## SITE INFORMATION

Report Type: Closure Report (NAB1710853071)

<b>General Site Info</b>	ormation:									
Site:		Palo Duro Gas	Plant							
Company:		Targa Resource	es							
Section, Towns	hip and Range	Unit I	Sec. 35	T 23S	R 27E					
Lease Number:										
County:		Eddy County								
GPS:			32.1502			-104.1	198000			
Surface Owner:		State								
Mineral Owner:					. 5.6.00					
Directions:			716 & Bounds Rd, travel w				,			
		road, follow for 0.	11 miles. Turn Right (west)	into entranc	e. Area is loc	ated on the N	vortn area of the pad.			
		7								
Release Data:										
Date Released:		4/12/2017								
Type Release:		Condensate and	ondensate and Gas							
Source of Contar	mination:	Inlet liquid hand	dling process overwhelmed by a slug of liquid							
Fluid Released:		2 bbl condensat	e & 50 MCF gas							
Fluids Recovered	d:	0 bbl condensat	te & 0 MCF Gas							
Official Commu	nication:									
Name:	Michael Gant				Clair Gonza	les				
Company:	Targa Resources				Tetra Tech					
Address:	3100 McKinnon St	#800			901 W. Wal	l St.				
			_		Ste 100					
City:	Dallas, Texas 7520	)1			Midland, Texas, 79701					
Phone number:	(314) 330-7876				(432) 682-4559					
Fax:										

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

clair.gonzales@tetratech.com

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

Mgant@targaresources.com

Email:



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**.

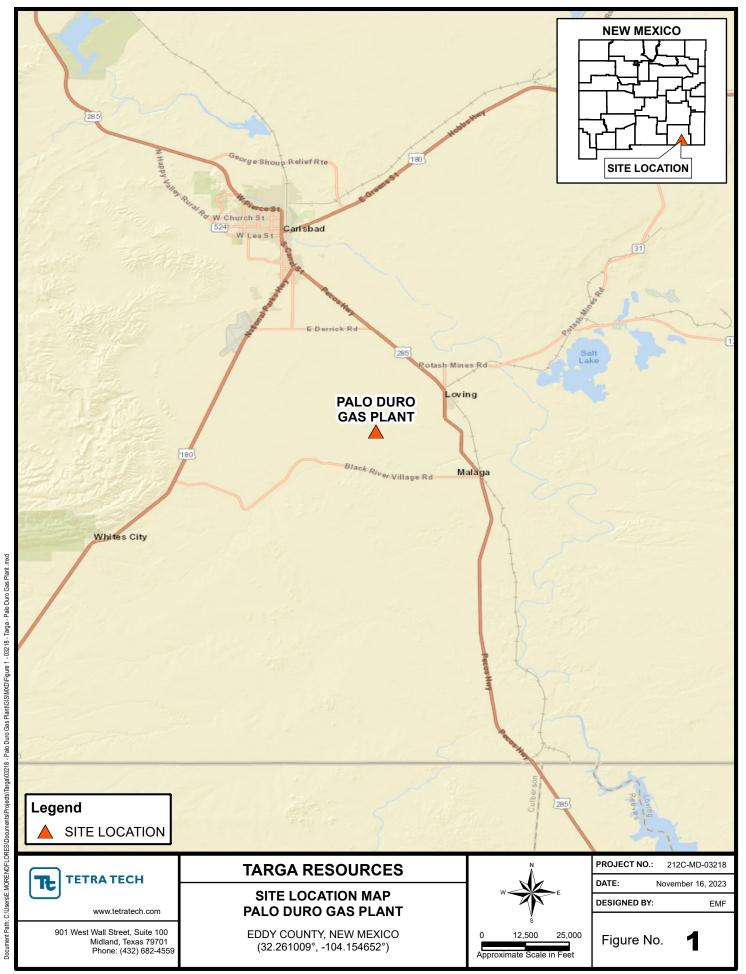
If you require any additional information or have any questions or comments, please contact us at (432) 682-4559.

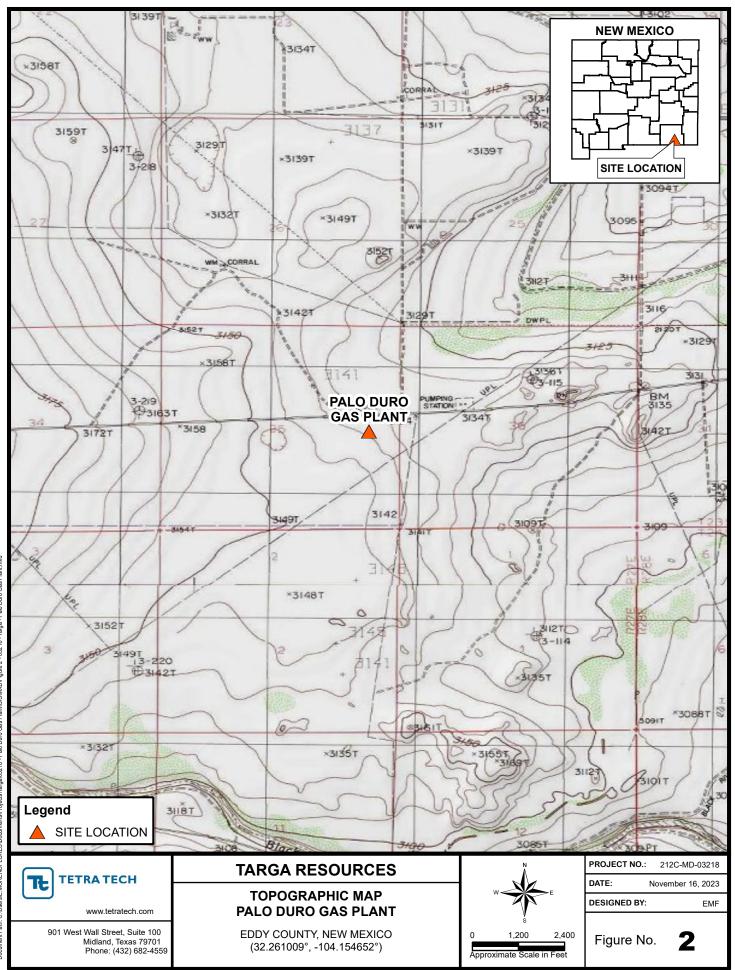
Respectfully submitted, TETRA TECH

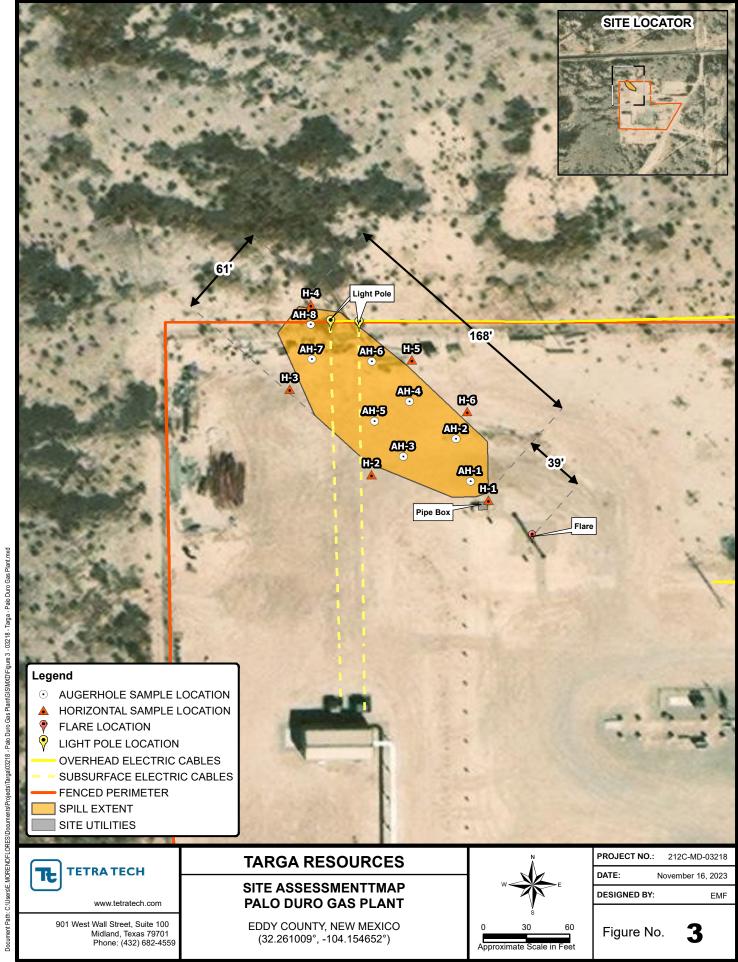
Brittany Long, Project Manager Clair Gonzales, P.G. Senior Project Manager

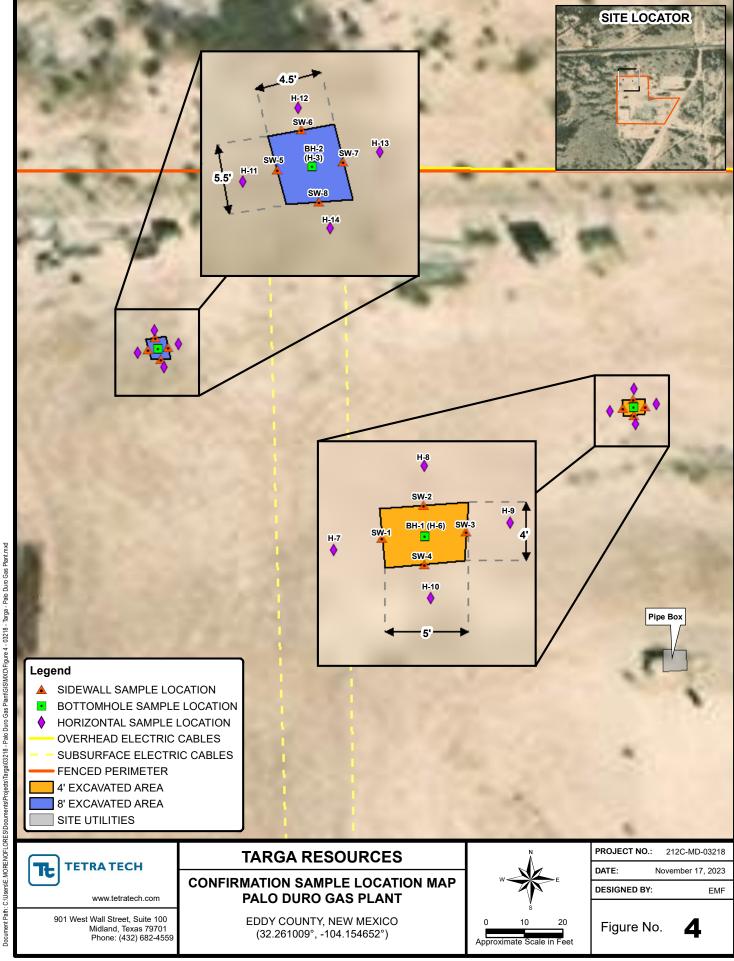


# **Figures**











## **Tables**

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

Released to Imaging: 1/22/2024 9:40:46 AM

	Sample	Sample	Soil S	Status		TPH	(mg/kg)				BTEX (mg/kg)			Chloride
Sample ID	Date	Depth	In-Situ	Removed	GRO	DRO	ORO	Total	Benzene	Toluene	Ethylbenzene	Xylenes	Total	(mg/kg)
	Date	(ft)	III-Situ	Kemoved	mg/kg	mg/kg	mg/kg	mg/kg	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	
RRALs								100	10				50	600
MALS								mg/kg	mg/kg				mg/kg	mg/kg
							Assess	ment						
	8/30/2023	0-1	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
AH-1	"	1.0-1.5	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
AU-1	"	2.0-2.5	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
	11	3.0-3.5	Χ	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
	8/30/2023	0-1	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	23.3
AH-2	"	1.0-1.5	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	40.6
	II	2.0-2.5	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	80.5
	8/30/2023	0-1	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	30.0
411.2	"	1.0-1.5	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	23.3
AH-3	"	2.0-2.5	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	47.9
	II .	3.0-3.5	Х	-	<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	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	43.4
	8/30/2023	0-1	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	31.5
AH-5	"	1.0-1.5	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	31.5
АП-Э	"	2.0-2.5	Χ	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	67.8
	"	3.0-3.5	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	105
	8/30/2023	0-1	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
AH-6	"	1.0-1.5	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
АП-0	"	2.0-2.5	Χ	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	59.3
	"	3.0-3.5	Χ	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	238
	8/30/2023	0-1	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	30.6
AH-7	"	1.0-1.5	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	51.2
АП-7	"	2.0-2.5	Χ	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	143
	"	3.0-3.5	Χ	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	146
	8/30/2023	0-1	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
AH-8	"	1.0-1.5	Х	-	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
	II .	2.0-2.5	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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** 

