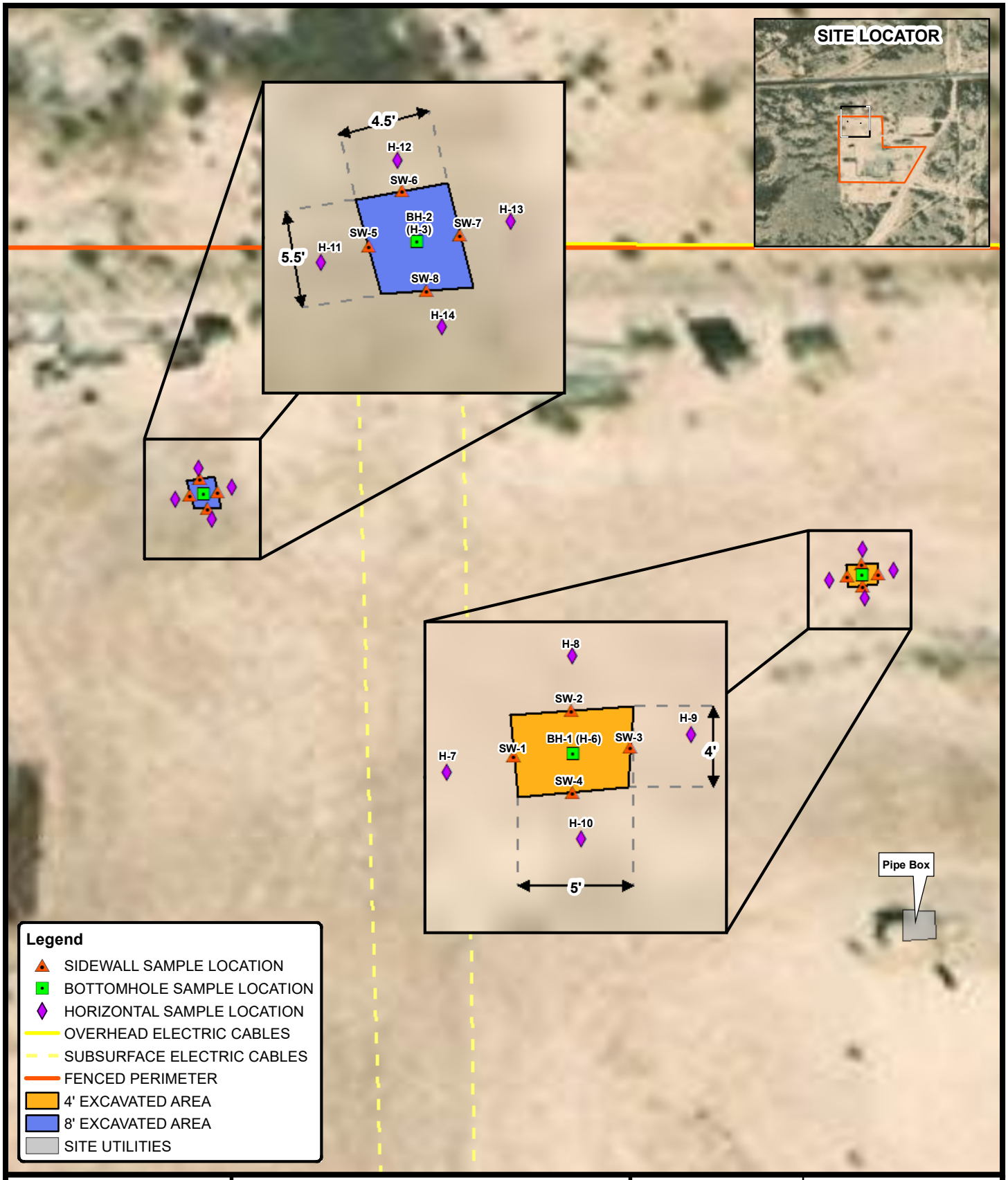
0 30 60
Approximate Scale in Feet

PROJECT NO.:	212C-MD-03218
DATE:	November 16, 2023
DESIGNED BY:	EMF

Figure No. **3**

Document Path: C:\Users\E.MORENO\FLORES\Documents\Projects\Targa\03218 - Palo Duro Gas Plant\GIS\MXD\Figure 3 - 03218 - Targa - Palo Duro Gas Plant.mxd

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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TARGA RESOURCES

CONFIRMATION SAMPLE LOCATION MAP
PALO DURO GAS PLANT

EDDY COUNTY, NEW MEXICO
(32.261009°, -104.154652°)

N
W
E
S

0 10 20
Approximate Scale in Feet

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Figure No. 4

Document Path: C:\Users\E.MORENOFLORES\Documents\Projects\Targa\03218 - Palo Duro Gas Plant\GIS\MXD\Figure 4 - 03218 - Targa - Palo Duro Gas Plant.mxd

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TETRA TECH

Tables

Table 1
Targa Resources
Palo Duro Gas Plant
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				BTEX (mg/kg)					Chloride (mg/kg)
			In-Situ	Removed	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Total (mg/Kg)	
RRALs								**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**
Assessment														
AH-1	8/30/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
	"	1.0-1.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
	"	2.0-2.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
	"	3.0-3.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
AH-2	8/30/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	23.3
	"	1.0-1.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	40.6
	"	2.0-2.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	80.5
AH-3	8/30/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	30.0
	"	1.0-1.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	23.3
	"	2.0-2.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	47.9
	"	3.0-3.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	100
AH-4	8/30/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	43.4
AH-5	8/30/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	31.5
	"	1.0-1.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	31.5
	"	2.0-2.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	67.8
	"	3.0-3.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	105
AH-6	8/30/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
	"	1.0-1.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
	"	2.0-2.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	59.3
	"	3.0-3.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	238
AH-7	8/30/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	30.6
	"	1.0-1.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	51.2
	"	2.0-2.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	143
	"	3.0-3.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	146
AH-8	8/30/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
	"	1.0-1.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
	"	2.0-2.5	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
H-1	8/30/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
H-2	8/30/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
H-3	8/30/2023	0-1	X	-	<20.0	**207**	**748**	**955**	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	27.5

Table 1
Targa Resources
Palo Duro Gas Plant
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				BTEX (mg/kg)					Chloride (mg/kg)
			In-Situ	Removed	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Total (mg/Kg)	
RRALs								**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**
H-4	8/30/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
H-5	8/30/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	88.2
H-6	8/30/2023	0-1	X	-	<20.0	**153**	**93.4**	**246**	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
H-7	11/02/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
H-8	11/02/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
H-9	11/02/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
H-10	11/02/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
H-11	11/02/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
H-12	11/02/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
H-13	11/02/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
H-14	11/02/2023	0-1	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0

NOTES

RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Devision) *Guidelines for Remediation of Leaks, Spills,*

All screening values and results are presented in milligrams per kilogram (mg/kg)

Bolded cells represent a detected concentration above the recommended remediation action levels.

< = analyte was not detected above the respective sample detection limit

ft = feet below ground surface

(-) = not analyzed for respective constituent

TPH = total petroleum hydrocarbons

BTEX = benzene, toluene, ethylbenzene, xylene

Proposed Excavation

Table 2
Targa Resources
Palo Duro Gas Plant
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				BTEX (mg/kg)					Chloride (mg/kg)
			In-Situ	Removed	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Total (mg/Kg)	
RRALs								**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**
Confirmation Samples														
BH-1	11/02/2023	4	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
BH-2	11/02/2023	8	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
SW-1	11/02/2023	-	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
SW-2	11/02/2023	-	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
SW-3	11/02/2023	-	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
SW-4	11/02/2023	-	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
SW-5	11/02/2023	-	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
SW-6	11/02/2023	-	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
SW-7	11/02/2023	-	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
SW-8	11/02/2023	-	X	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0

NOTES
RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Devision) *Guidelines for Remediation of Leaks,*
All screening values and results are presented in milligrams per kilogram (mg/kg)
Bolded cells represent a detected concentration above the respective screening value.
< = analyte was not detected above the respective sample detection limit
ft = feet below ground surface
(-) = not analyzed for respective constituent
TPH = total petroleum hydrocarbons
BTEX = benzene, toluene, ethylbenzene, xylene
Exceedance

TETRA TECH

Photographic Documentation

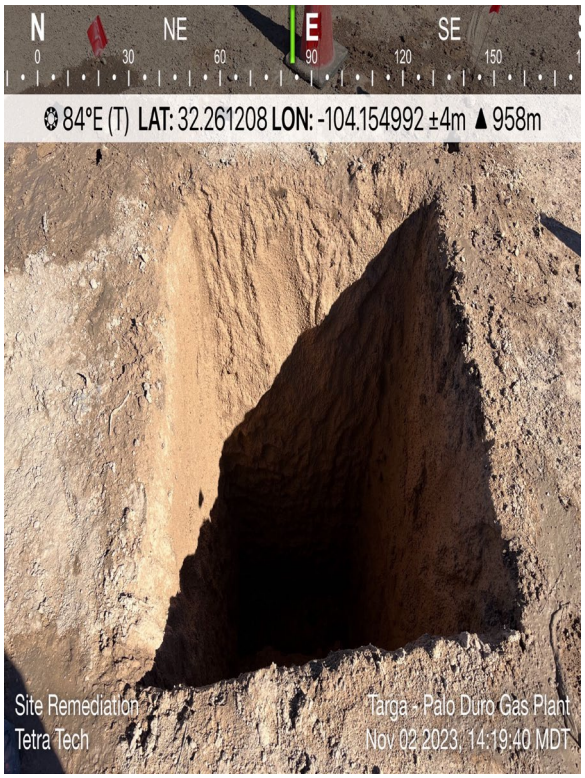
Targa Resources
Palo Duro Gas Plant
Eddy County, New Mexico

TETRA TECH

View of Remediation Activities – View Northwest

View of Remediation Activities – View Northeast

Targa Resources
Palo Duro Gas Plant
Eddy County, New Mexico



View of Remediation Activities – View East

View of Remediation Activities – View Northeast

TETRA TECH

Appendix A

C-141 Document

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report X Final Report

Name of Company: Lucid Energy Delaware	Contact Kerry Egan
Address 326 West Quay Artesia, NM 88210	Telephone No. 575 513-8988
Facility Name: Palo Duro Gas Plant	Facility Type: Natural Gas Plant

Surface Owner: State Of New Mexico	Mineral Owner	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	35	23S	27E					EDDY

Latitude 32.260791 **Longitude** -104.154352

NATURE OF RELEASE

Type of Release: Natural Gas/Condensate	Volume of Release: <50 MCF of gas, <2 bbl of condensate	Volume Recovered: None
Source of Release: Plant upset that allowed condensate into the amine system, to be released from the CO2 vent.	Date and Hour of Occurrence: 4/11/2017 5:30PM	Date and Hour of Discovery: 4/11/2017 5:30PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Verbal notification was given to Mike Bratcher the morning of 4/12/2017, once the details of the situation had been determined.	
By Whom? Kerry Egan	Date and Hour: 4/12/2017 8:30AM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* On the afternoon of 4/11/17 the Palo Duro Gas Plant received a large "slug" of liquid due to a pipeline pig being run into the station. The volume of liquid received was greater than normally seen or expected. The plant was unmanned at this point, and the volume of liquid overwhelmed the inlet liquids handling process. This upset condition allowed condensate into the amine system. The condensate eventually made its way through the Amine regeneration system, and into the CO2 vent line, and finally out of the CO2 vent stack. At this point the plant had automatically triggered the ESD (Emergency Shut Down) system. By the time the condensate had made its way through the plant and to the CO2 vent stack, the emergency flare had already been triggered and was flaring the diverted inlet gas. As soon as the hydrocarbons were released from the CO2 vent, the stream was ignited by the flare, the flame of which was being blown toward the vent by a strong easterly wind.

At this time Lucid's engineering and operations departments are preparing to relocate the CO2 vent stack further away from the flare.

Describe Area Affected and Cleanup Action Taken.* Almost the entire volume of gas and liquids released were combusted by the fire, leaving no contamination. The burning liquids did leave ash, and charred caliche on the pad. The fire affected approximately 30' by 50' of the plant's pad, no fire traveled beyond the fence line. There was a small amount of condensate overspray not combusted, located within the fence line, and was limited to the surface of the caliche pad. There is no evidence of contamination (either within or outside of the burned area) deeper than the surface (the top 1") of the pad. The only discernable evidence that any of the released material reached outside of the location was a light film on grass located 5'-10' outside the fence. This contamination was similarly limited to only the surface of the soil and grass, initial investigation shows no signs of migration past 0.5" in depth.

Lucid will scrape the surface of the caliche pad inside the location's fence to remove the burned material, and the minimal amount of uncombusted material. Due to the nature of the release, resulting minimal contamination, and the fact that the plant is still operational, no closure samples will be collected at this point. If the NMOCD requests closure samples, Lucid may request approval to defer sampling until the site has applied for final abandonment.

Given that the material outside of the fence is limited only to the surface, excavation would result in greater damage to the existing vegetation than allowing the material to flash off and naturally attenuate. As such, Lucid proposes to forego any type of excavation outside of the fence.

Knowing that the hydrocarbon stream combusted/released at the plant had come from compressor stations in the field, and had already gone through the dehydration system, no water was released and chlorides are not a concern with this release.