Eddy County, New Mexico														
Sample Sample Soil Status TPH (mg/kg) BTEX (mg/kg)								Chloride						
Sample ID	Date	Depth	In-Situ	Removed	GRO	DRO	ORO	Total	Benzene	Toluene	Ethylbenzene	Xylenes	Total	(mg/kg)
	Date	(ft)	III-Situ	Kellioveu	mg/kg	mg/kg	mg/kg	mg/kg	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(ilig/kg)
RRALs								100	10				50	600
KKALS								mg/kg	mg/kg				mg/kg	mg/kg
H-4	8/30/2023	0-1	Χ	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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

	Comple	Sample	Soil S	Status		TPH	(mg/kg)				BTEX (mg/kg)			Chlorido
Sample ID	Sample Date	Depth (ft)	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)	Chloride (mg/kg)
RRALs								100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
Confirmation Samples														
BH-1	11/02/2023	4	Х	-	<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	Х	-	<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	-	Х	-	<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	-	Х	-	<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	-	Х	-	<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	-	Х	-	<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	-	Х	-	<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	-	Х	-	<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	-	Х	-	<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	-	Х	-	<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

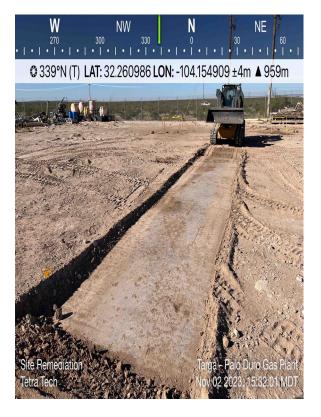
Exceedance



# Photographic Documentation

# Targa Resources Palo Duro Gas Plant Eddy County, New Mexico





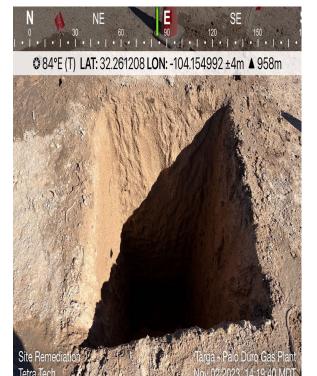
View of Remediation Activities – View Northwest



View of Remediation Activities - View Northeast

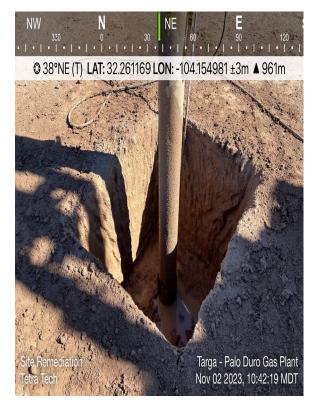
# Targa Resources Palo Duro Gas Plant Eddy County, New Mexico





TETRA TECH

View of Remediation Activities – View East



View of Remediation Activities – View Northeast



# Appendix A

C-141 Document

Form C-141 Revised August 8, 2011

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

			Rele	ease Notific	ation	and Co	orrective A	ction					
						OPEF	RATOR		Init	ial Report	X Fin	al Repor	
		ucid Energy				Contact K							
		uay Artesia,		.10		Telephone No. 575 513-8988							
Facility Nat	ne: Palo D	uro Gas Plai	nt			Facility Typ	e: Natural Gas l	Plant					
Surface Ow	ner: State	Of New Mex	cico	Mineral C	wner	8			API No				
				LOCA	TIOI	N OF REI	LEASE						
Unit Letter	Section 35	Township 23S	Range 27E	Feet from the		South Line	Feet from the	East/We	West Line County EDDY				
		-					e -104.154352						
Tyma of Dala	agai Matura	l Gas/Condens	noto	NAT	URE	OF RELI	EASE Release: <50 MC	TE -C	17-1 T	1 11			
Type of Refe	ase: Natura	i Gas/Condens	sate				of condensate	of of	Volume F	Recovered: No	ne		
				lensate into the an	nine	Date and F	lour of Occurrence			Hour of Disco	very: 4/1	1/2017	
system, to be Was Immedia		om the CO2 v	ent.			4/11/2017	2011 P. AT 4 A 202 A A C 2		5:30PM	. 101 D			
was illiliedis	ate Notice (		Yes	No Not Re	equired		Whom? Verbal r f 4/12/2017, once						
By Whom? k						Date and Hour: 4/12/2017 8:30AM							
Was a Water	course Read		Yes 🗵	] No		If YES, Volume Impacting the Watercourse.							
If a Watercou	ırse was Im	pacted, Descr	ibe Fully.'	k									
pipeline pig b and the volur eventually m had automati stack, the em the stream way	peing run in me of liquid ade its way cally trigger ergency flat as ignited b Lucid's eng	to the station. overwhelmed through the A red the ESD (I re had already y the flare, the ineering and o	The voluidate the inlet th	n Taken.* On the me of liquid receiv liquids handling p eneration system, a y Shut Down) sys gered and was flar which was being departments are p	wed was process. and into tem. By ing the blown to	greater than in This upset co the CO2 ven the time the diverted inlet oward the ver g to relocate to	normally seen or or andition allowed condition allowed continuity the time, and finally condensate had magas. As soon as to to by a strong east the CO2 vent stack	expected. ondensate out of the nade its wa he hydroc erly wind k further a	The plant is into the e CO2 ver ay throug carbons when the carbon when the carbons when the	t was unmanner amine system. It stack. At this has the plant and the plant and the released from the flare.	ed at this p The cond is point the d to the Co	point, densate e plant O2 vent	
contaminatio traveled beyo surface of the pad. The only	n. The burn and the fence caliche pay discernable	ing liquids did the line. There we d. There is no the evidence that	I leave ash was a sma evidence at any of the	ten.* Almost the end, and charred calified amount of condest of contamination of the released materite to only the surface	che on tensate of (either value)	the pad. The forespray not within or outsided outside of	ire affected appro combusted, locate ide of the burned the location was	oximately ed within area) deep a light file	30' by 50 the fence per than the fence mon gras	of the plant' line, and was the surface (the s located 5'-10	s pad, no limited to top 1") o 0' outside	o the of the e the	
material. Due	e to the natu his point. If	ire of the relea	se, resulti	nside the location ng minimal contar losure samples, L	mination	n, and the fact	that the plant is s	still opera	tional, no	closure sampl	les will be	l =	
Given that th allowing the	e material o	outside of the f flash off and r	fence is lir naturally a	nited only to the s ttenuate. As such,	urface, Lucid p	excavation woroposes to fo	ould result in greaterego any type of	ater damagexcavation	ge to the on	existing vegeta of the fence.	ition than		
Knowing that dehydration s	t the hydroc system, no v	carbon stream water was rele	combuste ased and o	d/released at the p chlorides are not a	lant hac	l come from on with this rel	compressor station ease.	ns in the f	ield, and	had already go	ne throug	gh the	
Updated 7/21 Requesting fi			s of the are	ea show that the m	najority	of the hydroc	arbons have alrea	dy flashe	d off fron	n the ground's	surface.		

public health or the environment. The acceptance of a C-141 report by should their operations have failed to adequately investigate and remedi or the environment. In addition, NMOCD acceptance of a C-141 report federal, state, or local laws and/or regulations.	ate contamination that pose a threat to	does not relie ground water.	eve the operator of liability surface water, human health		
Signature: Alvy Ly	OIL CONSER		DIVISION		
Printed Name: Kerry Egan	Approved by Environmental Specialist:				
Title: Environmental Compliance Coordinator	Approval Date:	Expiration D	Pate:		
E-mail Address: KEgan@agaveenergy.com	Conditions of Approval:	ž	Attached		

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

Date: 7/2 | /2017 Phone: 575 810-6021

\* Attach Additional Sheets If Necessary

Received by OCD: 1/4/2024 10:12:54 AM Form C-141 State of New Mexico Page 3 Oil Conservation Division

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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 <b>not</b> 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 ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
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 well 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	ls.

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.

Received by OCD: 1/4/2024 10:12:54 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 22 of 18	81
Incident ID		
District RP		
Facility ID		
Application ID		

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a thr addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	tifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In
Printed Name:	Title:
Signature: MGant	
email:	Telephone:
OCD Only	
Received by:	Date:

Received by OCD: 1/4/2024 10:12:54 AM Form C-141 State of New Mexico Page 6 Oil Conservation Division

	Page 23 of 181
Incident ID	
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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.

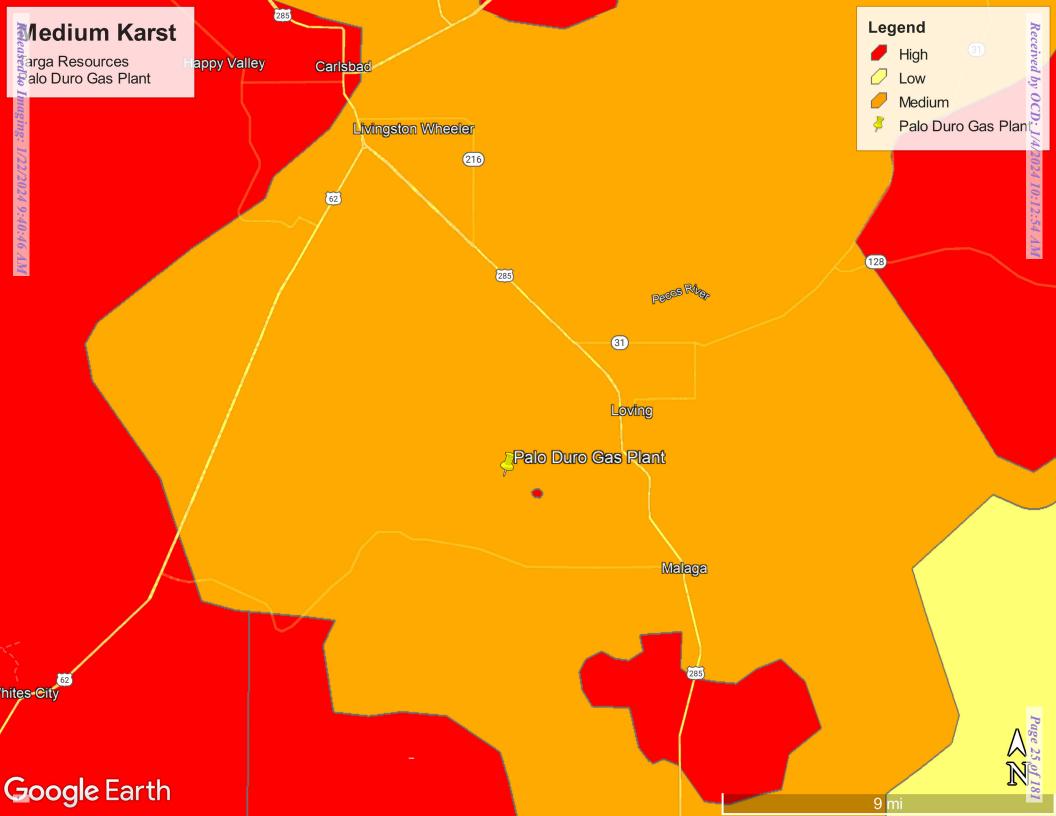
Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

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	C District office must be notified 2 days prior to final sampling)							
☐ Description of remediation activities								
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in							
Printed Name:								
Signature: MGant	Date:							
email:	Telephone:							
OCD Only								
Received by:	Date:							
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.							
Closure Approved by:	Date:							
Printed Name:	Title:							



# Appendix B

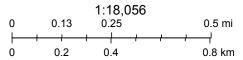
Site Characterization Documents



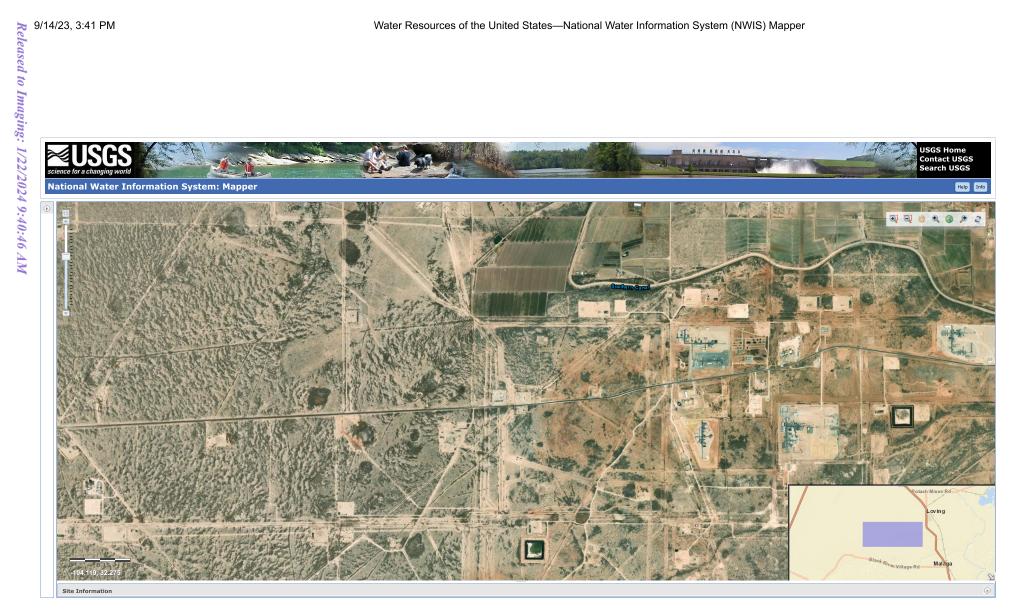
## New Mexico NFHL Data



September 14, 2023



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





## New Mexico Office of the State Engineer

## **Point of Diversion Summary**

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** 

Q64 Q16 Q4 Sec Tws Rng

X

C 03031

578315 3569206\*

**Driller License:** 685 **Driller Company:** 

**Driller Name:** 

**Drill Start Date:** 

WAYNE BRAZEAL

BRAZEAL, JOHN

06/10/2004

**Drill Finish Date:** 

06/16/2004

Plug Date:

Shallow

Log File Date:

06/24/2004

**PCW Rcv Date:** 

Source:

**Pump Type:** 

50 GPM

**Casing Size:** 

6.00

Pipe Discharge Size: Depth Well:

150 feet

Depth Water:

**Estimated Yield:** 

67 feet

Water Bearing Stratifications:

Top 139

**Bottom Description** 150 Other/Unknown

**Casing Perforations:** 

**Bottom** 

90

Top

150

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

9/14/23 3:47 PM

POINT OF DIVERSION SUMMARY

<sup>\*</sup>UTM location was derived from PLSS - see Help



Click to hideNews Bulletins

- How are we doing? We want to hear from you. Take our quick survey to tell us what you think.
- Explore the NEW <u>USGS National Water Dashboard</u> 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 measure
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	Р	Z		
1955-01-17		D	62611		3026.58	NAVD88	Р	Z		
1955-01-17		D	72019	112.42			Р	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	Р	Z		
1957-01-09		D	62611		3019.65	NAVD88	Р	Z		
1957-01-09		D	72019	119.35			Р	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	;
1959-01-09	D	62610		3018.07	NGVD29	Р	Z	
1959-01-09	D	62611		3019.71	NAVD88	Р	Z	
1959-01-09	D	72019	119.29			Р	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	102.3			1	Z	
1962-01-19	D	62610		3039.50	NGVD29	1	Z	
1962-01-19	D	62611	0.77	3041.14	NAVD88	1	Z	
1962-01-19	D	72019	97.80		1161/200	1	Z	
1963-01-22	D	62610		3035.20	NGVD29	1	Z	
1963-01-22	D	62611	100.1	3036.84	NAVD88	1	Z	
1963-01-22	D	72019	102.16		NGV/D20	1	Z	
1964-01-20	D	62610		3033.15	NGVD29	1	Z	
1964-01-20	D	62611	104.2	3034.79	NAVD88	1	Z	
1964-01-20	D	72019	104.2		NCVD20	1	Z	
1965-01-14	D	62610		3019.68	NGVD29	P	Z	
1965-01-14	D	62611	117.6	3021.32	NAVD88	P P	Z	
1965-01-14 1966-01-05	D D	72019	117.68		NGVD29	1	Z	
1966-01-05	D	62610 62611		3021.76 3023.40	NAVD88	1	Z	
1966-01-05	D	72019	115.60		NAVDOO	1	Z	
1967-01-19	D	62610	113.00	3023.40	NGVD29	1	Z	
1967-01-19	D	62611		3025.04	NAVD88	1	Z	
1967-01-19	D	72019	113.90		NAVDOO	1	Z	
1968-01-26	D	62610	113.50	3025.04	NGVD29	1	Z	
1968-01-26	D	62611		3026.68	NAVD88	1	Z	
1968-01-26	D	72019	112.32		IVAVDOO	1	Z	
1969-01-28	D	62610	112.5	3025.44	NGVD29	1	Z	
1969-01-28	D	62611		3027.08	NAVD88	1	Z	
1969-01-28	D	72019	111.92		IVAVDOO	1	Z	
1970-01-20	D	62610	11113	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	120.7			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	121.60			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	123.3			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	121.7			1	Z	
1975-01-16	D	62610		3013.80	NGVD29	1	Z	
1975-01-16	D	62611		3015.44	NAVD88	1	Z	

0,								
Date	Time	? Water-level date-time accuracy		arameter ode	Water level, feet below land surface	Water level, feet above specific vertical datum	Referen vertical datum	ced
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	Р	Pumping			
Method of measurement	Z	Other.			
Measuring agency		Not determined			
Source of measurement		Not determined			
Water-level approval status	А	Approved for publication Processing and review completed.			

Questions or Comments
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
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Accessibility FOIA Privacy Policies and Notices

<u>U.S. Department of the Interior</u> | <u>U.S. Geological Survey</u>

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

Page Contact Information: <u>USGS Water Data Support Team</u>



P 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	?
--------	------	-------------------------------------------	------------------------	-----------------------------------------------------	-------------------------------------------------------------------	---------------------------------	---



# Appendix C

Laboratory Reports

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: E309016

Job Number: 21102-0001

Received: 9/5/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/11/23

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: 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,

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 Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

**Southern New Mexico Area** Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

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### **Sample Summary**

Γ	Targa	Project Name:	Palo Duro Gas Plant	Donoutodi
١	12600 WCR 91	Project Number:	21102-0001	Reported:
l	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.



 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

D14	Reporting	Dilet	in Donner I	A	Notes
Result	Limit	Diluti	ion Prepared	Anaiyzed	Notes
mg/kg	mg/kg	A	Analyst: RKS		Batch: 2336022
ND	0.0250	1	09/05/23	09/08/23	
ND	0.0250	1	09/05/23	09/08/23	
ND	0.0250	1	09/05/23	09/08/23	
ND	0.0250	1	09/05/23	09/08/23	
ND	0.0500	1	09/05/23	09/08/23	
ND	0.0250	1	09/05/23	09/08/23	
	105 %	70-130	09/05/23	09/08/23	
	95.4 %	70-130	09/05/23	09/08/23	
	107 %	70-130	09/05/23	09/08/23	
п	//		Analyst: RKS		
mg/kg	mg/kg	A	Anaiyst: RKS		Batch: 2336022
mg/kg ND	20.0	1	09/05/23	09/08/23	Batch: 2336022
		70-130	-	09/08/23 09/08/23	Batch: 2336022
	20.0	1	09/05/23		Batch: 2336022
	20.0	70-130	09/05/23 09/05/23	09/08/23	Batch: 2336022
	20.0 105 % 95.4 %	70-130 70-130 70-130	09/05/23 09/05/23 09/05/23	09/08/23 09/08/23	Batch: 2336022
ND	20.0 105 % 95.4 % 107 %	70-130 70-130 70-130	09/05/23 09/05/23 09/05/23 09/05/23	09/08/23 09/08/23	
ND mg/kg	20.0 105 % 95.4 % 107 % mg/kg	70-130 70-130 70-130	09/05/23 09/05/23 09/05/23 09/05/23 Analyst: JL	09/08/23 09/08/23 09/08/23	
ND mg/kg ND	20.0 105 % 95.4 % 107 % mg/kg 25.0	70-130 70-130 70-130	09/05/23 09/05/23 09/05/23 09/05/23 Analyst: JL 09/07/23	09/08/23 09/08/23 09/08/23	
ND mg/kg ND	20.0  105 %  95.4 %  107 %  mg/kg  25.0  50.0	70-130 70-130 70-130 A 1 1 50-200	09/05/23 09/05/23 09/05/23 09/05/23 20/05/23 20/07/23 09/07/23	09/08/23 09/08/23 09/08/23 09/07/23 09/07/23	
	ND ND ND ND ND ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ID5 %         95.4 %           107 %	Result         Limit         Dilut           mg/kg         mg/kg         A           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         70-130           95.4 %         70-130           107 %         70-130	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         09/05/23           ND         0.0250         1         09/05/23           ND         0.0250         1         09/05/23           ND         0.0250         1         09/05/23           ND         0.0500         1         09/05/23           ND         0.0250         1         09/05/23           ND         0.0250         1         09/05/23           95.4 %         70-130         09/05/23           107 %         70-130         09/05/23	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         09/05/23         09/08/23           ND         0.0500         1         09/05/23         09/08/23           ND         0.0250         1         09/05/23         09/08/23           ND         0.0250         1         09/05/23         09/08/23           105 %         70-130         09/05/23         09/08/23           95.4 %         70-130         09/05/23         09/08/23           107 %         70-130         09/05/23         09/08/23



Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)

Anions by EPA 300.0/9056A

Surrogate: n-Nonane

Chloride

### 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

### Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: RKS Batch: 2336022 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 09/08/23 ND 0.0250 09/05/23 Benzene 1 09/05/23 09/08/23 Ethylbenzene ND 0.0250ND 0.0250 09/05/23 09/08/23 Toluene 1 09/05/23 09/08/23 o-Xylene ND 0.025009/05/23 09/08/23 ND 0.0500 p,m-Xylene 09/05/23 09/08/23 1 Total Xylenes ND 0.0250 09/05/23 09/08/23 Surrogate: Bromofluorobenzene 104 % 70-130 09/08/23 Surrogate: 1,2-Dichloroethane-d4 97.8 % 70-130 09/05/23 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 ND 1 09/05/23 09/08/23 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 104 % 09/05/23 09/08/23 70-130 97.8 % 09/08/23 Surrogate: 1,2-Dichloroethane-d4 70-130 09/05/23 Surrogate: Toluene-d8 09/05/23 09/08/23 106 % 70-130 mg/kg Analyst: JL Batch: 2336066 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/07/23 ND 25.0 1 09/07/23

50.0

mg/kg

20.0

92.7 %

1

1

Analyst: BA

50-200

09/07/23

09/07/23

09/06/23

09/07/23

09/07/23

09/09/23

Batch: 2336056

ND

mg/kg

ND

 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')

		Reporting					
Analyte	Result	Limit	Dil	ution	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:	: Л		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
	ND	20.0			09/06/23	09/09/23	

 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')

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	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	Į.	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	Į.	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	l	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: l	RKS		Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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: J	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	Į.	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: l	BA		Batch: 2336056
Allions by EFA 500.0/9030A							



 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

		E507010-05				
Andre	D14	Reporting	D.J.	i D 1	A	N
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	Α	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	A	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	A	Analyst: BA		Batch: 2336056
Chloride	23.3	20.0	1	09/06/23	09/09/23	-



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')

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2336022
Benzene	ND	0.0250	1	l	09/05/23	09/07/23	
Ethylbenzene	ND	0.0250	1	l	09/05/23	09/07/23	
Toluene	ND	0.0250	1	l	09/05/23	09/07/23	
o-Xylene	ND	0.0250	1	l	09/05/23	09/07/23	
p,m-Xylene	ND	0.0500	1	l	09/05/23	09/07/23	
Total Xylenes	ND	0.0250	1	l	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	<u> </u>	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	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



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')

		Reporting					
Analyte	Result	Limit	Di	lution	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	



 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

		E507010-00				
	D. Iv	Reporting	D"	·		N. A
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	



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					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2336022
Benzene	ND	0.0250	1	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	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: 1	RKS		Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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: .	ΠL		Batch: 2336066
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	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: 1	ВА		Batch: 2336056
Chloride	23.3	20.0	1	1	09/06/23	09/09/23	



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')

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: R	KS		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	1	Analyst: R	KS		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	1	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: B	A		Batch: 2336056



 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')

		Reporting					
Analyte	Result	Limit	Dilı	ution	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:	ЛL		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	



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

		E309010-12					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Analyte	Result	Limit			•	7 mary zed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2336022
Benzene	ND	0.0250	1	1	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	1	09/05/23	09/08/23	
Toluene	ND	0.0250	1	1	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	1	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	1	09/05/23	09/08/23	
Total Xylenes	ND	0.0250	1	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	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	1	09/07/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	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	1	09/06/23	09/09/23	



 Targa
 Project Name:
 Palo Duro Gas Plant

 12600 WCR 91
 Project Number:
 21102-0001
 Reported:

 Midland TX, 79707
 Project Manager:
 Brittany Long
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 9:38:33AM

### AH-5 (0-1') E309016-13

		2007010 10					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RK	•		Batch: 2336022
Benzene	ND	0.0250	1		09/05/23	09/08/23	Buten: 255 0022
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	1	Analyst: RK	S		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	1	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	1	Analyst: BA			Batch: 2336056
Chloride	31.5	20.0	1		09/06/23	09/09/23	



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 Reporting Analyte Limit Dilution Result Prepared Analyzed Notes Analyst: RKS Batch: 2336022 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 09/08/23 ND 0.0250 09/05/23 Benzene 1 09/05/23 09/08/23 Ethylbenzene ND 0.0250ND 0.0250 09/05/23 09/08/23 Toluene 1 09/05/23 09/08/23 o-Xylene ND 0.025009/05/23 09/08/23 ND 0.0500 p,m-Xylene 09/05/23 09/08/23 1 Total Xylenes ND 0.0250 09/05/23 09/08/23 Surrogate: Bromofluorobenzene 108 % 70-130 09/08/23 Surrogate: 1,2-Dichloroethane-d4 96.8 % 70-130 09/05/23 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 ND 1 09/05/23 09/08/23 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 108 % 09/05/23 09/08/23 70-130 96.8 % 09/08/23 Surrogate: 1,2-Dichloroethane-d4 70-130 09/05/23 Surrogate: Toluene-d8 09/05/23 09/08/23 106 % 70-130 mg/kg Analyst: JL Batch: 2336066 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/08/23 ND 25.0 1 09/07/23 Diesel Range Organics (C10-C28) ND 50.0 1 09/07/23 09/08/23 Oil Range Organics (C28-C36) 88.4 % 50-200 09/07/23 09/08/23 Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: BA Batch: 2336056

20.0

31.5

1

09/06/23

09/09/23



Chloride

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')

		Reporting					
Analyte	Result	Limit	Dilı	ution	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:	: Л		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



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')

		Reporting					
Analyte	Result	Limit	Di	lution	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:	ЛL		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	



 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

Result	Reporting	Dilu	ution	Prepared	Analyzed	Notes
					Amaryzea	
			Analyst:			Batch: 2336022
ND	0.0250	1	1	09/05/23	09/08/23	
ND	0.0250	1	1	09/05/23	09/08/23	
ND	0.0250	1	1	09/05/23	09/08/23	
ND	0.0250	1	1	09/05/23	09/08/23	
ND	0.0500	1	l	09/05/23	09/08/23	
ND	0.0250	1	1	09/05/23	09/08/23	
	106 %	70-130		09/05/23	09/08/23	
	96.7 %	70-130		09/05/23	09/08/23	
	107 %	70-130		09/05/23	09/08/23	
mg/kg	mg/kg		Analyst:	RKS		Batch: 2336022
ND	20.0	1	1	09/05/23	09/08/23	
	106 %	70-130		09/05/23	09/08/23	
	96.7 %	70-130		09/05/23	09/08/23	
	107 %	70-130		09/05/23	09/08/23	
mg/kg	mg/kg		Analyst:	Л		Batch: 2336066
ND	25.0	1	1	09/07/23	09/08/23	
ND	50.0	1	1	09/07/23	09/08/23	
	96.8 %	50-200		09/07/23	09/08/23	
mg/kg	mg/kg		Analyst:	BA		Batch: 2336056
ND	20.0	1	1	09/06/23	09/09/23	
	MD ND ND ND Mg/kg ND mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ID         0.00           ID         0.00 </td <td>Result         Limit         Dilk           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           106 %         70-130           96.7 %         70-130           mg/kg         mg/kg           ND         20.0           106 %         70-130           96.7 %         70-130           107 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           mg/kg         mg/kg</td> <td>Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           106%         70-130         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           106%         70-130         70-130           mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         25.0         1           ND         50.0         1           96.8%         50-200           mg/kg         Analyst:</td> <td>Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         09/05/23           ND         0.0250         1         09/05/23           ND         0.0250         1         09/05/23           ND         0.0250         1         09/05/23           ND         0.0500         1         09/05/23           ND         0.0250         1         09/05/23           ND         0.0250         1         09/05/23           96.7 %         70-130         09/05/23           107 %         70-130         09/05/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         09/05/23           106 %         70-130         09/05/23           96.7 %         70-130         09/05/23           107 %         70-130         09/05/23           107 %         70-130         09/05/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/07/23           ND         50.0         1         09/07/23</td> <td>Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         09/05/23         09/08/23           ND         0.0500         1         09/05/23         09/08/23           ND         0.0250         1         09/05/23         09/08/23           ND         0.0250         1         09/05/23         09/08/23           96.7 %         70-130         09/05/23         09/08/23           96.7 %         70-130         09/05/23         09/08/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         09/05/23         09/08/23           96.7 %         70-130         09/05/23         09/08/23           107 %         70-130         09/05/23         09/08/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1</td>	Result         Limit         Dilk           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           106 %         70-130           96.7 %         70-130           mg/kg         mg/kg           ND         20.0           106 %         70-130           96.7 %         70-130           107 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           106%         70-130         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           106%         70-130         70-130           mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         25.0         1           ND         50.0         1           96.8%         50-200           mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         09/05/23           ND         0.0250         1         09/05/23           ND         0.0250         1         09/05/23           ND         0.0250         1         09/05/23           ND         0.0500         1         09/05/23           ND         0.0250         1         09/05/23           ND         0.0250         1         09/05/23           96.7 %         70-130         09/05/23           107 %         70-130         09/05/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         09/05/23           106 %         70-130         09/05/23           96.7 %         70-130         09/05/23           107 %         70-130         09/05/23           107 %         70-130         09/05/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/07/23           ND         50.0         1         09/07/23	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         09/05/23         09/08/23           ND         0.0500         1         09/05/23         09/08/23           ND         0.0250         1         09/05/23         09/08/23           ND         0.0250         1         09/05/23         09/08/23           96.7 %         70-130         09/05/23         09/08/23           96.7 %         70-130         09/05/23         09/08/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         09/05/23         09/08/23           96.7 %         70-130         09/05/23         09/08/23           107 %         70-130         09/05/23         09/08/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1



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					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	RKS		Batch: 2336022
Benzene	ND	0.0250	1	l	09/05/23	09/08/23	
Ethylbenzene	ND	0.0250	1	l	09/05/23	09/08/23	
Toluene	ND	0.0250	1	l	09/05/23	09/08/23	
o-Xylene	ND	0.0250	1	l	09/05/23	09/08/23	
p,m-Xylene	ND	0.0500	1	l	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: F	RKS		Batch: 2336022
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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: J	L		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	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: E	BA		Batch: 2336056
Chloride	ND	20.0	1		09/06/23	09/09/23	



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						
Reporting								
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RK	S		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	A	Analyst: RK	S		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	A	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	A	Analyst: BA			Batch: 2336056	
Chloride	59.3	20.0	1		09/06/23	09/09/23		



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')

		Reporting					
Analyte	Result	Limit	Di	lution	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	: Л		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	

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



0.500

0.500

0.500

109

99.1

102

70-130

70-130

70-130

0.546

0.496

0.509

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

 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	v EPA 8015D	- GRO

Analyst: RKS

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

	Result	Limit	Level	Result	Rec	Limits	KPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336022-BLK1)							Prepared: 09	9/05/23 Ana	alyzed: 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	0/05/23 Ana	alyzed: 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	9/05/23 Ana	alyzed: 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	9/05/23 Ana	alyzed: 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			



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

Midland TX, 79707		Project Manage	r: Br	ittany Long					9/11/2023 9:38:33AN
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336066-BLK1)							Prepared: 0	9/06/23	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: 0	9/06/23	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:	E309016-0	05	Prepared: 0	9/06/23	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: 0	9/06/23	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			



Targa		Project Name:		alo Duro Gas	Plant				Reported:
12600 WCR 91 Midland TX, 79707		Project Number Project Manager		1102-0001 rittany Long					9/11/2023 9:38:33AM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336056-BLK1)							Prepared: 0	9/06/23 A	nalyzed: 09/09/23
Chloride	ND	20.0							
LCS (2336056-BS1)							Prepared: 0	9/06/23 A	nalyzed: 09/09/23
Chloride	242	20.0	250		96.9	90-110			
Matrix Spike (2336056-MS1)				Source:	E309016-	01	Prepared: 0	9/06/23 A	nalyzed: 09/09/23
Chloride	262	20.0	250	ND	105	80-120			
Matrix Spike Dup (2336056-MSD1)				Source:	E309016-	01	Prepared: 0	9/06/23 A	nalyzed: 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.