Updated 7/21/2017: Visual inspections of the area show that the majority of the hydrocarbons have already flashed off from the ground's surface. Requesting final closure.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: Kerry Egan	OIL CONSERVATION DIVISION	
Printed Name: Kerry Egan	Approved by Environmental Specialist:	
Title: Environmental Compliance Coordinator	Approval Date:	Expiration Date:
E-mail Address: KEgan@agaveenergy.com	Conditions of Approval:	Attached ☐
Date: 7/21/2017 Phone: 575 810-6021		

* Attach Additional Sheets If Necessary

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: MGant _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: MGant _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

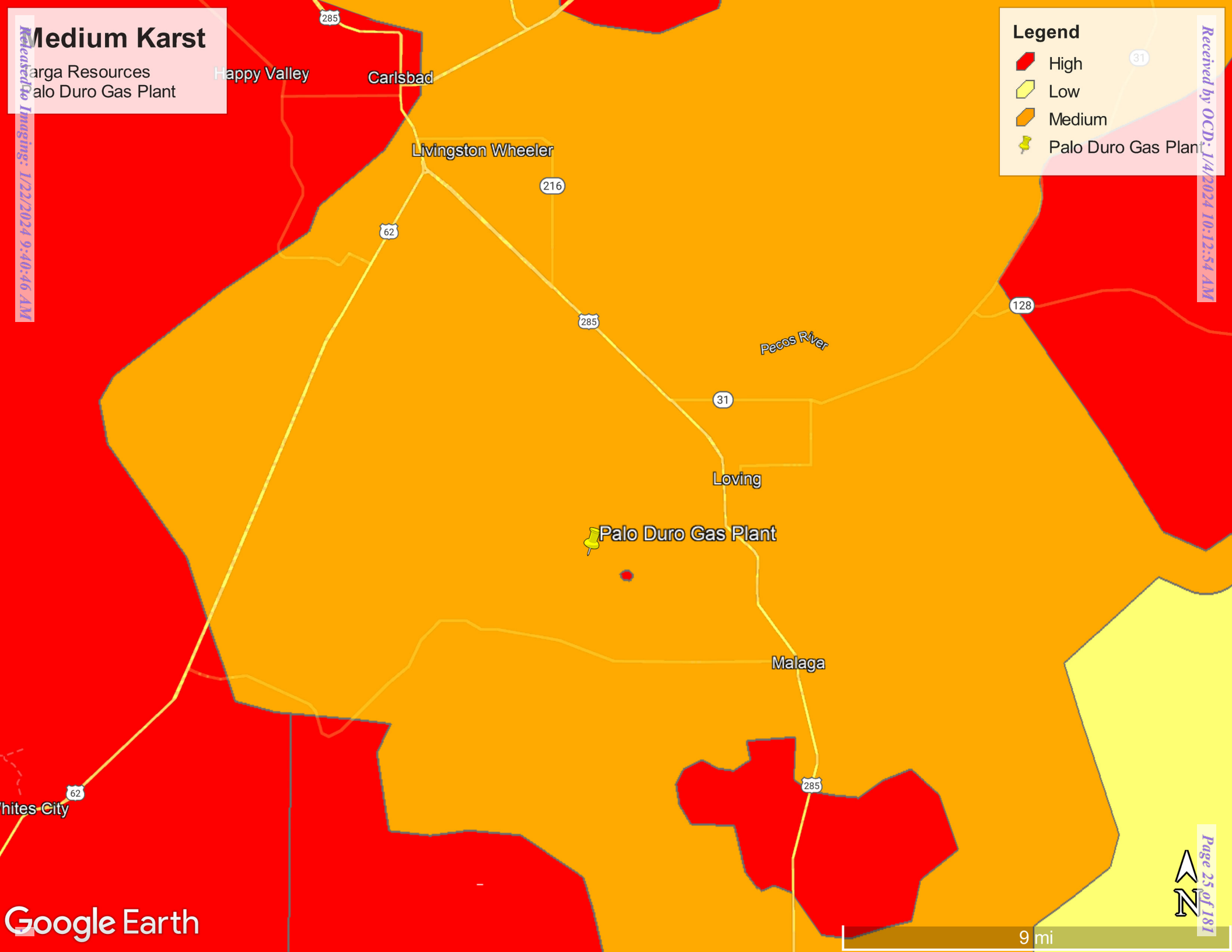
Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

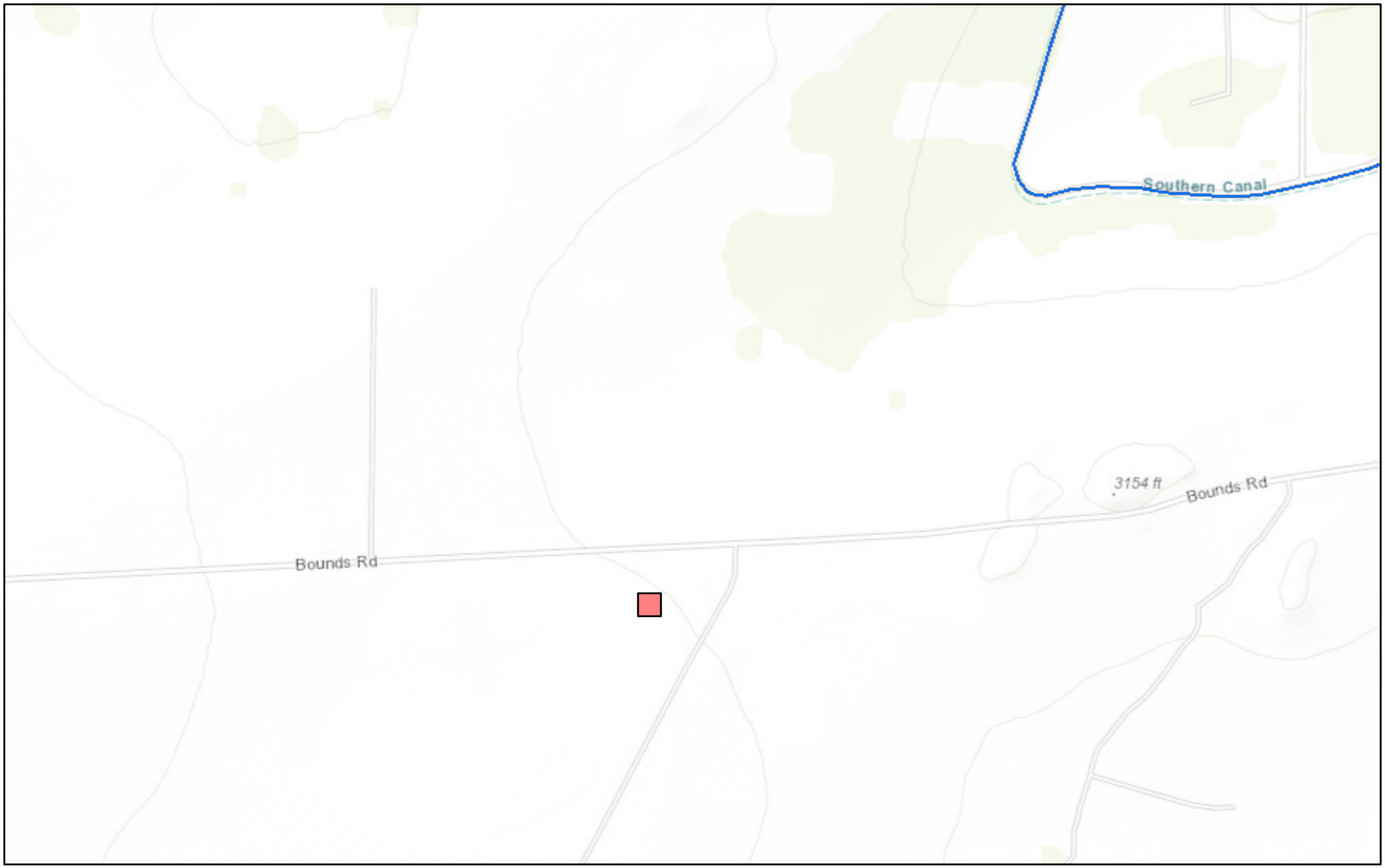
TETRA TECH

Appendix B

Site Characterization Documents



New Mexico NFHL Data



September 14, 2023

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

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Help Info

Site Information

New Mexico Office of the State Engineer
Point of Diversion Summary

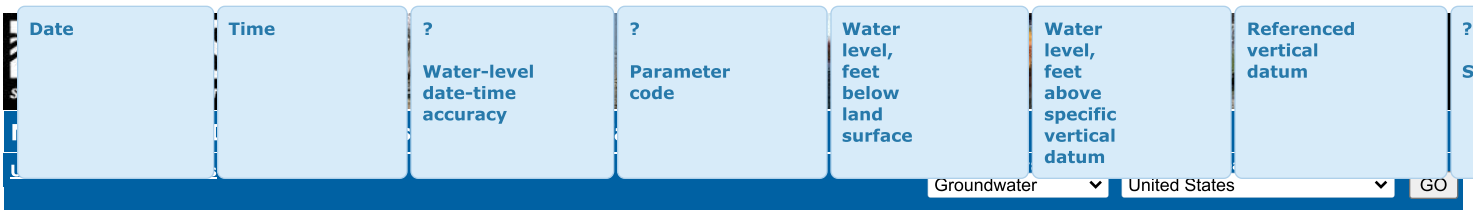
Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	C 03031	1	3	3	35	23S	27E	578315	3569206*

Driller License:	685	**Driller Company:**	BRAZEAL, JOHN		
Driller Name:	WAYNE BRAZEAL				
Drill Start Date:	06/10/2004	**Drill Finish Date:**	06/16/2004	**Plug Date:**	
Log File Date:	06/24/2004	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	50 GPM
Casing Size:	6.00	**Depth Well:**	150 feet	**Depth Water:**	67 feet

Water Bearing Stratifications:	Top	Bottom	Description
	139	150	Other/Unknown

Casing Perforations:	Top	Bottom
	90	150

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



Click to hideNews Bulletins

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

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321624104094801

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321624104094801 23S.27E.26.323332

Eddy County, New Mexico
Latitude 32°16'24", Longitude 104°09'48" NAD27
Land-surface elevation 3,139 feet above NAVD88
The depth of the well is 156 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) 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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1954-02-16		D	62610		3030.17	NGVD29	1	Z		
1954-02-16		D	62611		3031.81	NAVD88	1	Z		
1954-02-16		D	72019	107.19			1	Z		
1955-01-17		D	62610		3024.94	NGVD29	P	Z		
1955-01-17		D	62611		3026.58	NAVD88	P	Z		
1955-01-17		D	72019	112.42			P	Z		
1956-01-10		D	62610		3028.59	NGVD29	1	Z		
1956-01-10		D	62611		3030.23	NAVD88	1	Z		
1956-01-10		D	72019	108.77			1	Z		
1957-01-09		D	62610		3018.01	NGVD29	P	Z		
1957-01-09		D	62611		3019.65	NAVD88	P	Z		
1957-01-09		D	72019	119.35			P	Z		
1958-01-16		D	62610		3032.62	NGVD29	1	Z		
1958-01-16		D	62611		3034.26	NAVD88	1	Z		
1958-01-16		D	72019	104.74			1	Z		

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? S
1959-01-09	D	62610	3018.07	NGVD29	P	Z	
1959-01-09	D	62611	3019.71	NAVD88	P	Z	
1959-01-09	D	72019	119.29		P	Z	
1960-01-15	D	62610	3033.26	NGVD29	1	Z	
1960-01-15	D	62611	3034.90	NAVD88	1	Z	
1960-01-15	D	72019	104.10		1	Z	
1961-01-13	D	62610	3035.05	NGVD29	1	Z	
1961-01-13	D	62611	3036.69	NAVD88	1	Z	
1961-01-13	D	72019	102.31		1	Z	
1962-01-19	D	62610	3039.50	NGVD29	1	Z	
1962-01-19	D	62611	3041.14	NAVD88	1	Z	
1962-01-19	D	72019	97.86		1	Z	
1963-01-22	D	62610	3035.20	NGVD29	1	Z	
1963-01-22	D	62611	3036.84	NAVD88	1	Z	
1963-01-22	D	72019	102.16		1	Z	
1964-01-20	D	62610	3033.15	NGVD29	1	Z	
1964-01-20	D	62611	3034.79	NAVD88	1	Z	
1964-01-20	D	72019	104.21		1	Z	
1965-01-14	D	62610	3019.68	NGVD29	P	Z	
1965-01-14	D	62611	3021.32	NAVD88	P	Z	
1965-01-14	D	72019	117.68		P	Z	
1966-01-05	D	62610	3021.76	NGVD29	1	Z	
1966-01-05	D	62611	3023.40	NAVD88	1	Z	
1966-01-05	D	72019	115.60		1	Z	
1967-01-19	D	62610	3023.40	NGVD29	1	Z	
1967-01-19	D	62611	3025.04	NAVD88	1	Z	
1967-01-19	D	72019	113.96		1	Z	
1968-01-26	D	62610	3025.04	NGVD29	1	Z	
1968-01-26	D	62611	3026.68	NAVD88	1	Z	
1968-01-26	D	72019	112.32		1	Z	
1969-01-28	D	62610	3025.44	NGVD29	1	Z	
1969-01-28	D	62611	3027.08	NAVD88	1	Z	
1969-01-28	D	72019	111.92		1	Z	
1970-01-20	D	62610	3024.87	NGVD29	1	Z	
1970-01-20	D	62611	3026.51	NAVD88	1	Z	
1970-01-20	D	72019	112.49		1	Z	
1971-01-14	D	62610	3016.62	NGVD29	1	Z	
1971-01-14	D	62611	3018.26	NAVD88	1	Z	
1971-01-14	D	72019	120.74		1	Z	
1972-01-12	D	62610	3015.70	NGVD29	1	Z	
1972-01-12	D	62611	3017.34	NAVD88	1	Z	
1972-01-12	D	72019	121.66		1	Z	
1973-01-05	D	62610	3014.02	NGVD29	1	Z	
1973-01-05	D	62611	3015.66	NAVD88	1	Z	
1973-01-05	D	72019	123.34		1	Z	
1974-01-16	D	62610	3015.62	NGVD29	1	Z	
1974-01-16	D	62611	3017.26	NAVD88	1	Z	
1974-01-16	D	72019	121.74		1	Z	
1975-01-16	D	62610	3013.80	NGVD29	1	Z	
1975-01-16	D	62611	3015.44	NAVD88	1	Z	

Date	Time	? Water-level date-time accuracy	? Parameter code		Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? S
1975-01-16	D	72019	123.56			1	Z	
1976-01-13	D	62610		3014.45	NGVD29	1	Z	
1976-01-13	D	62611		3016.09	NAVD88	1	Z	
1976-01-13	D	72019	122.91			1	Z	
1977-01-13	D	62610		3012.31	NGVD29	1	Z	
1977-01-13	D	62611		3013.95	NAVD88	1	Z	
1977-01-13	D	72019	125.05			1	Z	
1978-01-23	D	62610		3008.94	NGVD29	1	Z	
1978-01-23	D	62611		3010.58	NAVD88	1	Z	
1978-01-23	D	72019	128.42			1	Z	
1979-01-18	D	62610		3007.42	NGVD29	1	Z	
1979-01-18	D	62611		3009.06	NAVD88	1	Z	
1979-01-18	D	72019	129.94			1	Z	
1981-05-20	D	62610		3010.80	NGVD29	1	Z	
1981-05-20	D	62611		3012.44	NAVD88	1	Z	
1981-05-20	D	72019	126.56			1	Z	
1983-01-25	D	62610		3012.57	NGVD29	1	Z	
1983-01-25	D	62611		3014.21	NAVD88	1	Z	
1983-01-25	D	72019	124.79			1	Z	
1988-02-11	D	62610		3026.38	NGVD29	1	Z	
1988-02-11	D	62611		3028.02	NAVD88	1	Z	
1988-02-11	D	72019	110.98			1	Z	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? S

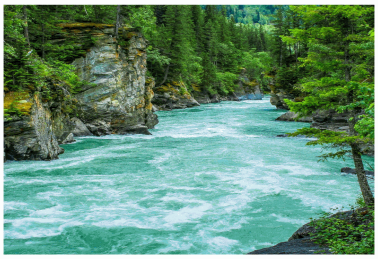
TETRA TECH

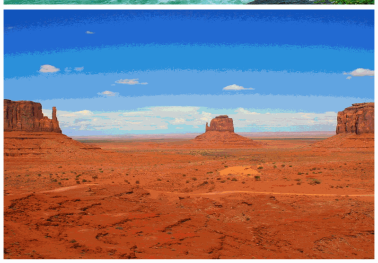
Appendix C

Laboratory Reports

Report to:

Brittany Long





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:	Palo Duro Gas Plant
Work Order:	E309016
Job Number:	21102-0001
Received:	9/5/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/11/23

Date Reported: 9/11/23

Brittany Long
12600 WCR 91
Midland, TX 79707

Project Name: Palo Duro Gas Plant
Workorder: E309016
Date Received: 9/5/2023 8:15:00AM

Brittany Long,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/5/2023 8:15:00AM, under the Project Name: Palo Duro Gas Plant.