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Client Name:	Targa	Site Manager:		Br	ittany l	ong	3				1						ALY:									1412
Project Name:	Palo Duro Gas Plant		(432) 74 brittany.l			tech	.com					1	( 	Cir	cle	or	Sp 	eci	ty I	Viet	ho 	d N	0.)	1	11	124
roject Locatio county, state)	n: Eddy County, NM	Project#:			4	-	-03218	3	-19		٦					1	1					H	ist)			0.12
voice to:	Targa													P	Hg								attached list)			34 /1
Receiving Labo		Sampler Signa	ature:		Migue	el A.	Flores	3			٦		ORO)	b Se F	Se	1				ŀ			(see atta			M
Comments:	Environme.											X 8260B C35)	ORO-O	Cd Cr F	a Cd Cr Pb			/624	70C/625			TDS		0	H	
		SAMP	LING	M	IATRIX	Γ	PRESERV		T	S S	(x)	Ext to (	TPH 8015M (GRO-DRO-	As Ba	s Ag As Ba		lames	B	Vol. 82	900	(9)	Ifate	General Water Chemistry	Balano		
LAB#	SAMPLE IDENTIFICATION	YEAR: 2023		- ~		Γ			٦	AINE	ב ב	X1005	15M (	8270C Metals Ad	etals A	olatiles	on ima		Semi. Vol.	7 7000	spestos	Š	Wate	ation		
( LAB USE ONLY		DATE	TIME	VATE	SOIL	년 건	HNO <sub>3</sub>		ı	# CONTAINERS	FILIERED (T/N)	BTEX 8 TPH TX	PH 80	Total Metals	TCLP Metals	TCLP Volatiles	ICLP Semi volatiles	GC/MS Vol.	GC/MS	NORM	PLM (Asbestos)	Chloride	Senera	Anion/C		Hold
1	AH-1 (0-1')	8/30/2023		1	×	1	×		十	++	,		X		T	T		Ĭ		-		X	Ť		T	
2	AH-1 (1-1.5')	8/30/2023			x		x	П	$\top$		,	×	x	T	T	T		П		T		x	$\Box$			
3	AH-1 (2-2.5')	8/30/2023			x		×		$\top$		,	×	x					П	1	$\top$		x	T			
4	AH-1 (3-3.5')	8/30/2023			x		×		$\top$		7	x	x					П				x	$\Box$	4, 1		
5	AH-2 (0-1')	8/30/2023		1	x		×		T		7	x	x	T								x	$\Box$	8		
6	AH-2 (1-1.5')	8/30/2023		T	x		×		1		,	x	×	1								×				
7	AH-2 (2-2.5')	8/30/2023			x		×		T		,	x	×	T				П				x	T			
8	AH-3 (0-1')	8/30/2023		1	x		×		T		7	x	×	T	T							×			1615	
9	AH-3 (1-1.5')	8/30/2023		T	x		x		1		7	x	×	+								×	$\Box$			
10	AH-3 (2-2.5')	8/30/2023			x		×		1		,	x	x	T			300					×		4		
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Analysis R	equest of Chain of Custody Record																		Pa	age		2	of _	3
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						(432) 682								11.2			J	707	#2	110	2-0	000	) [	
Client Name:	Targa	Site Manager:		Britta	iny L	ong										LYS								= /4/4
Project Name:	Palo Duro Gas Plant		(432) 74° brittany.lo			tech.c	<u>om</u>					1 1	(Cir	rcle 	or 	Spe	cify	/ Me	etho 	od N	10.)	1		
roject Locatio county, state)	n: Eddy County, NM	Project#:								H											list)			0.14.
voice to:	Targa												Ş	F G					h		attached			74 /1
Receiving Labo	Envirotech Inc.	Sampler Signa	iture:	М	igue	A. F	ores				m	ORO)	Ph.Se	d Cr Pb Se Hg			2				see atts			1
Comments:											X 8260F	DRO-	Cd Cr	3 0		f	/ 624 8270C/62			G.	stry (	9		
		SAMP	LING	MAT	RIX		SERVATI METHOD	VE	RS	(N.	BTE)	GRO-	Ac Ba	s Ag As Ba Cd	Jotiloe	ganica	260B / Vol. 82	809	·		sulfate ater Chemi	Balanc		
LAB#	SAMPLE IDENTIFICATION	YEAR: 2023		~	П	П	H		AINE	FD (Y	X1005	5M (	70C	etals A	latiles		Vol. 8260 Semi. Vol.	8082 /	pestos		Wate	ation		
( LAB USE ONLY		DATE	TIME	WATER		HCL	, S		# CONTAINERS	FILTERED (Y/N)	BTEX 8(		PAH 8270C	TCLP Metals	TCLP Volatiles	RCI	GC/MS Vol. 8260B GC/MS Semi. Vol. 8	PCB's 8	NORM PLM (Asbestos)	Chloride	General	Anion/Cation		Pold
11	AH-3 (3-3.5')	8/30/2023	0	х	$\sqcap$	$\sqcap$	х				х	x					7		la la	Х				
12	AH-4 (0-1')	8/30/2023		×			х				х	x								x				
13	AH-5 (0-1')	8/30/2023		x			x				х	x								x				
14	AH-5 (1-1.5')	8/30/2023		×			x				х	x								x				
15	AH-5 (2-2.5')	8/30/2023		×			x				x	x								x				
16	AH-5 (3-3.5')	8/30/2023		×			x				х	x								x				
17	AH-6 (0-1')	8/30/2023		×			x				х	x								×				
18	AH-6 (1-1.5')	8/30/2023		×			x	7			x	x								x				
19	AH-6 (2-2.5')	8/30/2023		×			x				х	x								x				
20	AH-6 (3-3.5')	8/30/2023		×			x				х	x						Ш		×				
Relinquished t	oy: Date: Time: Miguel A Flores	Received by:	0	ugla	_ (	Date:	Tin		130		L	AB	USE LY		REM	ARKS	s: s	tand	ard					
Relinquished t	Date: Time:	Received by:	OTHER DESIGNATION OF THE PERSON NAMED IN	1		Date:	Tin	ne:			Samp	le Ter	npera	ture		RU	SH:	Same	Day	24	hr 4	8 hr	72 hr	
Miche		Inde		V6S	2		.23		184	15		4			Е	Rus	sh Ch	arges	Auth	orize	i			
Relinquished to	Ce muses 9.2.23 0115	Cart	In 71	na	e	9/5	123		:15	•		7			Е	Spe	cial F	Report	t Limit	ts or	rrrp	Repo	rt	
		ODICINIAL		18			The second second				(Circle	e) HA	ND DI	ELIVE	RED	FEDI	EX L	IPS	Track	ing#:				

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

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Targa	Date Received:	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 th	ne sample ID match the COC?		Yes			
2. Does th	ne number of samples per sampling site location mate	the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was the	e COC complete, i.e., signatures, dates/times, request	ed analyses?	No	_		
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes		Comments/Resolution	
Sample T	urn Around Time (TAT)			[		
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Palo Duro Gas Plant has been	
Sample C	<u>Cooler</u>				separated into 2 reports due to high sample	
	sample cooler received?		Yes		volume. Workorders are as follows:	
	was cooler received in good condition?		Yes			
	e sample(s) received intact, i.e., not broken?		Yes		E309016 & E309017. Time sampled not	
	custody/security seals present?		No		provided on COC per client.	
	were custody/security seals intact?		NO NA			
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes			
Sample C		<u> </u>	_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Field Lab	• • • • • • • • • • • • • • • • • • • •		100			
	field sample labels filled out with the minimum infor	mation.				
	ample ID?	mation	Yes			
	ate/Time Collected?		Yes	ı		
C	ollectors name?		No			
Sample P	<u>reservation</u>					
21. Does t	the COC or field labels indicate the samples were pro-	eserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved me	etals?	No			
Multipha	se Sample Matrix					
26. Does 1	the sample have more than one phase, i.e., multiphas	e?	No			
27. If yes,	does the COC specify which phase(s) is to be analyst	zed?	NA			
Subcontr	act Laboratory					
	imples required to get sent to a subcontract laborator	v?	No			
	subcontract laboratory specified by the client and if		NA	Subcontract Lab	n; na	
	• • •	50 WHO.	1111	Subcontract Lab	), Hu	
Client In	<u>struction</u>					

Date

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

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

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: 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

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

Rayny Hagan

West Texas Midland/Odessa Area

Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

Targa	Project Name:	Palo Duro Gas Plant	Donoutoda
12600 WCR 91	Project Number:	21102-0001	Reported:
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.
Н-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.