The analytical test results summarized in this report with the Project Name: Palo Duro Gas Plant 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

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Sample Summary

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	09/11/23 09:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
AH-1 (0-1')	E309016-01A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-1 (1-1.5')	E309016-02A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH1 (2-2.5')	E309016-03A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-1 (3-3.5')	E309016-04A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-2 (0-1')	E309016-05A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-2 (1-1.5')	E309016-06A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-2 (2-2.5')	E309016-07A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-3 (0-1')	E309016-08A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-3 (1-1.5')	E309016-09A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-3 (2-2.5')	E309016-10A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-3 (3-3.5')	E309016-11A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-4 (0-1')	E309016-12A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-5 (0-1')	E309016-13A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-5 (1-1.5')	E309016-14A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-5 (2-2.5')	E309016-15A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-5 (3-3.5')	E309016-16A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-6 (0-1')	E309016-17A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-6 (1-1.5')	E309016-18A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-6 (2-2.5')	E309016-19A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-6 (3-3.5')	E309016-20A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-1 (0-1')

E309016-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*85.2 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	ND	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-1 (1-1.5')

E309016-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*92.7 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	ND	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH1 (2-2.5')

E309016-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*98.6 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	ND	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-1 (3-3.5')

E309016-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*114 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	ND	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-2 (0-1')

E309016-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*92.8 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	**23.3**	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-2 (1-1.5')

E309016-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/07/23	
Toluene	ND	0.0250	1	09/05/23	09/07/23	
o-Xylene	ND	0.0250	1	09/05/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		*107 %*	*70-130*	*09/05/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*09/05/23*	*09/07/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		*107 %*	*70-130*	*09/05/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*09/05/23*	*09/07/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*93.4 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	**40.6**	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-2 (2-2.5')

E309016-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*95.6 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	**80.5**	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-3 (0-1')

E309016-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*93.0 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	**30.0**	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-3 (1-1.5')

E309016-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*93.5 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	**23.3**	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-3 (2-2.5')

E309016-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*84.9 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	**47.9**	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-3 (3-3.5')

E309016-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*88.5 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	**100**	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-4 (0-1')

E309016-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*88.3 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	**43.4**	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-5 (0-1')

E309016-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*91.0 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	**31.5**	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-5 (1-1.5')

E309016-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*88.4 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	**31.5**	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-5 (2-2.5')

E309016-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*95.3 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	**67.8**	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-5 (3-3.5')

E309016-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*93.1 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	**105**	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-6 (0-1')

E309016-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*96.8 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	ND	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-6 (1-1.5')

E309016-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*91.9 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	ND	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-6 (2-2.5')

E309016-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*85.2 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	**59.3**	20.0	1	09/06/23	09/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

AH-6 (3-3.5')

E309016-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Benzene	ND	0.0250	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/08/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*09/05/23*	*09/08/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/05/23*	*09/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*90.5 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336056
Chloride	**238**	20.0	1	09/06/23	09/09/23	

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2336022-BLK1)									Prepared: 09/05/23 Analyzed: 09/07/23
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	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.483*		*0.500*		*96.6*	*70-130*			
Surrogate: Toluene-d8	*0.555*		*0.500*		*111*	*70-130*			
LCS (2336022-BS1)									Prepared: 09/05/23 Analyzed: 09/07/23
Benzene	2.87	0.0250	2.50		115	70-130			
Ethylbenzene	2.78	0.0250	2.50		111	70-130			
Toluene	2.94	0.0250	2.50		118	70-130			
o-Xylene	2.91	0.0250	2.50		116	70-130			
p,m-Xylene	5.69	0.0500	5.00		114	70-130			
Total Xylenes	8.60	0.0250	7.50		115	70-130			
Surrogate: Bromofluorobenzene	*0.534*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: Toluene-d8	*0.556*		*0.500*		*111*	*70-130*			
Matrix Spike (2336022-MS1)				**Source: E309016-06**					Prepared: 09/05/23 Analyzed: 09/07/23
Benzene	2.64	0.0250	2.50	ND	106	48-131			
Ethylbenzene	2.58	0.0250	2.50	ND	103	45-135			
Toluene	2.65	0.0250	2.50	ND	106	48-130			
o-Xylene	2.78	0.0250	2.50	ND	111	43-135			
p,m-Xylene	5.49	0.0500	5.00	ND	110	43-135			
Total Xylenes	8.27	0.0250	7.50	ND	110	43-135			
Surrogate: Bromofluorobenzene	*0.546*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.3*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			
Matrix Spike Dup (2336022-MSD1)				**Source: E309016-06**					Prepared: 09/05/23 Analyzed: 09/07/23
Benzene	2.86	0.0250	2.50	ND	115	48-131	8.19	23	
Ethylbenzene	2.73	0.0250	2.50	ND	109	45-135	5.84	27	
Toluene	2.82	0.0250	2.50	ND	113	48-130	6.33	24	
o-Xylene	2.98	0.0250	2.50	ND	119	43-135	6.97	27	
p,m-Xylene	5.82	0.0500	5.00	ND	116	43-135	5.92	27	
Total Xylenes	8.81	0.0250	7.50	ND	117	43-135	6.27	27	
Surrogate: Bromofluorobenzene	*0.546*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.496*		*0.500*		*99.1*	*70-130*			
Surrogate: Toluene-d8	*0.509*		*0.500*		*102*	*70-130*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2336022-BLK1)									Prepared: 09/05/23 Analyzed: 09/07/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.483*		*0.500*		*96.6*	*70-130*			
Surrogate: Toluene-d8	*0.555*		*0.500*		*111*	*70-130*			
LCS (2336022-BS2)									Prepared: 09/05/23 Analyzed: 09/07/23
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	*0.516*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.545*		*0.500*		*109*	*70-130*			
Matrix Spike (2336022-MS2)				**Source: E309016-06**					Prepared: 09/05/23 Analyzed: 09/07/23
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	*0.526*		*0.500*		*105*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.548*		*0.500*		*110*	*70-130*			
Matrix Spike Dup (2336022-MSD2)				**Source: E309016-06**					Prepared: 09/05/23 Analyzed: 09/07/23
Gasoline Range Organics (C6-C10)	52.7	20.0	50.0	ND	105	70-130	0.447	20	
Surrogate: Bromofluorobenzene	*0.530*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: Toluene-d8	*0.543*		*0.500*		*109*	*70-130*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2336066-BLK1)									Prepared: 09/06/23 Analyzed: 09/07/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*41.6*		*50.0*		*83.2*	*50-200*			
LCS (2336066-BS1)									Prepared: 09/06/23 Analyzed: 09/07/23
Diesel Range Organics (C10-C28)	241	25.0	250		96.5	38-132			
Surrogate: n-Nonane	*41.6*		*50.0*		*83.2*	*50-200*			
Matrix Spike (2336066-MS1)				**Source: E309016-05**					Prepared: 09/06/23 Analyzed: 09/07/23
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike Dup (2336066-MSD1)				**Source: E309016-05**					Prepared: 09/06/23 Analyzed: 09/07/23
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132	0.882	20	
Surrogate: n-Nonane	*40.9*		*50.0*		*81.7*	*50-200*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 9:38:33AM

Anions by EPA 300.0/9056A

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 (2336056-BLK1)									Prepared: 09/06/23 Analyzed: 09/09/23
Chloride	ND	20.0							
LCS (2336056-BS1)									Prepared: 09/06/23 Analyzed: 09/09/23
Chloride	242	20.0	250		96.9	90-110			
Matrix Spike (2336056-MS1)				**Source: E309016-01**					Prepared: 09/06/23 Analyzed: 09/09/23
Chloride	262	20.0	250	ND	105	80-120			
Matrix Spike Dup (2336056-MSD1)				**Source: E309016-01**					Prepared: 09/06/23 Analyzed: 09/09/23
Chloride	260	20.0	250	ND	104	80-120	0.622	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:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	09/11/23 09:38

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

WO# E309016
Job # 21102-0001

Client Name:	Targa	Site Manager:	Brittany Long
Project Name:	Palo Duro Gas Plant		(432) 741-5813 brittany.long@tetratech.com
Project Location: (county, state)	Eddy County, NM	Project #:	212C-MD-03218
Invoice to:	Targa		
Receiving Laboratory:	Envirotech Inc.	Sampler Signature:	Miguel A. Flores

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2023 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE			# CONTAINERS	FILTERED (Y/N)
1	AH-1 (0-1')	8/30/2023			X				X				
2	AH-1 (1-1.5')	8/30/2023			X				X				
3	AH-1 (2-2.5')	8/30/2023			X				X				
4	AH-1 (3-3.5')	8/30/2023			X				X				
5	AH-2 (0-1')	8/30/2023			X				X				
6	AH-2 (1-1.5')	8/30/2023			X				X				
7	AH-2 (2-2.5')	8/30/2023			X				X				
8	AH-3 (0-1')	8/30/2023			X				X				
9	AH-3 (1-1.5')	8/30/2023			X				X				
10	AH-3 (2-2.5')	8/30/2023			X				X				

ANALYSIS REQUEST (Circle or Specify Method No.)

BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
X		X												X							
X		X												X							
X		X												X							
X		X												X							
X		X												X							
X		X												X							
X		X												X							
X		X												X							
X		X												X							
X		X												X							

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Miguel A Flores			Michelle Garcia	9-1-23	0730
Michelle Garcia	9-1-23	1645	[illegible]	9.1.23	1845
[illegible]	9.2.23	0115	Caitlin Mars	9/5/23	8:15

LAB USE ONLY
Sample Temperature
4°

REMARKS: Standard

☐ RUSH: Same Day 24 hr 48 hr 72 hr
☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: ___

ORIGINAL COPY

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

WO# E309016
Job#21102-0001

Client Name:	Targa	Site Manager:	Brittany Long
Project Name:	Palo Duro Gas Plant		(432) 741-5813 brittany.long@tetratech.com
Project Location: (county, state)	Eddy County, NM	Project #:	
Invoice to:	Targa		
Receiving Laboratory:	Envirotech Inc.	Sampler Signature:	Miguel A. Flores

Comments:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2023 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE			# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
11	AH-3 (3-3.5')	8/30/2023			X				X					X		X												X								
12	AH-4 (0-1')	8/30/2023			X				X					X		X												X								
13	AH-5 (0-1')	8/30/2023			X				X					X		X												X								
14	AH-5 (1-1.5')	8/30/2023			X				X					X		X												X								
15	AH-5 (2-2.5')	8/30/2023			X				X					X		X												X								
16	AH-5 (3-3.5')	8/30/2023			X				X					X		X												X								
17	AH-6 (0-1')	8/30/2023			X				X					X		X												X								
18	AH-6 (1-1.5')	8/30/2023			X				X					X		X												X								
19	AH-6 (2-2.5')	8/30/2023			X				X					X		X												X								
20	AH-6 (3-3.5')	8/30/2023			X				X					X		X												X								

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Miguel A Flores			Michelle Garcia	9-1-23	0730
Michelle Garcia	9-1-23	1645	Jordan Mesa	9.1.23	1845
Jordan Mesa	9.2.23	0115	Caitlin Man	9/5/23	8:15

LAB USE ONLY
Sample Temperature
4°

REMARKS: Standard

- ☐ RUSH: Same Day 24 hr 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

Envirotech Analytical Laboratory

Printed: 9/5/2023 12:13:18PM

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:	09/05/23 08:15	Work Order ID:	E309016
Phone:	(432) 999-8675	Date Logged In:	09/05/23 09:29	Logged In By:	Caitlin Mars
Email:	brittany.long@tetratech.com	Due Date:	09/11/23 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?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Palo Duro Gas Plant has been separated into 2 reports due to high sample volume. Workorders are as follows: E309016 & E309017.Time sampled not provided on COC per client.

Client Instruction

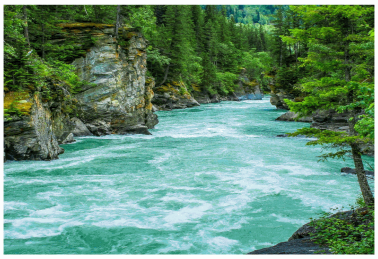
Signature of client authorizing changes to the COC or sample disposition.

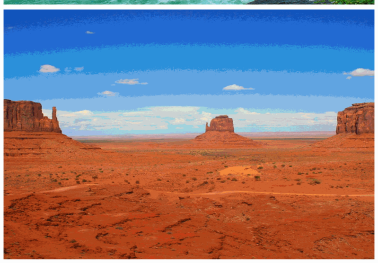
Date

envirotech Inc.

Report to:

Brittany Long





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:	Palo Duro Gas Plant
Work Order:	E309017
Job Number:	21102-0001
Received:	9/5/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/11/23

Date Reported: 9/11/23

Brittany Long
12600 WCR 91
Midland, TX 79707

Project Name: Palo Duro Gas Plant
Workorder: E309017
Date Received: 9/5/2023 8:15:00AM

Brittany Long,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/5/2023 8:15:00AM, under the Project Name: Palo Duro Gas Plant.

The analytical test results summarized in this report with the Project Name: Palo Duro Gas Plant 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
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Technical Representative/Client Services
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Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	09/11/23 11:10

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
AH-7 (0-1')	E309017-01A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-7 (1-1.5')	E309017-02A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-7 (2-2.5')	E309017-03A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-7 (3-3.5')	E309017-04A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-8 (0-1')	E309017-05A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-8 (1-1.5')	E309017-06A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
AH-8 (2-2.5')	E309017-07A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
H-1	E309017-08A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
H-2	E309017-09A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
H-3	E309017-10A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
H-4	E309017-11A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
H-5	E309017-12A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.
H-6	E309017-13A	Soil	08/30/23	09/05/23	Glass Jar, 4 oz.