 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

	E507017-01					
D14	Reporting	Dila	<b>4</b> :	D 1	A la d	Notes
Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst: RKS			Batch: 2336027
ND	0.0250	1	ļ	09/06/23	09/07/23	
ND	0.0250	1	ļ	09/06/23	09/07/23	
ND	0.0250	1	Į.	09/06/23	09/07/23	
ND	0.0250	1	!	09/06/23	09/07/23	
ND	0.0500	1	!	09/06/23	09/07/23	
ND	0.0250	1	Į.	09/06/23	09/07/23	
	106 %	70-130		09/06/23	09/07/23	
	98.4 %	70-130		09/06/23	09/07/23	
	105 %	70-130		09/06/23	09/07/23	
mg/kg	/kg mg/kg		Analyst: RKS			Batch: 2336027
ND	20.0	1	l	09/06/23	09/07/23	
	106 %	70-130		09/06/23	09/07/23	
	98.4 %	70-130		09/06/23	09/07/23	
	105 %	70-130		09/06/23	09/07/23	
mg/kg	mg/kg mg/kg		Analyst: KM			Batch: 2336071
ND	25.0	1		09/07/23	09/07/23	
ND	50.0	1	l	09/07/23	09/07/23	
	84.7 %	50-200		09/07/23	09/07/23	
mg/kg	mg/kg	1	Analyst: BA	A		Batch: 2336057
30.6	20.0	1		09/06/23	09/08/23	
	ND ND ND ND ND ND ND ND ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ID         0.0250           ID         98.4 %           ID         105 %           mg/kg         mg/kg           ND         20.0           ID         5%           mg/kg         mg/kg           ND         25.0           ND         50.0           84.7 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilu           mg/kg         mg/kg           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0500         1           ND         0.0250         1           ND         70-130         1           98.4 %         70-130         1           mg/kg         mg/kg         1           ND         20.0         1           105 %         70-130         1           98.4 %         70-130         1           mg/kg         mg/kg         ND           ND         25.0         1           ND         50.0         1           84.7 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst: RF           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           ND         70-130         1           98.4 %         70-130         70-130           mg/kg         mg/kg         Analyst: RF           ND         20.0         1           106 %         70-130         70-130           mg/kg         mg/kg         Analyst: KF           ND         25.0         1           ND         50.0         1           84.7 %         50-200           mg/kg         Mg/kg         Analyst: BF	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         09/06/23           ND         0.0250         1         09/06/23           ND         0.0250         1         09/06/23           ND         0.0500         1         09/06/23           ND         0.0250         1         09/06/23           ND         0.0250         1         09/06/23           ND         0.0250         1         09/06/23           98.4 %         70-130         09/06/23           105 %         70-130         09/06/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         09/06/23           98.4 %         70-130         09/06/23           98.4 %         70-130         09/06/23           105 %         70-130         09/06/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         09/07/23           ND         50.0         1         09/07/23           84.7 %         50-200         09/07/23	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         09/06/23         09/07/23           ND         0.0500         1         09/06/23         09/07/23           ND         0.0250         1         09/06/23         09/07/23           ND         0.0250         1         09/06/23         09/07/23           98.4 %         70-130         09/06/23         09/07/23           98.4 %         70-130         09/06/23         09/07/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         09/06/23         09/07/23           98.4 %         70-130         09/06/23         09/07/23           98.4 %         70-130         09/06/23         09/07/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1



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

		Reporting					
Analyte	Result	Limit	Dilı	ution	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	g/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 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



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								
Reporting								
Analyte	Result	Limit	Dil	ution	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		

mg/kg

20.0

Analyst: BA

09/06/23

09/08/23

mg/kg

143



Batch: 2336057

Anions by EPA 300.0/9056A

Chloride

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 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: RKS Batch: 2336027 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 09/07/23 ND 0.0250 09/06/23 Benzene 1 09/06/23 09/07/23 Ethylbenzene ND 0.0250ND 0.0250 09/06/23 09/07/23 Toluene 1 09/06/23 09/07/23 o-Xylene ND 0.025009/06/23 09/07/23 ND 0.0500 p,m-Xylene 09/06/23 09/07/23 1 Total Xylenes ND 0.0250 09/06/23 09/07/23 Surrogate: Bromofluorobenzene 106 % 70-130 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 ND 1 09/06/23 09/07/23 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 106 % 09/06/23 09/07/23 70-130 99.6 % 09/07/23 Surrogate: 1,2-Dichloroethane-d4 70-130 09/06/23 Surrogate: Toluene-d8 09/06/23 09/07/23 109 % 70-130 mg/kg Analyst: KM Batch: 2336071 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/07/23 ND 25.0 1 09/07/23 Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) ND 50.0 1 09/07/23 09/07/23 87.9 % 50-200 09/07/2309/07/23Surrogate: n-Nonane

mg/kg

20.0

Analyst: BA

09/06/23

09/08/23

1

mg/kg

146



Batch: 2336057

Anions by EPA 300.0/9056A

Chloride

 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

		E309017-03				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	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	1	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	1	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	1	Analyst: BA		Batch: 2336057
Chloride	ND	20.0	1	09/06/23	09/08/23	



 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

	Reporting								
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2336027		
Benzene	ND	0.0250	1	l	09/06/23	09/07/23			
Ethylbenzene	ND	0.0250	1	[	09/06/23	09/07/23			
Toluene	ND	0.0250	1	l	09/06/23	09/07/23			
o-Xylene	ND	0.0250	1	l	09/06/23	09/07/23			
p,m-Xylene	ND	0.0500	1	l	09/06/23	09/07/23			
Total Xylenes	ND	0.0250	1	l	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	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		
Amons by ETA 500.0/7030A									



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								
Reporting								
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	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: F	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: K	CM		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: E	BA		Batch: 2336057	

20.0

09/06/23

09/08/23

ND



Chloride

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

### H-1

#### E309017-08

		Reporting	Reporting								
Analyte	Result	Limit	Dilı	ıtion	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				
Allions by ETA 500:0/7050A											



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

### H-2 E309017-09

Result	Reporting	Dilutio	on Prepared	Analyzed	Notes
Result	Limit	Dilutio	on repared	Allalyzed	Notes
mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2336027
ND	0.0250	1	09/06/23	09/07/23	
ND	0.0250	1	09/06/23	09/07/23	
ND	0.0250	1	09/06/23	09/07/23	
ND	0.0250	1	09/06/23	09/07/23	
ND	0.0500	1	09/06/23	09/07/23	
ND	0.0250	1	09/06/23	09/07/23	
	103 %	70-130	09/06/23	09/07/23	
	95.8 %	70-130	09/06/23	09/07/23	
	107 %	70-130	09/06/23	09/07/23	
mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2336027
ND	20.0	1	09/06/23	09/07/23	
	103 %	70-130	09/06/23	09/07/23	
	95.8 %	70-130	09/06/23	09/07/23	
	107 %	70-130	09/06/23	09/07/23	
mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2336071
ND	25.0	1	09/07/23	09/08/23	
ND	50.0	1	09/07/23	09/08/23	
	85.4 %	50-200	09/07/23	09/08/23	
mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2336057
ND	20.0	1	09/06/23	09/08/23	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IO         0.0250           IO         0.0250           IO         95.8 %           IO         107 %           mg/kg         mg/kg           ND         20.0           IO         95.8 %           IO         7%           mg/kg         mg/kg           ND         25.0           ND         50.0           85.4 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         A           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           103 %         70-130           95.8 %         70-130           107 %         70-130           95.8 %         70-130           95.8 %         70-130           107 %         70-130           mg/kg         mg/kg         A           ND         25.0         1           ND         50.0         1           85.4 %         50-200           mg/kg         mg/kg         A	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         09/06/23           ND         0.0250         1         09/06/23           ND         0.0250         1         09/06/23           ND         0.0500         1         09/06/23           ND         0.0250         1         09/06/23           ND         0.0250         1         09/06/23           ND         0.0250         1         09/06/23           95.8 %         70-130         09/06/23           107 %         70-130         09/06/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         09/06/23           103 %         70-130         09/06/23           95.8 %         70-130         09/06/23           107 %         70-130         09/06/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         09/07/23           ND         50.0         1         09/07/23           85.4 %         50-200         09/07/23	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         09/06/23         09/07/23           ND         0.0500         1         09/06/23         09/07/23           ND         0.0250         1         09/06/23         09/07/23           ND         0.0250         1         09/06/23         09/07/23           ND         0.0250         1         09/06/23         09/07/23           95.8 %         70-130         09/06/23         09/07/23           95.8 %         70-130         09/06/23         09/07/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         09/06/23         09/07/23           95.8 %         70-130         09/06/23         09/07/23           95.8 %         70-130         09/06/23         09/07/23           mg/kg



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

### H-3 E309017-10

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	analyst: BA		Batch: 2336057
Chloride	27.5	20.0	1	09/06/23	09/08/23	



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

#### H-4

#### E309017-11

		Reporting					
Analyte	Result	Limit	Di	lution	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	



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

### H-5 E309017-12

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepar	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	I	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	A	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	A	Analyst: BA		Batch: 2336057



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

### H-6 E309017-13

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst		1 mary 200	Batch: 2336027
Benzene	ND	0.0250		1	09/06/23	09/07/23	Batch: 2330027
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	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	

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



0.500

0.500

0.453

0.531

90.6

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

### **QC Summary Data**

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

Nonhalogenated	Organics	by EPA	8015D -	GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2336027-BLK1)						F	repared: 0	9/06/23 Anal	yzed: 09/06/23

	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336027-BLK1)							Prepared: 0	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: 0	9/06/23	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: 0	9/06/23	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: 0	9/06/23	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			



 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

Midland TX, 79707		Project Manage	r: Br	ittany Long				9	/11/2023 11:10:51A
	Nonhal	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336071-BLK1)							Prepared: 0	9/07/23 An	alyzed: 09/07/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	43.1		50.0		86.2	50-200			
LCS (2336071-BS1)							Prepared: 0	9/07/23 An	alyzed: 09/07/23
Diesel Range Organics (C10-C28)	239	25.0	250		95.5	38-132			
urrogate: n-Nonane	42.1		50.0		84.1	50-200			
Matrix Spike (2336071-MS1)				Source:	E309017-	01	Prepared: 0	9/07/23 An	alyzed: 09/07/23
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	38-132			
urrogate: n-Nonane	41.8		50.0		83.6	50-200			
Matrix Spike Dup (2336071-MSD1)				Source:	E309017-	01	Prepared: 0	9/07/23 An	alyzed: 09/07/23
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132	5.12	20	
urrogate: n-Nonane	43.7		50.0		87.4	50-200			



Targa		Project Name:		alo Duro Gas	Plant				Reported:
12600 WCR 91 Midland TX, 79707		Project Number: Project Manager		1102-0001 rittany Long					9/11/2023 11:10:51AM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336057-BLK1)							Prepared: 0	9/06/23 A	nalyzed: 09/08/23
Chloride	ND	20.0							
LCS (2336057-BS1)							Prepared: 0	9/06/23 A	nalyzed: 09/08/23
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2336057-MS1)				Source:	E309014-0	01	Prepared: 0	9/06/23 A	nalyzed: 09/08/23
Chloride	346	20.0	250	88.8	103	80-120			
Matrix Spike Dup (2336057-MSD1)				Source:	E309014-0	01	Prepared: 0	9/06/23 A	nalyzed: 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**

ſ	Targa	Project Name:	Palo Duro Gas Plant	
١	12600 WCR 91	Project Number:	21102-0001	Reported:
١	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 R	equest of Chain of Custody Record																				Dag			3	of	Сегрен
TE	Tetra Tech. Inc.				Mic	dland,T el (432)	Street, Ste exas 7970 ) 682-4559 ) 682-3940	1	******						Description of the last of the					3	Page 09 102	01				Noch.
Client Name:	Targa	Site Manager		Br	ittany	Lon	a	-						-		ANA	LYS	- to/or	-	200						1/4/
Project Name:			(432) 74					-	-		-		. (	Cir	Circle or Specify Method No.)				707							
roject Location	Palo Duro Gas Plant		brittany.le	ong	@tetr	atec	h.com								Н		П	1				Н		П		1 10
county, state)	Eddy County, NM	Project #:																			1	П	list)			14
voice to:	Tarra									-					6											24 /
Receiving Labo	Tarqa ratory:	Sampler Sign	ature:	_	14:	-1.0				-	-			Se Hg	Se Hg			1			- [	П	attached			112
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Comments:												826(	DRO - ORO)	S	ŏ			624 270C/B				TDS	istry (		-	
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LAB#	SAMPLE IDENTIFICATION	YEAR: 2023		T	П	十	П	TT	ヿ	INE	2)	- 1	) WE	oc als Ag	als Ag	atiles ni Vol			8082 / 6		estos	Su	Water ation B			
( LAB USE ONLY	)	DATE	TIME	WATER	SOIL	I I	HNO3			# CONTAINERS	FILTERED (Y/N)	BTEX 8021B TPH TX1005	TPH 801	PAH 8270C Total Metals Ag	TCLP Metals	TCLP Semi Volatiles	RCI	GC/MS Vol.	PCB's 80	NORM	PLM (Asbestos) Chloride	Chloride	General Wate Anion/Cation			PloH
1	AH-7 (0-1')	8/30/2023		_	×	T	×	$\top$	ヿ	41	-	X	×			T	1		1	_	X	$\overline{}$		H	十	十
2	AH-7 (1-1.5')	8/30/2023			x		×	$\prod$	1			x	x		П	1			1		×	Ħ		$\Box$	1	$\top$
3	AH-7 (2-2.5')	8/30/2023		14	x		×					х	х			T	П	T			x			П		T
4	AH-7 (3-3.5')	8/30/2023		9	х		×					x	х				П				x					
5	AH-8 (0-1')	8/30/2023			x		×					x	x								x					
6	AH-8 (1-1.5')	8/30/2023			x		×					x	x								x					
7	AH-8 (2-2.5')	8/30/2023			x		×	Ш				x	x				Ш				x	Ц				
8	H-1	8/30/2023			x		×					x	x							Ц	x	Ш				
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Client Name:	Targa	Site Manager:		Brittar	ıy Lo	ong					T							SIS	RE	QU	EST		C	~	<u>~ · </u>	- /4/
roject Name:	Palo Duro Gas Plant		(432) 74 <sup>2</sup> brittany.ld		trate	ech.	com				1	1	) 	(Ci	rcle 	10 9	· Sp	ec 	ify I I	Me	tho	d N	lo.)	l I	1.1	1 224
Project Location (county, state)	n: Eddy County, NM	Project #:	STREETHY.	3119(65)15	tratt	3011.	00111				1			1	L								list)		Ш	10:12
nvoice to:	Targa		***************************************					idayan ina			1				- Ja						Н		attached li		П	
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LAB#	SAMPLE IDENTIFICATION	YEAR: 2023		22			H		- INCOME	FILTERED (Y/N)	8021B	O LO	)15M (		letals A	olatiles	emi Vo	Sol.	Semi.	8082 / 6	PLM (Asbestos)	0	Wate	Cation		T
( LAB USE ONLY	)	DATE	TIME	WATE		고	ICE ICE		1		BTEY S	TPH T	грн 80	PAH 8270C	rotal Metals	rclp v	TCLP S RCI	GC/MS Vol.	GC/MS	PCB's	JLM (A	Chloride	General	Anion/C		PoH
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Printed: 9/5/2023 12:14:49PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Targa	Date Received:	09/05/23 08		Work Order	ID: F	3309017
Phone:	(432) 999-8675	Date Logged In:	09/05/23 09	0:32	Logged In B	y: (	Caitlin Mars
Email:	brittany.long@tetratech.com	Due Date:	09/11/23 17	7:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does th	e sample ID match the COC?		Yes				
	e number of samples per sampling site location mat	ch the COC	Yes				
3. Were sa	imples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	COC complete, i.e., signatures, dates/times, reques	ted analyses?	No				
5. Were al	I samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic	•	Yes		Comi	ments/I	Resolution_
	urn Around Time (TAT)	ш.					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Palo Duro G		
Sample C					separated into 2 repo	orts d	ue to high sample
	ample cooler received?		Yes		volume. Workorders	are a	as follows:
8. If yes, v	was cooler received in good condition?		Yes		E309016 & E30901	7.Tin	ne sampled not
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		provided on COC pe		•
10. Were	custody/security seals present?		No		provided on COC pe	n che	ont.
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C		temperature. 1	<u> </u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?	,	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	· · · · · · · · · · · · · · · · · · ·	iers conceteu.	103				
	field sample labels filled out with the minimum info	rmation:					
	ample ID?	111441011	Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		No				
Sample P	<u>reservation</u>						
21. Does t	the COC or field labels indicate the samples were pr	eserved?	No				
	mple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
	se Sample Matrix						
26. Does t	he sample have more than one phase, i.e., multiphas	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontra	act Laboratory						
	mples required to get sent to a subcontract laborator	v?	No				
	subcontract laboratory specified by the client and if	-		Subcontract Lab	o: na		
	struction		_				
CHEILI	struction						

Date

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 Office: 505-632-1881

labadmin@envirotech-inc.com

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Southern New Mexico Area

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Michelle Golzales

Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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### Sample Summary

Targa	Project Name:	Palo Duro Gas Plant	Donoutoda
12600 WCR 91	Project Number:	21102-0001	Reported:
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.



Γ	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

	E311034-01				
Result	Reporting Limit		n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2344121
ND	0.0250	1	11/04/23	11/04/23	
ND	0.0250	1	11/04/23	11/04/23	
ND	0.0250	1	11/04/23	11/04/23	
ND	0.0250	1	11/04/23	11/04/23	
ND	0.0500	1	11/04/23	11/04/23	
ND	0.0250	1	11/04/23	11/04/23	
	95.5 %	70-130	11/04/23	11/04/23	
mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2344121
ND	20.0	1	11/04/23	11/04/23	
	90.5 %	70-130	11/04/23	11/04/23	
mg/kg	mg/kg	Ana	alyst: KM		Batch: 2345007
ND	25.0	1	11/06/23	11/06/23	
ND	50.0	1	11/06/23	11/06/23	
	90.3 %	50-200	11/06/23	11/06/23	
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2345023
21.9	20.0	1	11/06/23	11/07/23	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.0           90.5 %         mg/kg           MB/kg         mg/kg           ND         25.0           ND         50.0           90.3 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Analysis           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           mg/kg         mg/kg         Analysis           ND         20.0         1           90.5 %         70-130         70-130           mg/kg         mg/kg         Analysis           ND         25.0         1           ND         50.0         1           90.3 %         50-200           mg/kg         mg/kg         Analysis	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         11/04/23           ND         0.0250         1         11/04/23           ND         0.0250         1         11/04/23           ND         0.0500         1         11/04/23           ND         0.0250         1         11/04/23           ND         0.0250         1         11/04/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         11/04/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         11/06/23           ND         50.0         1         11/06/23           ND         50.0         1         11/06/23           mg/kg         mg/kg         Analyst: KM	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         11/04/23         11/04/23           ND         0.0250         1         11/04/23         11/04/23           ND         0.0250         1         11/04/23         11/04/23           ND         0.0500         1         11/04/23         11/04/23           ND         0.0250         1         11/04/23         11/04/23           ND         0.0250         1         11/04/23         11/04/23           ND         0.0250         1         11/04/23         11/04/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         11/04/23         11/04/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         11/06/23         11/06/23           ND         50.0         1         11/06/23         11/06/23           ND         50.0         1         11/06/23         11/06/23           MD         50.0         1         11/06/23         11/06/23           <

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

		E311034-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	Ana	alyst: 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	Ana	ılyst: 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	Ana	ılyst: BA		Batch: 2345023
Chloride	94.0	20.0	1	11/06/23	11/07/23	



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

		E311034-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anaryte	Resuit	Limit	Dilution	rrepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	Anal	yst: 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	Anal	yst: BA		Batch: 2345023
Chloride	83.2	20.0	1	11/06/23	11/07/23	



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				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: BA		Batch: 2345023
Chloride	89.2	20.0	1	11/06/23	11/07/23	



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				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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	An	alyst: 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	An	alyst: BA		Batch: 2345023
Chloride	ND	20.0	1	11/06/23	11/07/23	



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

		E511054 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
o,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	Analy	st: 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	Analy	st: 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	Analy	st: BA		Batch: 2345023
Chloride	ND	20.0	1	11/06/23	11/07/23	



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

	E311034-07				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	Analyst: RKS		Batch: 2344121
ND	0.0250	1	11/04/23	11/04/23	
ND	0.0250	1	11/04/23	11/04/23	
ND	0.0250	1	11/04/23	11/04/23	
ND	0.0250	1	11/04/23	11/04/23	
ND	0.0500	1	11/04/23	11/04/23	
ND	0.0250	1	11/04/23	11/04/23	
	94.3 %	70-130	11/04/23	11/04/23	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2344121
ND	20.0	1	11/04/23	11/04/23	
	90.6 %	70-130	11/04/23	11/04/23	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2345007
ND	25.0	1	11/06/23	11/06/23	
ND	50.0	1	11/06/23	11/06/23	
	92.6 %	50-200	11/06/23	11/06/23	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2345023
ND	20.0	1	11/06/23	11/07/23	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           94.3 %         mg/kg           Mg/kg         mg/kg           ND         20.0           90.6 %         mg/kg           ND         25.0           ND         50.0           92.6 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         0.0250         1           Mg/kg         mg/kg         Anal           ND         20.0         1           Mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           92.6 %         50-200           mg/kg         mg/kg         Anal	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         11/04/23           ND         0.0250         1         11/04/23           ND         0.0250         1         11/04/23           ND         0.0500         1         11/04/23           ND         0.0250         1         11/04/23           ND         0.0250         1         11/04/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         11/04/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         11/06/23           ND         50.0         1         11/06/23           ND         50.0         1         11/06/23           Mg/kg         mg/kg         Analyst: BA	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         11/04/23         11/04/23           ND         0.0250         1         11/04/23         11/04/23           ND         0.0250         1         11/04/23         11/04/23           ND         0.0500         1         11/04/23         11/04/23           ND         0.0250         1         11/04/23         11/04/23           ND         0.0250         1         11/04/23         11/04/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         11/04/23         11/04/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         11/06/23         11/06/23           ND         50.0         1         11/06/23         11/06/23           ND         50.0         1         11/06/23         11/06/23           Mg/kg         mg/kg         Analyst: BA



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')

E311	$034_{-}$	An.