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

AH-7 (0-1')

E309017-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2336071
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*84.7 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336057
Chloride	**30.6**	20.0	1	09/06/23	09/08/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

AH-7 (1-1.5')

E309017-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2336071
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*85.3 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336057
Chloride	**51.2**	20.0	1	09/06/23	09/08/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

AH-7 (2-2.5')

E309017-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.9 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.9 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2336071
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*87.3 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336057
Chloride	**143**	20.0	1	09/06/23	09/08/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

AH-7 (3-3.5')

E309017-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2336071
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*87.9 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336057
Chloride	**146**	20.0	1	09/06/23	09/08/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

AH-8 (0-1')

E309017-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2336071
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*84.8 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336057
Chloride	ND	20.0	1	09/06/23	09/08/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

AH-8 (1-1.5')

E309017-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2336071
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*85.1 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336057
Chloride	ND	20.0	1	09/06/23	09/08/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

AH-8 (2-2.5')

E309017-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2336071
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*82.6 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336057
Chloride	ND	20.0	1	09/06/23	09/08/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

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E309017-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2336071
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/07/23	
Surrogate: n-Nonane		*87.9 %*	*50-200*	*09/07/23*	*09/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336057
Chloride	ND	20.0	1	09/06/23	09/08/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

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E309017-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2336071
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*85.4 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336057
Chloride	ND	20.0	1	09/06/23	09/08/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

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E309017-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2336071
Diesel Range Organics (C10-C28)	**207**	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	**748**	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*84.3 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336057
Chloride	**27.5**	20.0	1	09/06/23	09/08/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

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E309017-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2336071
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*82.8 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336057
Chloride	ND	20.0	1	09/06/23	09/08/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

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E309017-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2336071
Diesel Range Organics (C10-C28)	ND	25.0	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/07/23	09/08/23	
Surrogate: n-Nonane		*85.5 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336057
Chloride	**88.2**	20.0	1	09/06/23	09/08/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

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E309017-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Benzene	ND	0.0250	1	09/06/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/06/23	09/07/23	
Toluene	ND	0.0250	1	09/06/23	09/07/23	
o-Xylene	ND	0.0250	1	09/06/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/06/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2336027
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/23	09/07/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*09/06/23*	*09/07/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/06/23*	*09/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2336071
Diesel Range Organics (C10-C28)	**153**	25.0	1	09/07/23	09/08/23	T17
Oil Range Organics (C28-C36)	**93.4**	50.0	1	09/07/23	09/08/23	T17
Surrogate: n-Nonane		*88.8 %*	*50-200*	*09/07/23*	*09/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2336057
Chloride	ND	20.0	1	09/06/23	09/08/23	

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2336027-BLK1)									Prepared: 09/06/23 Analyzed: 09/06/23
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	*0.532*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			
LCS (2336027-BS1)									Prepared: 09/06/23 Analyzed: 09/06/23
Benzene	2.83	0.0250	2.50		113	70-130			
Ethylbenzene	2.77	0.0250	2.50		111	70-130			
Toluene	2.85	0.0250	2.50		114	70-130			
o-Xylene	2.83	0.0250	2.50		113	70-130			
p,m-Xylene	5.60	0.0500	5.00		112	70-130			
Total Xylenes	8.43	0.0250	7.50		112	70-130			
Surrogate: Bromofluorobenzene	*0.519*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.474*		*0.500*		*94.7*	*70-130*			
Surrogate: Toluene-d8	*0.535*		*0.500*		*107*	*70-130*			
Matrix Spike (2336027-MS1)				**Source: E309029-21**					Prepared: 09/06/23 Analyzed: 09/06/23
Benzene	2.71	0.0250	2.50	ND	108	48-131			
Ethylbenzene	2.73	0.0250	2.50	ND	109	45-135			
Toluene	2.78	0.0250	2.50	ND	111	48-130			
o-Xylene	2.91	0.0250	2.50	ND	116	43-135			
p,m-Xylene	5.77	0.0500	5.00	ND	115	43-135			
Total Xylenes	8.68	0.0250	7.50	ND	116	43-135			
Surrogate: Bromofluorobenzene	*0.531*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.534*		*0.500*		*107*	*70-130*			
Matrix Spike Dup (2336027-MSD1)				**Source: E309029-21**					Prepared: 09/06/23 Analyzed: 09/06/23
Benzene	2.75	0.0250	2.50	ND	110	48-131	1.78	23	
Ethylbenzene	2.79	0.0250	2.50	ND	112	45-135	1.94	27	
Toluene	2.82	0.0250	2.50	ND	113	48-130	1.48	24	
o-Xylene	2.93	0.0250	2.50	ND	117	43-135	0.753	27	
p,m-Xylene	5.77	0.0500	5.00	ND	115	43-135	0.0173	27	
Total Xylenes	8.71	0.0250	7.50	ND	116	43-135	0.265	27	
Surrogate: Bromofluorobenzene	*0.532*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.453*		*0.500*		*90.6*	*70-130*			
Surrogate: Toluene-d8	*0.531*		*0.500*		*106*	*70-130*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2336027-BLK1)									Prepared: 09/06/23 Analyzed: 09/06/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.532*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			
LCS (2336027-BS2)									Prepared: 09/06/23 Analyzed: 09/06/23
Gasoline Range Organics (C6-C10)	58.7	20.0	50.0		117	70-130			
Surrogate: Bromofluorobenzene	*0.536*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.1*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			
Matrix Spike (2336027-MS2)				**Source: E309029-21**					Prepared: 09/06/23 Analyzed: 09/06/23
Gasoline Range Organics (C6-C10)	51.6	20.0	50.0	ND	103	70-130			
Surrogate: Bromofluorobenzene	*0.532*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.472*		*0.500*		*94.4*	*70-130*			
Surrogate: Toluene-d8	*0.536*		*0.500*		*107*	*70-130*			
Matrix Spike Dup (2336027-MSD2)				**Source: E309029-21**					Prepared: 09/06/23 Analyzed: 09/06/23
Gasoline Range Organics (C6-C10)	59.6	20.0	50.0	ND	119	70-130	14.4	20	
Surrogate: Bromofluorobenzene	*0.534*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.545*		*0.500*		*109*	*70-130*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2336071-BLK1)									Prepared: 09/07/23 Analyzed: 09/07/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.1*		*50.0*		*86.2*	*50-200*			
LCS (2336071-BS1)									Prepared: 09/07/23 Analyzed: 09/07/23
Diesel Range Organics (C10-C28)	239	25.0	250		95.5	38-132			
Surrogate: n-Nonane	*42.1*		*50.0*		*84.1*	*50-200*			
Matrix Spike (2336071-MS1)				**Source: E309017-01**					Prepared: 09/07/23 Analyzed: 09/07/23
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	38-132			
Surrogate: n-Nonane	*41.8*		*50.0*		*83.6*	*50-200*			
Matrix Spike Dup (2336071-MSD1)				**Source: E309017-01**					Prepared: 09/07/23 Analyzed: 09/07/23
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132	5.12	20	
Surrogate: n-Nonane	*43.7*		*50.0*		*87.4*	*50-200*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	9/11/2023 11:10:51AM

Anions by EPA 300.0/9056A

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 (2336057-BLK1)									Prepared: 09/06/23 Analyzed: 09/08/23
Chloride	ND	20.0							
LCS (2336057-BS1)									Prepared: 09/06/23 Analyzed: 09/08/23
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2336057-MS1)				**Source: E309014-01**					Prepared: 09/06/23 Analyzed: 09/08/23
Chloride	346	20.0	250	88.8	103	80-120			
Matrix Spike Dup (2336057-MSD1)				**Source: E309014-01**					Prepared: 09/06/23 Analyzed: 09/08/23
Chloride	343	20.0	250	88.8	102	80-120	1.05	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:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	09/11/23 11:10

T17	The sample chromatographic pattern does not resemble the typical fuel standard used for quantitation.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

WO #E309017
Job # 21102-0001

Client Name: Targa
Site Manager: Brittany Long
Project Name: Palo Duro Gas Plant
(432) 741-5813
brittany.long@tetratech.com
Project Location: (county, state) Eddy County, NM
Project #:
Invoice to: Targa
Receiving Laboratory: Envirotech Inc.
Sampler Signature: Miguel A. Flores
Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2023 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE			# CONTAINERS	FILTERED (Y/N)
1	AH-7 (0-1')	8/30/2023			X				X				
2	AH-7 (1-1.5')	8/30/2023			X				X				
3	AH-7 (2-2.5')	8/30/2023			X				X				
4	AH-7 (3-3.5')	8/30/2023			X				X				
5	AH-8 (0-1')	8/30/2023			X				X				
6	AH-8 (1-1.5')	8/30/2023			X				X				
7	AH-8 (2-2.5')	8/30/2023			X				X				
8	H-1	8/30/2023			X				X				
9	H-2	8/30/2023			X				X				
10	H-3	8/30/2023			X				X				

ANALYSIS REQUEST (Circle or Specify Method No.)

BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
X		X												X								
X		X												X								
X		X												X								
X		X												X								
X		X												X								
X		X												X								
X		X												X								
X		X												X								
X		X												X								
X		X												X								

Relinquished by: Miguel A Flores Date: Time:
Received by: Michella Gamble 9-1-23 0730

Relinquished by: Michelle Gamble 9-1-23 1645
Received by: Sandra Mesa 9.1.23 1845

Relinquished by: Sandra Mesa 9.2.23 0115
Received by: Caitlin Mars 9/6/23 8:15

LAB USE ONLY
Sample Temperature 4°

REMARKS: Standard

☐ RUSH: Same Day 24 hr 48 hr 72 hr
☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: ___

ORIGINAL COPY

Analysis Request of Chain of Custody Record

WO# E309017

Job # 21102-0001

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	Targa	Site Manager:	Brittany Long
Project Name:	Palo Duro Gas Plant		(432) 741-5813 brittany.long@tetratech.com
Project Location: (county, state)	Eddy County, NM	Project #:	
Invoice to:	Targa		
Receiving Laboratory:	Envirotech Inc.	Sampler Signature:	Miguel A. Flores

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2023 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE			# CONTAINERS	FILTERED (Y/N)
11	H-4	8/30/2023			x				x				
12	H-5	8/30/2023			x				x				
13	H-6	8/30/2023			x				x				

ANALYSIS REQUEST (Circle or Specify Method No.)

BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
x		x													x							
x		x													x							
x		x													x							

Relinquished by: Miguel A Flores	Date:	Time:	Received by: Michelle Gamyle 9-1-23 0730
Relinquished by: Michelle Gamyle 9-1-23 1645	Date:	Time:	Received by: Andrea Musso 9.1.23 1845
Relinquished by: Andrea Musso 9.2.23 0115	Date:	Time:	Received by: Caitlin Man 9/5/23 8:15

LAB USE ONLY

Sample Temperature 4°

REMARKS: Standard

- RUSH: Same Day 24 hr 48 hr 72 hr
- Rush Charges Authorized
- Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

Envirotech Analytical Laboratory

Printed: 9/5/2023 12:14:49PM

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:	09/05/23 08:15	Work Order ID:	E309017
Phone:	(432) 999-8675	Date Logged In:	09/05/23 09:32	Logged In By:	Caitlin Mars
Email:	brittany.long@tetratech.com	Due Date:	09/11/23 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?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Palo Duro Gas Plant has been separated into 2 reports due to high sample volume. Workorders are as follows: E309016 & E309017.Time sampled not provided on COC per client.

Client Instruction

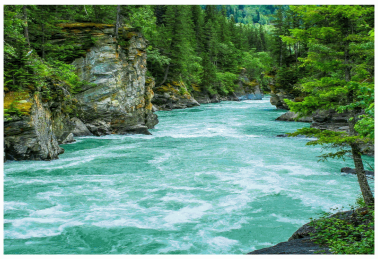
Signature of client authorizing changes to the COC or sample disposition.

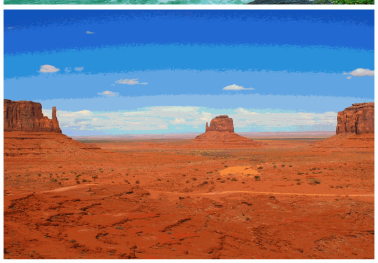
Date

envirotech Inc.

Report to:

Brittany Long





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:	Palo Duro Gas Plant
Work Order:	E311034
Job Number:	21102-0001
Received:	11/4/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/10/23

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

Date Reported: 11/10/23

Brittany Long
12600 WCR 91
Midland, TX 79707

Project Name: Palo Duro Gas Plant
Workorder: E311034
Date Received: 11/4/2023 6:00:00AM

Brittany Long,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2023 6:00:00AM, under the Project Name: Palo Duro Gas Plant.

The analytical test results summarized in this report with the Project Name: Palo Duro Gas Plant 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

Alexa Michaels
Sample Custody Officer
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labadmin@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/10/23 12:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
H-3 (0 - 1')	E311034-01A	Soil	11/02/23	11/04/23	Glass Jar, 4 oz.
H - 3 (2')	E311034-02A	Soil	11/02/23	11/04/23	Glass Jar, 4 oz.
H - 3 (3')	E311034-03A	Soil	11/02/23	11/04/23	Glass Jar, 4 oz.
H-3 (4')	E311034-04A	Soil	11/02/23	11/04/23	Glass Jar, 4 oz.
H - 6 (0-1')	E311034-05A	Soil	11/02/23	11/04/23	Glass Jar, 4 oz.
H - 6 (2')	E311034-06A	Soil	11/02/23	11/04/23	Glass Jar, 4 oz.
H - 6 (3')	E311034-07A	Soil	11/02/23	11/04/23	Glass Jar, 4 oz.
H - 6 (4')	E311034-08A	Soil	11/02/23	11/04/23	Glass Jar, 4 oz.

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/10/2023 12:27:50PM

H-3 (0 - 1')

E311034-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.5 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345007
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/06/23	
Surrogate: n-Nonane		*90.3 %*	*50-200*	*11/06/23*	*11/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345023
Chloride	**21.9**	20.0	1	11/06/23	11/07/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/10/2023 12:27:50PM

H - 3 (2')

E311034-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.7 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345007
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/06/23	
Surrogate: n-Nonane		*93.3 %*	*50-200*	*11/06/23*	*11/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345023
Chloride	**94.0**	20.0	1	11/06/23	11/07/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/10/2023 12:27:50PM

H - 3 (3')

E311034-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.5 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345007
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/06/23	
Surrogate: n-Nonane		*87.1 %*	*50-200*	*11/06/23*	*11/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345023
Chloride	**83.2**	20.0	1	11/06/23	11/07/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/10/2023 12:27:50PM

H-3 (4')

E311034-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345007
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/06/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*11/06/23*	*11/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345023
Chloride	**89.2**	20.0	1	11/06/23	11/07/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/10/2023 12:27:50PM

H - 6 (0-1')

E311034-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345007
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/06/23	
Surrogate: n-Nonane		*89.4 %*	*50-200*	*11/06/23*	*11/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345023
Chloride	ND	20.0	1	11/06/23	11/07/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/10/2023 12:27:50PM

H - 6 (2')

E311034-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345007
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/06/23	
Surrogate: n-Nonane		*92.6 %*	*50-200*	*11/06/23*	*11/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345023
Chloride	ND	20.0	1	11/06/23	11/07/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/10/2023 12:27:50PM

H - 6 (3')

E311034-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345007
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/06/23	
Surrogate: n-Nonane		*92.6 %*	*50-200*	*11/06/23*	*11/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345023
Chloride	ND	20.0	1	11/06/23	11/07/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/10/2023 12:27:50PM

H - 6 (4')

E311034-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Benzene	ND	0.0250	1	11/04/23	11/05/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/05/23	
Toluene	ND	0.0250	1	11/04/23	11/05/23	
o-Xylene	ND	0.0250	1	11/04/23	11/05/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/05/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/05/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*11/04/23*	*11/05/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/05/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*11/04/23*	*11/05/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345007
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/06/23	
Surrogate: n-Nonane		*89.9 %*	*50-200*	*11/06/23*	*11/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345023
Chloride	ND	20.0	1	11/06/23	11/07/23	

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/10/2023 12:27:50PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2344121-BLK1)									Prepared: 11/04/23 Analyzed: 11/04/23
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	*8.16*		*8.00*		*102*	*70-130*			
LCS (2344121-BS1)									Prepared: 11/04/23 Analyzed: 11/04/23
Benzene	5.08	0.0250	5.00		102	70-130			
Ethylbenzene	4.91	0.0250	5.00		98.2	70-130			
Toluene	5.09	0.0250	5.00		102	70-130			
o-Xylene	5.05	0.0250	5.00		101	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.29*		*8.00*		*104*	*70-130*			
Matrix Spike (2344121-MS1)				**Source: E311033-03**					Prepared: 11/04/23 Analyzed: 11/04/23
Benzene	5.22	0.0250	5.00	ND	104	54-133			
Ethylbenzene	5.03	0.0250	5.00	ND	101	61-133			
Toluene	5.22	0.0250	5.00	ND	104	61-130			
o-Xylene	5.15	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.5	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.97*		*8.00*		*99.6*	*70-130*			
Matrix Spike Dup (2344121-MSD1)				**Source: E311033-03**					Prepared: 11/04/23 Analyzed: 11/04/23
Benzene	4.97	0.0250	5.00	ND	99.3	54-133	5.08	20	
Ethylbenzene	4.79	0.0250	5.00	ND	95.9	61-133	4.84	20	
Toluene	4.97	0.0250	5.00	ND	99.3	61-130	5.02	20	
o-Xylene	4.91	0.0250	5.00	ND	98.1	63-131	4.90	20	
p,m-Xylene	9.90	0.0500	10.0	ND	99.0	63-131	4.72	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.7	63-131	4.78	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.05*		*8.00*		*101*	*70-130*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/10/2023 12:27:50PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2344121-BLK1)									Prepared: 11/04/23 Analyzed: 11/04/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.22*		*8.00*		*90.2*	*70-130*			
LCS (2344121-BS2)									Prepared: 11/04/23 Analyzed: 11/04/23
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0		83.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.26*		*8.00*		*90.8*	*70-130*			
Matrix Spike (2344121-MS2)				**Source: E311033-03**					Prepared: 11/04/23 Analyzed: 11/04/23
Gasoline Range Organics (C6-C10)	41.8	20.0	50.0	ND	83.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.42*		*8.00*		*92.7*	*70-130*			
Matrix Spike Dup (2344121-MSD2)				**Source: E311033-03**					Prepared: 11/04/23 Analyzed: 11/04/23
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.2	70-130	8.62	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.29*		*8.00*		*91.1*	*70-130*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/10/2023 12:27:50PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2345007-BLK1)									Prepared: 11/06/23 Analyzed: 11/06/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.5*		*50.0*		*93.1*	*50-200*			
LCS (2345007-BS1)									Prepared: 11/06/23 Analyzed: 11/06/23
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	*50.3*		*50.0*		*101*	*50-200*			
Matrix Spike (2345007-MS1)				**Source: E311035-08**					Prepared: 11/06/23 Analyzed: 11/06/23
Diesel Range Organics (C10-C28)	232	25.0	250	ND	92.7	38-132			
Surrogate: n-Nonane	*41.6*		*50.0*		*83.2*	*50-200*			
Matrix Spike Dup (2345007-MSD1)				**Source: E311035-08**					Prepared: 11/06/23 Analyzed: 11/06/23
Diesel Range Organics (C10-C28)	232	25.0	250	ND	92.6	38-132	0.0473	20	
Surrogate: n-Nonane	*44.7*		*50.0*		*89.5*	*50-200*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/10/2023 12:27:50PM

Anions by EPA 300.0/9056A

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 (2345023-BLK1)									Prepared: 11/06/23 Analyzed: 11/07/23
Chloride	ND	20.0							
LCS (2345023-BS1)									Prepared: 11/06/23 Analyzed: 11/07/23
Chloride	240	20.0	250		96.0	90-110			
Matrix Spike (2345023-MS1)				**Source: E311034-07**					Prepared: 11/06/23 Analyzed: 11/07/23
Chloride	250	20.0	250	ND	100	80-120			
Matrix Spike Dup (2345023-MSD1)				**Source: E311034-07**					Prepared: 11/06/23 Analyzed: 11/07/23
Chloride	252	20.0	250	ND	101	80-120	0.612	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:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/10/23 12:27

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.

Analysis Request of Chain of Custody Record E311034 Job# 21102-0001 Page 1 of

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	Targa	Site Manager:	Brittany Long
Project Name:	Palo Duro Gas Plant		(432) 741-5813 brittany.long@tetratech.com
Project Location: (County, state)	Eddy County, NM	Project #:	212C-MD-03218
Invoice to:	ATTN: Targa Resources Michael Gant		
Receiving Laboratory:	Envirotech Inc.	Sampler Signature:	Miguel A. Flores

Comments:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2023 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
1	H-3 (0-1')	11/2/2023			x				x					x		x												X							
2	H-3 (2')	11/2/2023			x				x					x		x												x							
3	H-3 (3')	11/2/2023			x				x					x		x												x							
4	H-3 (4')	11/2/2023			x				x					x		x												x							
5	H-6 (0-1')	11/2/2023			x				x					x		x												x							
6	H-6 (2')	11/2/2023			x				x					x		x												x							
7	H-6 (3')	11/2/2023			x				x					x		x												x							
8	H-6 (4')	11/2/2023			x				x					x		x												x							

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Miguel A Flores	11/3/23	1105	Michelle Gonzalez	11-3-23	1105
Michelle Gonzalez	11-3-23	1730		11-3-23	1830
	11-3-23	2400	Lollie Johnson	11/4/23	6:00

LAB USE ONLY
Sample Temperature 4°C

REMARKS: Standard

☐ RUSH: Same Day 24 hr 48 hr 72 hr
☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

Envirotech Analytical Laboratory

Printed: 11/6/2023 11:25:28AM

Sample Receipt Checklist (SRC)

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

Client:	Targa	Date Received:	11/04/23 06:00	Work Order ID:	E311034
Phone:	(432) 999-8675	Date Logged In:	11/03/23 15:42	Logged In By:	Lacey Rodgers
Email:	brittany.long@tetratech.com	Due Date:	11/10/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Time sampled not provided on samples or COC. Collectors name not on samples.

Client Instruction

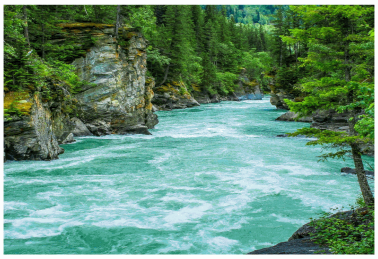
Signature of client authorizing changes to the COC or sample disposition.

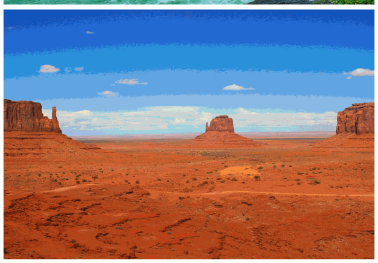
Date

envirotech Inc.

Report to:

Brittany Long





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:	Palo Duro Gas Plant
Work Order:	E311040
Job Number:	21102-0001
Received:	11/4/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/9/23

Date Reported: 11/9/23

Brittany Long
12600 WCR 91
Midland, TX 79707

Project Name: Palo Duro Gas Plant
Workorder: E311040
Date Received: 11/4/2023 6:00:00AM

Brittany Long,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2023 6:00:00AM, under the Project Name: Palo Duro Gas Plant.

The analytical test results summarized in this report with the Project Name: Palo Duro Gas Plant 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:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/09/23 16:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
H - 7	E311040-01A	Soil	11/02/23	11/04/23	Glass Jar, 2 oz.
H - 8	E311040-02A	Soil	11/02/23	11/04/23	Glass Jar, 2 oz.
H - 9	E311040-03A	Soil	11/02/23	11/04/23	Glass Jar, 2 oz.
H - 10	E311040-04A	Soil	11/02/23	11/04/23	Glass Jar, 2 oz.
H - 11	E311040-05A	Soil	11/02/23	11/04/23	Glass Jar, 2 oz.
H-12	E311040-06A	Soil	11/02/23	11/04/23	Glass Jar, 2 oz.
H - 13	E311040-07A	Soil	11/02/23	11/04/23	Glass Jar, 2 oz.
H - 14	E311040-08A	Soil	11/02/23	11/04/23	Glass Jar, 2 oz.

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/9/2023 4:27:24PM

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E311040-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Benzene	ND	0.0250	1	11/06/23	11/07/23	
Ethylbenzene	ND	0.0250	1	11/06/23	11/07/23	
Toluene	ND	0.0250	1	11/06/23	11/07/23	
o-Xylene	ND	0.0250	1	11/06/23	11/07/23	
p,m-Xylene	ND	0.0500	1	11/06/23	11/07/23	
Total Xylenes	ND	0.0250	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345001
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/08/23	
Surrogate: n-Nonane		*93.4 %*	*50-200*	*11/06/23*	*11/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345048
Chloride	ND	20.0	1	11/07/23	11/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/9/2023 4:27:24PM

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E311040-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Benzene	ND	0.0250	1	11/06/23	11/07/23	
Ethylbenzene	ND	0.0250	1	11/06/23	11/07/23	
Toluene	ND	0.0250	1	11/06/23	11/07/23	
o-Xylene	ND	0.0250	1	11/06/23	11/07/23	
p,m-Xylene	ND	0.0500	1	11/06/23	11/07/23	
Total Xylenes	ND	0.0250	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345001
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/08/23	
Surrogate: n-Nonane		*81.1 %*	*50-200*	*11/06/23*	*11/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345048
Chloride	ND	20.0	1	11/07/23	11/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/9/2023 4:27:24PM

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E311040-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Benzene	ND	0.0250	1	11/06/23	11/07/23	
Ethylbenzene	ND	0.0250	1	11/06/23	11/07/23	
Toluene	ND	0.0250	1	11/06/23	11/07/23	
o-Xylene	ND	0.0250	1	11/06/23	11/07/23	
p,m-Xylene	ND	0.0500	1	11/06/23	11/07/23	
Total Xylenes	ND	0.0250	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345001
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/08/23	
Surrogate: n-Nonane		*82.4 %*	*50-200*	*11/06/23*	*11/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345048
Chloride	**20.1**	20.0	1	11/07/23	11/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/9/2023 4:27:24PM

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E311040-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Benzene	ND	0.0250	1	11/06/23	11/07/23	
Ethylbenzene	ND	0.0250	1	11/06/23	11/07/23	
Toluene	ND	0.0250	1	11/06/23	11/07/23	
o-Xylene	ND	0.0250	1	11/06/23	11/07/23	
p,m-Xylene	ND	0.0500	1	11/06/23	11/07/23	
Total Xylenes	ND	0.0250	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345001
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/08/23	
Surrogate: n-Nonane		*82.9 %*	*50-200*	*11/06/23*	*11/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345048
Chloride	**23.0**	20.0	1	11/07/23	11/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/9/2023 4:27:24PM

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E311040-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Benzene	ND	0.0250	1	11/06/23	11/07/23	
Ethylbenzene	ND	0.0250	1	11/06/23	11/07/23	
Toluene	ND	0.0250	1	11/06/23	11/07/23	
o-Xylene	ND	0.0250	1	11/06/23	11/07/23	
p,m-Xylene	ND	0.0500	1	11/06/23	11/07/23	
Total Xylenes	ND	0.0250	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345001
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/08/23	
Surrogate: n-Nonane		*94.1 %*	*50-200*	*11/06/23*	*11/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345048
Chloride	ND	20.0	1	11/07/23	11/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/9/2023 4:27:24PM

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E311040-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Benzene	ND	0.0250	1	11/06/23	11/07/23	
Ethylbenzene	ND	0.0250	1	11/06/23	11/07/23	
Toluene	ND	0.0250	1	11/06/23	11/07/23	
o-Xylene	ND	0.0250	1	11/06/23	11/07/23	
p,m-Xylene	ND	0.0500	1	11/06/23	11/07/23	
Total Xylenes	ND	0.0250	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345001
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/08/23	
Surrogate: n-Nonane		*87.9 %*	*50-200*	*11/06/23*	*11/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345048
Chloride	**21.5**	20.0	1	11/07/23	11/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/9/2023 4:27:24PM

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E311040-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Benzene	ND	0.0250	1	11/06/23	11/07/23	
Ethylbenzene	ND	0.0250	1	11/06/23	11/07/23	
Toluene	ND	0.0250	1	11/06/23	11/07/23	
o-Xylene	ND	0.0250	1	11/06/23	11/07/23	
p,m-Xylene	ND	0.0500	1	11/06/23	11/07/23	
Total Xylenes	ND	0.0250	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345001
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/08/23	
Surrogate: n-Nonane		*84.8 %*	*50-200*	*11/06/23*	*11/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345048
Chloride	ND	20.0	1	11/07/23	11/09/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/9/2023 4:27:24PM

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E311040-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Benzene	ND	0.0250	1	11/06/23	11/07/23	
Ethylbenzene	ND	0.0250	1	11/06/23	11/07/23	
Toluene	ND	0.0250	1	11/06/23	11/07/23	
o-Xylene	ND	0.0250	1	11/06/23	11/07/23	
p,m-Xylene	ND	0.0500	1	11/06/23	11/07/23	
Total Xylenes	ND	0.0250	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2345016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/23	11/07/23	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*11/06/23*	*11/07/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/06/23*	*11/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2345001
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/23	11/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/23	11/08/23	
Surrogate: n-Nonane		*75.7 %*	*50-200*	*11/06/23*	*11/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2345048
Chloride	ND	20.0	1	11/07/23	11/09/23	

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/9/2023 4:27:24PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2345016-BLK1)									Prepared: 11/06/23 Analyzed: 11/07/23
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	*0.498*		*0.500*		*99.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.544*		*0.500*		*109*	*70-130*			
LCS (2345016-BS1)									Prepared: 11/06/23 Analyzed: 11/07/23
Benzene	2.62	0.0250	2.50		105	70-130			
Ethylbenzene	2.68	0.0250	2.50		107	70-130			
Toluene	2.73	0.0250	2.50		109	70-130			
o-Xylene	2.52	0.0250	2.50		101	70-130			
p,m-Xylene	5.08	0.0500	5.00		102	70-130			
Total Xylenes	7.60	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: Toluene-d8	*0.545*		*0.500*		*109*	*70-130*			
Matrix Spike (2345016-MS1)				**Source: E311040-03**					Prepared: 11/06/23 Analyzed: 11/07/23
Benzene	2.62	0.0250	2.50	ND	105	48-131			
Ethylbenzene	2.59	0.0250	2.50	ND	104	45-135			
Toluene	2.65	0.0250	2.50	ND	106	48-130			
o-Xylene	2.52	0.0250	2.50	ND	101	43-135			
p,m-Xylene	5.07	0.0500	5.00	ND	101	43-135			
Total Xylenes	7.59	0.0250	7.50	ND	101	43-135			
Surrogate: Bromofluorobenzene	*0.488*		*0.500*		*97.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: Toluene-d8	*0.531*		*0.500*		*106*	*70-130*			
Matrix Spike Dup (2345016-MSD1)				**Source: E311040-03**					Prepared: 11/06/23 Analyzed: 11/07/23
Benzene	2.63	0.0250	2.50	ND	105	48-131	0.439	23	
Ethylbenzene	2.64	0.0250	2.50	ND	106	45-135	1.80	27	
Toluene	2.70	0.0250	2.50	ND	108	48-130	1.96	24	
o-Xylene	2.58	0.0250	2.50	ND	103	43-135	2.35	27	
p,m-Xylene	5.23	0.0500	5.00	ND	104	43-135	2.94	27	
Total Xylenes	7.81	0.0250	7.50	ND	104	43-135	2.75	27	
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.3*	*70-130*			
Surrogate: Toluene-d8	*0.544*		*0.500*		*109*	*70-130*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/9/2023 4:27:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2345016-BLK1)									Prepared: 11/06/23 Analyzed: 11/07/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.498*		*0.500*		*99.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.544*		*0.500*		*109*	*70-130*			
LCS (2345016-BS2)									Prepared: 11/06/23 Analyzed: 11/07/23
Gasoline Range Organics (C6-C10)	57.8	20.0	50.0		116	70-130			
Surrogate: Bromofluorobenzene	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.498*		*0.500*		*99.5*	*70-130*			
Surrogate: Toluene-d8	*0.556*		*0.500*		*111*	*70-130*			
Matrix Spike (2345016-MS2)				**Source: E311040-03**					Prepared: 11/06/23 Analyzed: 11/07/23
Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130			
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.486*		*0.500*		*97.2*	*70-130*			
Surrogate: Toluene-d8	*0.556*		*0.500*		*111*	*70-130*			
Matrix Spike Dup (2345016-MSD2)				**Source: E311040-03**					Prepared: 11/06/23 Analyzed: 11/07/23
Gasoline Range Organics (C6-C10)	56.2	20.0	50.0	ND	112	70-130	0.410	20	
Surrogate: Bromofluorobenzene	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: Toluene-d8	*0.552*		*0.500*		*110*	*70-130*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/9/2023 4:27:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2345001-BLK1)									Prepared: 11/06/23 Analyzed: 11/07/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*40.8*		*50.0*		*81.5*	*50-200*			
LCS (2345001-BS1)									Prepared: 11/06/23 Analyzed: 11/07/23
Diesel Range Organics (C10-C28)	199	25.0	250		79.4	38-132			
Surrogate: n-Nonane	*40.7*		*50.0*		*81.4*	*50-200*			
Matrix Spike (2345001-MS1)				**Source: E311040-03**					Prepared: 11/06/23 Analyzed: 11/07/23
Diesel Range Organics (C10-C28)	204	25.0	250	ND	81.4	38-132			
Surrogate: n-Nonane	*42.2*		*50.0*		*84.4*	*50-200*			
Matrix Spike Dup (2345001-MSD1)				**Source: E311040-03**					Prepared: 11/06/23 Analyzed: 11/07/23
Diesel Range Organics (C10-C28)	207	25.0	250	ND	82.9	38-132	1.81	20	
Surrogate: n-Nonane	*34.5*		*50.0*		*69.0*	*50-200*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/9/2023 4:27:24PM

Anions by EPA 300.0/9056A

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 (2345048-BLK1)									Prepared: 11/07/23 Analyzed: 11/09/23
Chloride	ND	20.0							
LCS (2345048-BS1)									Prepared: 11/07/23 Analyzed: 11/09/23
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2345048-MS1)				**Source: E311040-06**					Prepared: 11/07/23 Analyzed: 11/09/23
Chloride	260	20.0	250	21.5	95.4	80-120			
Matrix Spike Dup (2345048-MSD1)				**Source: E311040-06**					Prepared: 11/07/23 Analyzed: 11/09/23
Chloride	263	20.0	250	21.5	96.6	80-120	1.09	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:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/09/23 16:27

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.

Analysis Request of Chain of Custody Record

E311040 Job# 212C-0001

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: Targa

Site Manager: Brittany Long

Project Name: Palo Duro Gas Plant

(432) 741-5813
brittany.long@tetratech.com

Project Location: (County, state) Eddy County, NM

Project #: 212C-MD-03218

Invoice to: ATTN: Targa Resources Michael Gant

Receiving Laboratory: Envirotech Inc.

Sampler Signature: Miguel A. Flores

Comments:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2023 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
1	H-7	11/2/2023			x				x					x		x												X							
2	H-8	11/2/2023			x				x					x		x												X							
3	H-9	11/2/2023			x				x					x		x												X							
4	H-10	11/2/2023			x				x					x		x												X							
5	H-11	11/2/2023			x				x					x		x												X							
6	H-12	11/2/2023			x				x					x		x												X							
7	H-13	11/2/2023			x				x					x		x												X							
8	H-14	11/2/2023			x				x					x		x												X							

Relinquished by: Miguel A Flores Date: 11/3/23 Time: 1105
Received by: Michelle Gonzalez Date: 11-3-23 Time: 1105

Relinquished by: Michelle Gonzalez Date: 11-3-23 Time: 1730
Received by: Andrew Mesa Date: 11.3.23 Time: 1830

Relinquished by: Andrew Mesa Date: 11.3.23 Time: 2400
Received by: Raina Lang Date: 11/4/23 Time: 6:80

LAB USE ONLY
Sample Temperature
4°C

REMARKS: Standard

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

Envirotech Analytical Laboratory

Printed: 11/6/2023 11:49:01AM

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:	11/04/23 06:00	Work Order ID:	E311040
Phone:	(432) 999-8675	Date Logged In:	11/03/23 16:23	Logged In By:	Lacey Rodgers
Email:	brittany.long@tetratech.com	Due Date:	11/10/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Time sampled not provided on samples or COC. Collectors name not on samples.

Client Instruction

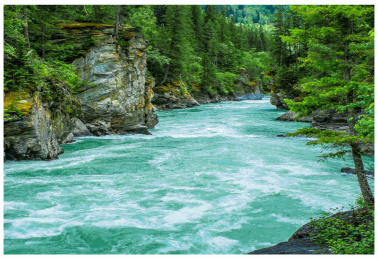
Signature of client authorizing changes to the COC or sample disposition.

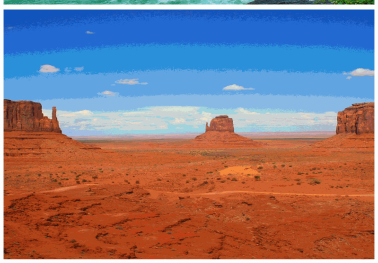
Date

envirotech Inc.

Report to:

Brittany Long





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:	Palo Duro Gas Plant
Work Order:	E311033
Job Number:	21102-0001
Received:	11/4/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/7/23

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

Date Reported: 11/7/23

Brittany Long
12600 WCR 91
Midland, TX 79707

Project Name: Palo Duro Gas Plant
Workorder: E311033
Date Received: 11/4/2023 6:00:00AM

Brittany Long,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2023 6:00:00AM, under the Project Name: Palo Duro Gas Plant.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Alexa Michaels
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labadmin@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/07/23 11:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH-1 (4')	E311033-01A	Soil	11/02/23	11/04/23	Glass Jar, 4 oz.
SW-1	E311033-02A	Soil	11/02/23	11/04/23	Glass Jar, 4 oz.
SW-2	E311033-03A	Soil	11/02/23	11/04/23	Glass Jar, 4 oz.
SW-3	E311033-04A	Soil	11/02/23	11/04/23	Glass Jar, 4 oz.
SW-4	E311033-05A	Soil	11/02/23	11/04/23	Glass Jar, 4 oz.

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:56:06AM

BH-1 (4')

E311033-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2344122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/23	11/04/23	
Surrogate: n-Nonane		*93.4 %*	*50-200*	*11/04/23*	*11/04/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	

envirotech Inc.

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:56:06AM

SW-1

E311033-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2344122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/23	11/04/23	
Surrogate: n-Nonane		*94.0 %*	*50-200*	*11/04/23*	*11/04/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	

envirotech Inc.

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:56:06AM

SW-2

E311033-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2344122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/23	11/04/23	
Surrogate: n-Nonane		*93.5 %*	*50-200*	*11/04/23*	*11/04/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:56:06AM

SW-3

E311033-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2344122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/23	11/04/23	
Surrogate: n-Nonane		*90.0 %*	*50-200*	*11/04/23*	*11/04/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	

envirotech Inc.

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:56:06AM

SW-4

E311033-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344121
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2344122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/23	11/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/23	11/05/23	
Surrogate: n-Nonane		*93.3 %*	*50-200*	*11/04/23*	*11/05/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	

envirotech Inc.

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:56:06AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2344121-BLK1)									Prepared: 11/04/23 Analyzed: 11/04/23
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	*8.16*		*8.00*		*102*	*70-130*			
LCS (2344121-BS1)									Prepared: 11/04/23 Analyzed: 11/04/23
Benzene	5.08	0.0250	5.00		102	70-130			
Ethylbenzene	4.91	0.0250	5.00		98.2	70-130			
Toluene	5.09	0.0250	5.00		102	70-130			
o-Xylene	5.05	0.0250	5.00		101	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.29*		*8.00*		*104*	*70-130*			
Matrix Spike (2344121-MS1)				**Source: E311033-03**					Prepared: 11/04/23 Analyzed: 11/04/23
Benzene	5.22	0.0250	5.00	ND	104	54-133			
Ethylbenzene	5.03	0.0250	5.00	ND	101	61-133			
Toluene	5.22	0.0250	5.00	ND	104	61-130			
o-Xylene	5.15	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.5	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.97*		*8.00*		*99.6*	*70-130*			
Matrix Spike Dup (2344121-MSD1)				**Source: E311033-03**					Prepared: 11/04/23 Analyzed: 11/04/23
Benzene	4.97	0.0250	5.00	ND	99.3	54-133	5.08	20	
Ethylbenzene	4.79	0.0250	5.00	ND	95.9	61-133	4.84	20	
Toluene	4.97	0.0250	5.00	ND	99.3	61-130	5.02	20	
o-Xylene	4.91	0.0250	5.00	ND	98.1	63-131	4.90	20	
p,m-Xylene	9.90	0.0500	10.0	ND	99.0	63-131	4.72	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.7	63-131	4.78	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.05*		*8.00*		*101*	*70-130*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:56:06AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2344121-BLK1)									Prepared: 11/04/23 Analyzed: 11/04/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.22*		*8.00*		*90.2*	*70-130*			
LCS (2344121-BS2)									Prepared: 11/04/23 Analyzed: 11/04/23
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0		83.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.26*		*8.00*		*90.8*	*70-130*			
Matrix Spike (2344121-MS2)				**Source: E311033-03**					Prepared: 11/04/23 Analyzed: 11/04/23
Gasoline Range Organics (C6-C10)	41.8	20.0	50.0	ND	83.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.42*		*8.00*		*92.7*	*70-130*			
Matrix Spike Dup (2344121-MSD2)				**Source: E311033-03**					Prepared: 11/04/23 Analyzed: 11/04/23
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.2	70-130	8.62	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.29*		*8.00*		*91.1*	*70-130*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:56:06AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2344122-BLK1)									Prepared: 11/04/23 Analyzed: 11/04/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.1*		*50.0*		*104*	*50-200*			
LCS (2344122-BS1)									Prepared: 11/04/23 Analyzed: 11/04/23
Diesel Range Organics (C10-C28)	271	25.0	250		108	38-132			
Surrogate: n-Nonane	*55.5*		*50.0*		*111*	*50-200*			
Matrix Spike (2344122-MS1)				**Source: E311019-05**					Prepared: 11/04/23 Analyzed: 11/04/23
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	*51.4*		*50.0*		*103*	*50-200*			
Matrix Spike Dup (2344122-MSD1)				**Source: E311019-05**					Prepared: 11/04/23 Analyzed: 11/04/23
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.4	38-132	3.30	20	
Surrogate: n-Nonane	*50.9*		*50.0*		*102*	*50-200*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:56:06AM

Anions by EPA 300.0/9056A

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 (2344113-BLK1)									Prepared: 11/04/23 Analyzed: 11/04/23
Chloride	ND	20.0							
LCS (2344113-BS1)									Prepared: 11/04/23 Analyzed: 11/04/23
Chloride	247	20.0	250		99.0	90-110			
Matrix Spike (2344113-MS1)				**Source: E311032-03**					Prepared: 11/04/23 Analyzed: 11/04/23
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2344113-MSD1)				**Source: E311032-03**					Prepared: 11/04/23 Analyzed: 11/04/23
Chloride	248	20.0	250	ND	99.2	80-120	3.12	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:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/07/23 11:56

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.

Analysis Request of Chain of Custody Record E311033 Job# 21102-0001 Page 1 of

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: Targa
Site Manager: Brittany Long
Project Name: Palo Duro Gas Plant
(432) 741-5813
brittany.long@tetratech.com
Project Location: (county, state) Eddy County, NM
Project #: 212C-MD-03218
Invoice to: ATTN: Targa Resources Michael Gant
Receiving Laboratory: Envirotech Inc.
Sampler Signature: Miguel A. Flores
Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2023)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
1	BH-1 (4')	11/2/2023			x				x					x		x													X							
2	SW-1	11/2/2023			x				x					x		x													x							
3	SW-2	11/2/2023			x				x					x		x													x							
4	SW-3	11/2/2023			x				x					x		x													x							
5	SW-4	11/2/2023			x				x					x		x													x							

ANALYSIS REQUEST
(Circle or Specify Method No.)

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Miguel A Flores	11/3/23	1105	Michelle Gonzales	11-3-23	1105
Michelle Gonzales	11-3-23	1730	Andrew Mesa	11.3.23	1830
Andrew Mesa	11.3.23	2400	Rosie Schwartz	11/4/23	6:00

LAB USE ONLY
Sample Temperature 4°C

REMARKS: Standard
[X] RUSH: Same Day (24 hr) 48 hr 72 hr
[ ] Rush Charges Authorized
[ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

Envirotech Analytical Laboratory

Printed: 11/6/2023 11:22:34AM

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:	11/04/23 06:00	Work Order ID:	E311033
Phone:	(432) 999-8675	Date Logged In:	11/03/23 15:32	Logged In By:	Jordan Montano
Email:	brittany.long@tetratech.com	Due Date:	11/06/23 17:00 (0 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?	No	

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Time sampled not provided on samples or COC. Collectors name not on samples.

Client Instruction

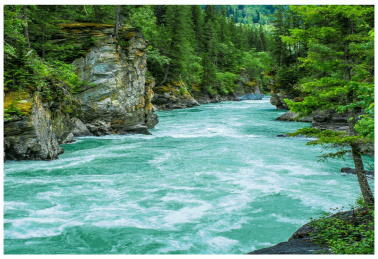
Signature of client authorizing changes to the COC or sample disposition.

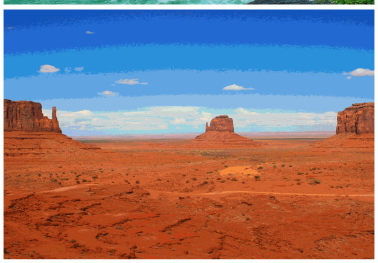
Date

envirotech Inc.

Report to:

Brittany Long





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:	Palo Duro Gas Plant
Work Order:	E311032
Job Number:	21102-0001
Received:	11/4/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/7/23

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

Date Reported: 11/7/23

Brittany Long
12600 WCR 91
Midland, TX 79707

Project Name: Palo Duro Gas Plant
Workorder: E311032
Date Received: 11/4/2023 6:00:00AM

Brittany Long,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2023 6:00:00AM, under the Project Name: Palo Duro Gas Plant.

The analytical test results summarized in this report with the Project Name: Palo Duro Gas Plant 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

Alexa Michaels
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labadmin@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/07/23 11:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH-2 (8')	E311032-01A	Solid	11/02/23	11/04/23	Glass Jar, 4 oz.
SW-5	E311032-02A	Solid	11/02/23	11/04/23	Glass Jar, 4 oz.
SW-6	E311032-03A	Solid	11/02/23	11/04/23	Glass Jar, 4 oz.
SW-7	E311032-04A	Solid	11/02/23	11/04/23	Glass Jar, 4 oz.
SW-8	E311032-05A	Solid	11/02/23	11/04/23	Glass Jar, 4 oz.

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:51:28AM

BH-2 (8')

E311032-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344106
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2344112
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/23	11/04/23	
Surrogate: n-Nonane		*86.8 %*	*50-200*	*11/04/23*	*11/04/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	

envirotech Inc.

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:51:28AM

SW-5

E311032-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344106
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2344112
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/23	11/04/23	
Surrogate: n-Nonane		*84.8 %*	*50-200*	*11/04/23*	*11/04/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:51:28AM

SW-6

E311032-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344106
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2344112
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/23	11/04/23	
Surrogate: n-Nonane		*84.9 %*	*50-200*	*11/04/23*	*11/04/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/04/23	

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:51:28AM

SW-7

E311032-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344106
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2344112
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/23	11/04/23	
Surrogate: n-Nonane		*85.5 %*	*50-200*	*11/04/23*	*11/04/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	

envirotech Inc.

Sample Data

Targa	Project Name:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:51:28AM

SW-8

E311032-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2344106
Benzene	ND	0.0250	1	11/04/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/04/23	11/04/23	
Toluene	ND	0.0250	1	11/04/23	11/04/23	
o-Xylene	ND	0.0250	1	11/04/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/04/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/04/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2344106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*11/04/23*	*11/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2344112
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/23	11/04/23	
Surrogate: n-Nonane		*86.2 %*	*50-200*	*11/04/23*	*11/04/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:51:28AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2344106-BLK1)									Prepared: 11/04/23 Analyzed: 11/04/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.9*	*70-130*			
LCS (2344106-BS1)									Prepared: 11/04/23 Analyzed: 11/04/23
Benzene	5.40	0.0250	5.00		108	70-130			
Ethylbenzene	5.32	0.0250	5.00		106	70-130			
Toluene	5.39	0.0250	5.00		108	70-130			
o-Xylene	5.35	0.0250	5.00		107	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.2	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.13*		*8.00*		*102*	*70-130*			
Matrix Spike (2344106-MS1)				**Source: E311041-01**					Prepared: 11/04/23 Analyzed: 11/04/23
Benzene	5.24	0.0250	5.00	ND	105	54-133			
Ethylbenzene	5.16	0.0250	5.00	ND	103	61-133			
Toluene	5.21	0.0250	5.00	ND	104	61-130			
o-Xylene	5.17	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131			
Total Xylenes	15.7	0.0250	15.0	ND	105	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.90*		*8.00*		*98.8*	*70-130*			
Matrix Spike Dup (2344106-MSD1)				**Source: E311041-01**					Prepared: 11/04/23 Analyzed: 11/04/23
Benzene	5.38	0.0250	5.00	ND	108	54-133	2.60	20	
Ethylbenzene	5.31	0.0250	5.00	ND	106	61-133	2.88	20	
Toluene	5.34	0.0250	5.00	ND	107	61-130	2.44	20	
o-Xylene	5.33	0.0250	5.00	ND	107	63-131	2.97	20	
p,m-Xylene	10.8	0.0500	10.0	ND	108	63-131	2.85	20	
Total Xylenes	16.1	0.0250	15.0	ND	108	63-131	2.89	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.80*		*8.00*		*97.5*	*70-130*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:51:28AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2344106-BLK1)									Prepared: 11/04/23 Analyzed: 11/04/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.31*		*8.00*		*91.4*	*70-130*			
LCS (2344106-BS2)									Prepared: 11/04/23 Analyzed: 11/04/23
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.28*		*8.00*		*91.0*	*70-130*			
Matrix Spike (2344106-MS2)				**Source: E311041-01**					Prepared: 11/04/23 Analyzed: 11/04/23
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike Dup (2344106-MSD2)				**Source: E311041-01**					Prepared: 11/04/23 Analyzed: 11/04/23
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.3	70-130	0.531	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.29*		*8.00*		*91.1*	*70-130*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:51:28AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2344112-BLK1)									Prepared: 11/04/23 Analyzed: 11/06/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.1*		*50.0*		*86.3*	*50-200*			
LCS (2344112-BS1)									Prepared: 11/04/23 Analyzed: 11/04/23
Diesel Range Organics (C10-C28)	227	25.0	250		90.8	38-132			
Surrogate: n-Nonane	*44.4*		*50.0*		*88.8*	*50-200*			
Matrix Spike (2344112-MS1)				**Source: E311041-07**					Prepared: 11/04/23 Analyzed: 11/04/23
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.8	38-132			
Surrogate: n-Nonane	*46.5*		*50.0*		*93.0*	*50-200*			
Matrix Spike Dup (2344112-MSD1)				**Source: E311041-07**					Prepared: 11/04/23 Analyzed: 11/04/23
Diesel Range Organics (C10-C28)	240	25.0	250	ND	96.2	38-132	0.673	20	
Surrogate: n-Nonane	*44.3*		*50.0*		*88.6*	*50-200*			

QC Summary Data

Targa	Project Name:	Palo Duro Gas Plant	**Reported:**
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:51:28AM

Anions by EPA 300.0/9056A

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 (2344113-BLK1)									Prepared: 11/04/23 Analyzed: 11/04/23
Chloride	ND	20.0							
LCS (2344113-BS1)									Prepared: 11/04/23 Analyzed: 11/04/23
Chloride	247	20.0	250		99.0	90-110			
Matrix Spike (2344113-MS1)				**Source: E311032-03**					Prepared: 11/04/23 Analyzed: 11/04/23
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2344113-MSD1)				**Source: E311032-03**					Prepared: 11/04/23 Analyzed: 11/04/23
Chloride	248	20.0	250	ND	99.2	80-120	3.12	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:	Palo Duro Gas Plant	
12600 WCR 91	Project Number:	21102-0001	**Reported:**
Midland TX, 79707	Project Manager:	Brittany Long	11/07/23 11:51

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.

Analysis Request of Chain of Custody Record E311032 Job# 21102-0001 Page 1 of

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: Targa
Site Manager: Brittany Long
Project Name: Palo Duro Gas Plant
(432) 741-5813
brittany.long@tetratech.com
Project Location: (county, state) Eddy County, NM
Project #: 212C-MD-03218
Invoice to: ATTN: Targa Resources Michael Gant
Receiving Laboratory: Envirotech Inc.
Sampler Signature: Miguel A. Flores
Comments:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
1	BH-2 (8')	11/2/2023			X				X					X		X												X								
2	SW-5	11/2/2023			X				X					X		X												X								
3	SW-6	11/2/2023			X				X					X		X												X								
4	SW-7	11/2/2023			X				X					X		X												X								
5	SW-8	11/2/2023			X				X					X		X												X								

Relinquished by: Miguel A Flores Date: 11/3/23 Time: 1105
Received by: Michelle Gonzales Date: 11-3-23 Time: 1105
Relinquished by: Michelle Gonzales Date: 11-3-23 Time: 1730
Received by: Andrew Molina Date: 11.3.23 Time: 1830
Relinquished by: Andrew Molina Date: 11.3.23 Time: 2400
Received by: Raina Schwanz Date: 11/4/23 Time: 6:00

LAB USE ONLY
Sample Temperature 4°C

REMARKS: Standard
[X] RUSH: Same Day 24 hr 48 hr 72 hr
[ ] Rush Charges Authorized
[ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

Envirotech Analytical Laboratory

Printed: 11/6/2023 11:18:59AM

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:	11/04/23 06:00	Work Order ID:	E311032
Phone:	(432) 999-8675	Date Logged In:	11/03/23 15:09	Logged In By:	Jordan Montano
Email:	brittany.long@tetratech.com	Due Date:	11/06/23 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Time sampled not provided on samples or COC. Collectors name not on samples.

Client Instruction

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

Date

envirotech Inc.

TETRA TECH

Appendix D

State Correspondence

Long, Brittany

From: Groves, Amber <agroves@slo.state.nm.us>
Sent: Tuesday, April 25, 2017 10:47 AM
To: Bratcher, Mike, EMNRD; Kerry Egan
Cc: Weaver, Crystal, EMNRD
Subject: RE: Palo Duro Release

Kerry,

I am also good with a scrape and letting the area in the pasture naturally attenuate. I am also in agreement on a 60 day monitoring period.

Thank you,

Amber Groves
Remediation Specialist
Field Operations Division
(575)392-3697
(575)263-3209 cell
New Mexico State Land Office
2827 N. Dal Paso Suite 117
Hobbs, NM 88260

From: Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]
Sent: Tuesday, April 18, 2017 10:47 AM
To: Kerry Egan <KEgan@agaveenergy.com>
Cc: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Groves, Amber <agroves@slo.state.nm.us>
Subject: RE: Palo Duro Release

Kerry,

I will enter the C-141 as an initial, so at some point, you will need to file a final to close it out. I am OK with a scrape inside the facility to remove the burned area. I agree that the overspray area should naturally attenuate relatively quickly, but will let Amber weigh in if she is comfortable with that or maybe a surfactant wash down on the vegetation. Either way, probably monitor for 60 days or so before filing a closure.

Let me know what you think.

Mike Bratcher

NMOCD District 2
811 South First Street
Artesia NM 88210
575-748-1283 Ext 108
mike.bratcher@state.nm.us

From: Kerry Egan [mailto:KEgan@agaveenergy.com]
Sent: Monday, April 17, 2017 10:03 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Groves, Amber <agroves@slo.state.nm.us>
Subject: Palo Duro Release

Mike,

I apologize for the delay in getting you the paperwork after discussing this release with you in the office on Wednesday (4/12/17). As I had mentioned we had a release at our Palo Duro Gas Plant on 4/11/17, which based on the volumes released would have been unreportable, but resulted in a fire on the location. The fire was limited to the pad inside of our fence line and resulted in no major damage beyond charred caliche. I've attached a picture of the area, approximately 30' by 50' in extent. The only apparent evidence of material making it past the fence is a very light film found on grass 5'-10' past the fence line. There is no evidence that material penetrated the surface of the soil. I have attached a picture of the north fence line, which is adjacent to the release point. As you can see there is only very minimal observable contamination As such Lucid is proposing to allow the material to naturally flash and attenuate to prevent doing more significant damage to the vegetation by excavation. The released hydrocarbons had already gone through a glycol dehydration process to remove water, so chlorides are not of concern with this release.

Please review the attached C141 form and pictures and let me know if there are any questions.

Thanks,
Kerry Egan
Environmental Technician

LUCID energy group

326 W. Quay
Artesia, NM Office: (575) 810-6021 | Cell: (575) 513-8988
Kegan@agaveenergy.com | www.lucid-energy.com

Gant, Michael

From: Kerry Egan
Sent: Friday, July 21, 2017 4:16 PM
To: 'Bratcher, Mike, EMNRD'
Cc: Weaver, Crystal, EMNRD; Groves, Amber
Subject: RE: Palo Duro Release 2RP-4175
Attachments: 2017July21_PaloDuro_FinalC141.pdf

Mike,

I wanted to follow up with you on this release. I was out at the site yesterday and inspected the area that had the overspray on it. Based on my visible observations the hydrocarbons have attenuated, and it doesn't appear that there is anything but trace amounts of contamination left in place. As such I would like to request closure for this release. Please let me know if you have any questions.

Thanks,
Kerry Egan
Environmental Compliance Coordinator

LUCID energy group

326 W. Quay
Artesia, NM Office: (575) 810-6021 | Cell: (575) 513-8988
Kegan@agaveenergy.com | www.lucid-energy.com

From: Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]
Sent: Tuesday, April 18, 2017 10:47 AM
To: Kerry Egan <KEgan@agaveenergy.com>
Cc: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Groves, Amber <agroves@slo.state.nm.us>
Subject: RE: Palo Duro Release

Kerry,

I will enter the C-141 as an initial, so at some point, you will need to file a final to close it out. I am OK with a scrape inside the facility to remove the burned area. I agree that the overspray area should naturally attenuate relatively quickly, but will let Amber weigh in if she is comfortable with that or maybe a surfactant wash down on the vegetation. Either way, probably monitor for 60 days or so before filing a closure.

Let me know what you think.

Mike Bratcher
NMOCD District 2
811 South First Street
Artesia NM 88210
575-748-1283 Ext 108
mike.bratcher@state.nm.us

Gant, Michael

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Monday, July 31, 2023 8:52 AM
To: Gant, Michael
Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD; Higginbotham, Christina M.; Smith, Cory, EMNRD
Subject: RE: [EXTERNAL] NAB1714639317 Extension Request

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning Mr. Gant,

An extension of 90 days for incident # **NAB1710853071 at the Palo Duro Compressor Station** has been approved. The new due date is **10/31/2023**.

In the future if extension requests are needed, provide a timeframe of how long of an extension is being requested i.e., 30 days, 60 days, etc.

Thank you for the information regarding the operator changes of the facilities. The facilities listed below have had the operator information switched over to Targa. The two incidents in "Closure Not Approved" status have also had the operator changed to reflect the change in operator.

Please Include this e-mail correspondence in the remediation and/or closure report when submitting to the OCD Permitting website.

Thank you,
Brittany Hall ● Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.517.5333 | Brittany.Hall@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd/

From: Gant, Michael <mgant@targaresources.com>
Sent: Friday, July 28, 2023 1:54 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Higginbotham, Christina M. <chigginbotham@targaresources.com>; Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov>
Subject: RE: [EXTERNAL] NAB1714639317 Extension Request

Good Afternoon Ms. Hall,

Targa Resources would like to submit a request for extension of time to respond to the incident, **NAB1710853071** at the **Palo Duro** Compressor Station. This incident occurred in 2017 under Lucid Energy Delaware LLC. and a C141 report was

submitted via email on 4.17.2017. Due to the Lucid OGRID duplication the 4/17/23 closure denial notice sent by the OCD was similarly not received by a Targa representative.

Regarding the other facilities, the associated 371960 OGRID facilities and closed incidents include assorted Lucid assets from their Artesia operating area as well as the Carlsbad operating area. These Lucid Artesia assets, Emma 8" Steel Line and Preston Battery, were sold to Durango Midstream in 2021. This will require a portion of the listed facilities to be transferred to the current Targa Northern Delaware OGRID 331548. I've added additional information to the table below to indicate the most recent operator ownership.

Please let me know if you have any questions or concerns.

OGRID	Facility ID	District Name	Facility Name	Status	Surface Owner	Type	Type Description	Location	County Name	Open Nur
371960	fOY1808747316	Hobbs	Rojo Toro ROW pipeline	Active	Private	PLG	Pipeline - Gas - (PLG)	O-15-24S-34E	Lea (25)	**NOY180**
372422	fAB1818432540	Artesia	Roadrunner Delivery Point	Active	State	TB	Tank Battery - (TB)	-23-24S-27E	Eddy (15)	**NAB181**
371960	fAB1806740738	Artesia	Roadrunner Gas Plant	Active	Private	GP	Gas Plant - (GP)	D-32-23S-28E	Eddy (15)	**NAB180**
371960	fAB1806440448	Artesia	Emma 8" Steel line	Active	Private	PLG	Pipeline - Gas - (PLG)	-21-19S-	Eddy (15)	**NAB180**
371960	fAB1724026582	Artesia	Preston Battery	Active	Federal	PLG	Pipeline - Gas - (PLG)	L-35-20S-24E	Eddy (15)	**NAB172**
371960	fAB1714639098	Artesia	Coyote Compressor Station	Active	State	CS	Compressor Station - (CS)	C-09-25S-27E	Eddy (15)	**NAB171**
371960	fAB1710852858	Artesia	Palo Duro Gas Plant	Active	State	PLG	Pipeline - Gas - (PLG)	I-35-23S-27E	Eddy (15)	**NAB171**
371960	fAB1704752226	Artesia	Pauline 8" Poly line	Active	Federal	PLG	Pipeline - Gas - (PLG)	D-28-23S-31E	Eddy (15)	**NAB170**

Thanks and have a great weekend,

Michael Gant
Senior Environmental Specialist

TARGA

Targa Resources
3100 McKinnon St. #800 Dallas, TX 75201
+1 (314) 330 7876 Cell
mgant@targaresources.com

https://www.targaresources.com/

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Tuesday, July 25, 2023 10:59 AM
To: Gant, Michael <mgant@targaresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Higginbotham, Christina M. <chigginbotham@targaresources.com>; Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov>
Subject: RE: [EXTERNAL] NAB1714639317 Extension Request

Mr. Gant,

Could you please provide me with an extension request timeframe?

The OCD provided notice to the person who submitted the application or an authorized user from the Operators Admin list for the operator that the OCD has on file. If said person is no longer the person to contact, it is the current Operator's responsibility to monitor any applications that they may have submitted and/or let the OCD know if contact information needs to be updated.

Additionally, it is the Operators responsibility to review all open incidents/compliances issues when purchasing assets. Per your approved C-145, Targa acknowledged that they would be the responsible party for any unresolved incidents. At this current time facilities and their associated incidents do not automatically change operators when a C-145 is approved. Below are 8 facilities listed under Lucid's OGRID, are these facilities that need to be transferred to Targa? If so, could you provide the correct current OGRID number for Targa as there are multiple OGRID numbers in our system.

Lastly, any application submitted through OCD Permitting can be viewed by clicking on "Action Status" under the "Operator Data" drop down menu. The Action ID are hyperlinks, and any conditions of approvals or reasons for rejections will be displayed. Alternatively, Operators can also see approved documents in the incident files, while looking at the Incident details information.

If there are any submissions made by Lucid for sites/facilities now owned by Targa, we will need to manually update the contact information. If you find any of those submissions, please provide us with the Application ID number and the correct contact information.

Facility Id	District Name	Facility Name	Status	Surface Owner	Type	Type Description	Location	County Name	Open Incident Numbers
fOY1808747316	Hobbs	Lucid Rojo Toro ROW pipeline	Active	Private	PLG	Pipeline - Gas - (PLG)	O-15-24S-34E	Lea (25)	
fAB1818432540	Artesia	Roadrunner Delivery Point	Active	State	TB	Tank Battery - (TB)	-23-24S-27E	Eddy (15)	
fAB1806740738	Artesia	Roadrunner Gas Plant	Active	Private	GP	Gas Plant - (GP)	D-32-23S-28E	Eddy (15)	
fAB1806440448	Artesia	Emma 8" Steel line	Active	Private	PLG	Pipeline - Gas - (PLG)	-21-19S-	Eddy (15)	
fAB1724026582	Artesia	Preston Battery	Active	Federal	PLG	Pipeline - Gas - (PLG)	L-35-20S-24E	Eddy (15)	

fAB1714639098	Artesia	Coyote Compressor Station	Active	State	CS	Compressor Station - (CS)	C-09-25S-27E	Eddy (15)	NAB1714639317
fAB1710852858	Artesia	Palo Duro Gas Plant	Active	State	PLG	Pipeline - Gas - (PLG)	I-35-23S-27E	Eddy (15)	NAB1710853071
fAB1704752226	Artesia	Pauline 8" Poly line	Active	Federal	PLG	Pipeline - Gas - (PLG)	D-28-23S-31E	Eddy (15)	

Thank you,

Brittany Hall ● Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.517.5333 | Brittany.Hall@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd/

From: Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>
Sent: Thursday, July 20, 2023 2:21 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Subject: FW: [EXTERNAL] NAB1714639317 Extension Request

Jocelyn Harimon ● Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
http:// **www.emnrd.nm.gov**

From: Gant, Michael <mgant@targaresources.com>
Sent: Thursday, July 20, 2023 2:17 PM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>
Cc: Higginbotham, Christina M. <chigginbotham@targaresources.com>
Subject: [EXTERNAL] NAB1714639317 Extension Request

Good Afternoon,

Targa Resources is submitting a request for extension of time to respond to the incident, NAB1714639317 at the Coyote Compressor Station. This incident occurred in 2017 under Lucid Energy Delaware LLC. and a closure report was submitted via email on 11.15.2017. On 4/26/2023, OCD updated the incident page reporting that the incident had been denied closure and a representative was notified. However, there was no notice of the closure denial received by any of

the current Targa Resources representatives. Lucid Energy Delaware assets were acquired by Targa Resources on 7/1/2022. Targa only recently learned this week that this historical Lucid incident was still reported as “Closure Not Approved” on the OCD incident page and would appreciate additional time to appropriately respond to the OCD regarding site remediation and closure request.

Please let me know if you have any questions or concerns.

Thank you,
Michael Gant
Senior Environmental Specialist

Targa Resources
3100 McKinnon St. #800 Dallas, TX 75201
+1(314) 330 7876 Cell | mgant@targaresources.com | https://www.targaresources.com/

Gant, Michael

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Friday, October 27, 2023 8:49 AM
To: Gant, Michael
Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD; Smith, Cory, EMNRD; Higginbotham, Christina M.
Subject: RE: [EXTERNAL] Extension request NAB1710853071 Palo Duro

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning Mr. Gant,

The extension request for **NAB1710853071** is approved. The new due date is December 26, 2023.

Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,
Brittany Hall • Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.517.5333 | Brittany.Hall@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd/

From: Gant, Michael <mgant@targaresources.com>
Sent: Thursday, October 26, 2023 9:14 AM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov>; Higginbotham, Christina M. <chigginbotham@targaresources.com>
Subject: [EXTERNAL] Extension request NAB1710853071 Palo Duro

Good Morning,

Targa Resources would like to submit a request for an extension of time to complete site remediation for the incident, **NAB1710853071** at the **Palo Duro** Compressor Station. Targa would like to request a 60-day extension to allow for equipment scheduling, hydro excavation site work near sensitive facility equipment, and time for report preparation.

On 8/30/23, TetraTech completed site assessment activities to further investigate the potential remaining impact. Due to the regional lithology of the site, soil samples collected by hand auger were limited to a total depth of approximately 3 to 3.5 feet bgs upon encountering refusal. TetraTech installed eight hand auger borings and collected six soil samples across the site. Two horizontal samples indicated TPH concentrations above RRALs, the remaining samples were all below RRALs. Targa plans to complete site assessment and remediation activities in early November.

Please let me know if you have any questions or concerns.

Thanks,

Michael Gant
Senior Environmental Specialist

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District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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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 299802

QUESTIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 299802
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1710853071**
Incident Name	**NAB1710853071 PALO DURO GAS PLANT @ 0**
Incident Type	**Natural Gas Release**
Incident Status	**Remediation Closure Report Received**
Incident Facility	**[fAB1710852858] PALO DURO GAS PLANT**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PALO DURO GAS PLANT
Date Release Discovered	04/11/2017
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Equipment Failure | Other (Specify) | Condensate | Released: 2 BBL | Recovered: 0 BBL | Lost: 2 BBL.
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	Cause: Equipment Failure | Other (Specify) | [OBSOLETE] Natural Gas (Methane) | Released: 50 MCF | Recovered: 0 MCF | Lost: 50 MCF.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 299802
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**Yes, according to supplied volumes this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	*Unavailable.*
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
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: Michael Gant Title: Senior Environmental Specialist Email: mgant@targaresources.com Date: 01/04/2024

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QUESTIONS (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 299802
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (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	Medium
A 100-year floodplain	Between 1 and 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)	27.5
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	955
GRO+DRO (EPA SW-846 Method 8015M)	207
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	11/02/2023
On what date will (or did) the final sampling or liner inspection occur	11/03/2023
On what date will (or was) the remediation complete(d)	11/09/2023
What is the estimated surface area (in square feet) that will be reclaimed	100
What is the estimated volume (in cubic yards) that will be reclaimed	12
What is the estimated surface area (in square feet) that will be remediated	100
What is the estimated volume (in cubic yards) that will be remediated	12
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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State of New Mexico
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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 299802
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Michael Gant Title: Senior Environmental Specialist Email: mgant@targaresources.com Date: 01/04/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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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 (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 299802
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 299802
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**299626**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**11/02/2023**
What was the (estimated) number of samples that were to be gathered	**10**
What was the sampling surface area in square feet	**100**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	90
What was the total volume (cubic yards) remediated	12
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	90
What was the total volume (in cubic yards) reclaimed	12
Summarize any additional remediation activities not included by answers (above)	Due to the time elapsed since the initial occurrence of this release much of the remediation happened immediately during the initial response as well as during the 6 years of natural attenuation. Additionally, this release event immediately resulted in a fire due to the release occurring at the CO2 vent and near the flare which combusted a majority of the potential hydrocarbon impact.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Michael Gant Title: Senior Environmental Specialist Email: mgant@targaresources.com Date: 01/04/2024

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QUESTIONS (continued)

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 299802
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 299802

CONDITIONS

Operator:	OGRID:
Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	331548
	Action Number: 299802
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
bhall	Remediation Closure approved. A complete and accurate reclamation report will need to be submitted. The reclamation report will need to address all of the requirements of 19.15.29.13 NMAC including pictures of the reclaimed area, and a proposed revegetation plan. Subsequent to the approval of a reclamation plan, a revegetation report will need to be submitted, including pictures of the revegetated areas, once the site meets the requirements for vegetation cover found in 19.15.29.13 D.(3) NMAC. Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used as long as the requirements of the surface owner provide equal or better protection of freshwater, human health and the environment.	1/22/2024