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	Analys	st: 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	Analys	st: 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	Analys	st: BA		Batch: 2345023
Chloride	ND	20.0	1	11/06/23	11/07/23	



Palo Duro Gas Plant Targa Project Name: 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 Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2344121-BLK1) Prepared: 11/04/23 Analyzed: 11/04/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.16 8.00 102 70-130 LCS (2344121-BS1) Prepared: 11/04/23 Analyzed: 11/04/23 5.08 102 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.91 0.0250 5.00 98.2 70-130 5.09 0.0250 5.00 102 70-130 Toluene 101 o-Xylene 5.05 0.0250 5.00 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 101 70-130 15.2 15.0 Total Xylenes 0.0250 8.00 104 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.29 Matrix Spike (2344121-MS1) Source: E311033-03 Prepared: 11/04/23 Analyzed: 11/04/23 5.22 0.0250 5.00 ND 54-133 Benzene ND 101 61-133 Ethylbenzene 5.03 0.0250 5.00 Toluene 5.22 0.0250 5.00 ND 104 61-130 5.15 ND 103 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.4 0.0500 10.0 ND 104 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.97 8.00 Matrix Spike Dup (2344121-MSD1) Source: E311033-03 Prepared: 11/04/23 Analyzed: 11/04/23 4.97 0.0250 5.00 ND 54-133 5.08 4.79 ND 61-133 4.84 0.0250 5.00 95.9 20 Ethylbenzene 61-130 Toluene 4 97 0.0250 5.00 ND 99.3 5.02 20 4.91 5.00 ND 98.1 63-131 4.90 20 o-Xylene 0.0250 9.90 10.0 ND 99.0 63-131 4.72 20 p,m-Xylene 0.0500



14.8

8.05

0.0250

15.0

8.00

ND

98.7

101

63-131

70-130

4.78

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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

Midland TX, 79707		Project Manage	r: Br	ittany Long					11/10/2023 12:27:50PM	
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: RKS	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2344121-BLK1)							Prepared: 1	1/04/23 A	nalyzed: 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: 1	1/04/23 A	nalyzed: 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:	E311033-0	)3	Prepared: 1	1/04/23 A	nalyzed: 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-(	)3	Prepared: 1	1/04/23 A	nalyzed: 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				



 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

Midland TX, 79707		Project Manage	r: Br	ittany Long				ı	1/10/2023 12:27:50P
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345007-BLK1)							Prepared: 11	1/06/23 Aı	nalyzed: 11/06/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	46.5		50.0		93.1	50-200			
LCS (2345007-BS1)							Prepared: 11	1/06/23 Aı	nalyzed: 11/06/23
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
urrogate: n-Nonane	50.3		50.0		101	50-200			
Matrix Spike (2345007-MS1)				Source:	E311035-0	08	Prepared: 11	1/06/23 A1	nalyzed: 11/06/23
Diesel Range Organics (C10-C28)	232	25.0	250	ND	92.7	38-132			
urrogate: n-Nonane	41.6		50.0		83.2	50-200			
Matrix Spike Dup (2345007-MSD1)				Source:	E311035-0	08	Prepared: 11	1/06/23 Aı	nalyzed: 11/06/23
Diesel Range Organics (C10-C28)	232	25.0	250	ND	92.6	38-132	0.0473	20	
'urrogate: n-Nonane	44.7		50.0		89.5	50-200			



Targa		Project Name:		alo Duro Gas	Plant				Reported:	
12600 WCR 91 Midland TX, 79707		Project Number: Project Manager		21102-0001 Brittany Long					11/10/2023 12:27:50PM	
		Anions	by EPA	300.0/9056	4				Analyst: BA	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2345023-BLK1)							Prepared:	11/06/23 A	Analyzed: 11/07/23	
Chloride	ND	20.0								
LCS (2345023-BS1)							Prepared:	11/06/23 A	Analyzed: 11/07/23	
Chloride	240	20.0	250		96.0	90-110				
Matrix Spike (2345023-MS1)				Source:	E311034-0	)7	Prepared:	11/06/23 A	Analyzed: 11/07/23	
Chloride	250	20.0	250	ND	100	80-120				
Matrix Spike Dup (2345023-MSD1)				Source:	E311034-0	)7	Prepared:	11/06/23 A	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.



Release	
	est of Chain of Custody Record
TE	Tetra Tec

1	_	21	10	2,1
1	_	21	10	M
- 0	_	200		

1000-50112 #dol

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1 of

	Tetra '	Toch	Inc
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901 W Wall Street, Ste 100 Midland, Texas 79701 Tel (432) 682-4559

gin					Fax	(432) 6	82-39	46																			
Olient Name:	Targa	Site Manager:	:	Britt	any L	ong															ES1						74/2
Poject Name:	Palo Duro Gas Plant		(432) 741- brittany.lo			tech.	.cor	n					1 1	(Cir	rcle	01	S	pec 	ify	Me	tho	d N	No.	) 	1	1 1	024 11
oject Location ounty, state)	Eddy County, NM	Project #:		2	212C-	MD-	032	18															list)				0:12:5
Proice to:	ATTN: Targa Resources Michael Gant												Н	i i	F F								ached				4 11
ceiving Labor	ratory: Envirotech Inc.	Sampler Sign	ature:	N	∕ligue	I A.	Flor	es				m	- ORO )	Dh Co	Pb Se				2				see att				
Comments:												X 8260B	DRO	2000	a Cd Cr			624	8270C/625			000	TDS mistry (	, e			
		SAME	PLING	MA	TRIX	Р		RVATIV	/E	ERS	(Y/N)	B BTEX	(GRO-DRO	A A A B	Ag As E	es	Volatiles	8260B/	i. Vol. 82	/ 608	tos)	1	Sulfate	n Balan			
LAB #	SAMPLE IDENTIFICATION	YEAR: 2023	TIME	WATER SO.	POIL	HCL	HNO3	E		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B TPH TX1005	TPH 8015M (	PAH 8270C	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	P Semi	GC/MS Vol.	GC/MS Semi. Vol. 82700	PCB's 8082 / 608	PLM (Asbestos)	Chloride	Chloride Sulfate TDS General Water Chemistry (see attached list)	Anion/Catio			Hold
1	H-3 (0-1')	11/2/2023		×				(				x	х		T			T				X					
2	H-3 (2')	11/2/2023		×			1	<				х	х									х					
3	H-3 (3')	11/2/2023		×			1	(				х	х									х					
4	H-3 (4')	11/2/2023		×			1	<				х	х									x					
5	H-6 (0-1')	11/2/2023		×				<				х	х									x					
9	H-6 (2')	11/2/2023		×			]	K				х	х									x					
7	H-6 (3')	11/2/2023		×				K				х	х									x					
8	H-6 (4')	11/2/2023		×				ĸ				х	х		+		_				-	x	_	$\mathbb{H}$	+	-	-
				H		H	1					H	$\vdash$	+	+	H	+	+	H		+	H	+	H	+	H	
Relinquished b	y: Date: Time:    1/3/23   105   y: Date: Time:	Received by	1 1	eacy	le	Date		Tim 23		105		L	AB	USI	E	RE		RKS:				>					
Relinquished b	lle Gengale 11-3-23 1730	Received by	:	ni	,	Date	e:	Tim	ie:	10	30	Samp	le Ter	mpera	ature									48 h	r 72	. hr	
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envirotech Inc.

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

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Targa	Date Received:	11/04/23 06	5:00		Work Order ID:	E311034
Phone:	(432) 999-8675	Date Logged In:	11/03/23 15	5:42		Logged In By:	Lacey Rodgers
Email:	brittany.long@tetratech.com	Due Date:	11/10/23 1	7:00 (4 day TAT)		22 ,	, ,
1. Does th 2. Does th 3. Were sa 4. Was the	Custody (COC)  e sample ID match the COC?  e number of samples per sampling site location mat  umples dropped off by client or carrier?  e COC complete, i.e., signatures, dates/times, reques		Yes Yes Yes Yes	Carrier: <u>C</u>	<u>Courier</u>		
	I samples received within holding time?  Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssic urn Around Time (TAT)		Yes	ı		Comment	s/Resolution
	COC indicate standard TAT, or Expedited TAT?		Yes		Time sam	npled not provi	ded on samples or
Sample C	•		105				not on samples.
	ample cooler received?		Yes		000.00		iot on sampies.
	vas cooler received in good condition?		Yes				
•	sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
	were custody/security seals intact?		NA				
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C	ontainer_						
14. Are ac	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers?	?	Yes				
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes				
Sa Da	tel field sample labels filled out with the minimum info ample ID? ate/Time Collected? ollectors name?	rmation:	Yes Yes No				
Sample P	reservation		110				
21. Does t	he COC or field labels indicate the samples were pr	eserved?	No				
22. Are sa	mple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	netals?	No				
Multipha	se Sample Matrix						
26. Does t	he sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA				
28. Are sa	act Laboratory mples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	-	No NA	Subcontract Lab	o: NA		
Client In	struction						

Date

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

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

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: 11/9/23

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,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

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Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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### **Sample Summary**

Γ	Targa	Project Name:	Palo Duro Gas Plant	Donoutodi
١	12600 WCR 91	Project Number:	21102-0001	Reported:
l	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.



 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

#### H - 7 E311040-01

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2345016
Benzene	ND	0.0250	1	l	11/06/23	11/07/23	
Ethylbenzene	ND	0.0250	1	l	11/06/23	11/07/23	
Toluene	ND	0.0250	1	l	11/06/23	11/07/23	
o-Xylene	ND	0.0250	1	l	11/06/23	11/07/23	
p,m-Xylene	ND	0.0500	1	l	11/06/23	11/07/23	
Total Xylenes	ND	0.0250	1	l	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	l	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	1	11/06/23	11/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	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



 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

#### H - 8 E311040-02

		- 7				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	A	nalyst: 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	A	nalyst: 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	A	nalyst: BA		Batch: 2345048
Chloride	ND	20.0	1	11/07/23	11/09/23	

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

#### H - 9 E311040-03

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	A	nalyst: 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	A	nalyst: 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	A	nalyst: BA		Batch: 2345048
Chloride	20.1	20.0	1	11/07/23	11/09/23	



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

H - 10 E311040-04

		20110.00.					
Analyte	Result	Reporting Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2345016
Benzene	ND	0.0250		1	11/06/23	11/07/23	Butch: 23 13 01 0
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	



 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

#### H - 11 E311040-05

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: F	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	А	Analyst: F	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	Α	Analyst: K	ΚM		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	Α	Analyst: E	BA		Batch: 2345048

 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

#### H-12 E311040-06

	_	Reporting	_			
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	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	P	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	A	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	A	Analyst: BA		Batch: 2345048
Chloride	21.5	20.0	1	11/07/23	11/09/23	

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

#### H - 13 E311040-07

Result			tion Pren	ared	Analyzed	Notes
Result	Limit			arcu	Tillaryzea	
mg/kg	mg/kg	A	Analyst: RKS			Batch: 2345016
ND	0.0250	1	11/0	6/23	11/07/23	
ND	0.0250	1	11/0	6/23	11/07/23	
ND	0.0250	1	11/0	6/23	11/07/23	
ND	0.0250	1	11/0	6/23	11/07/23	
ND	0.0500	1	11/0	6/23	11/07/23	
ND	0.0250	1	11/0	6/23	11/07/23	
	100 %	70-130	11/0	6/23	11/07/23	
	103 %	70-130	11/0	6/23	11/07/23	
	109 %	70-130	11/0	6/23	11/07/23	
mg/kg	mg/kg	A	Analyst: RKS			Batch: 2345016
ND	20.0	1	11/0	6/23	11/07/23	
	100 %	70-130	11/0	6/23	11/07/23	
	103 %	70-130	11/0	6/23	11/07/23	
	109 %	70-130	11/0	6/23	11/07/23	
mg/kg	mg/kg	A	Analyst: KM			Batch: 2345001
ND	25.0	1	11/0	6/23	11/08/23	
ND	50.0	1	11/0	6/23	11/08/23	
	84.8 %	50-200	11/0	6/23	11/08/23	
mg/kg	mg/kg	A	Analyst: BA			Batch: 2345048
ND	20.0	1	11/0	7/23	11/09/23	_
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IOO %         103 %           109 %         mg/kg           ND         20.0           100 %         103 %           109 %         109 %           mg/kg         mg/kg           ND         25.0           ND         50.0           84.8 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         ng/kg           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           100 %         70-130           109 %         70-130           109 %         70-130           100 %         70-130           109 %         70-130           109 %         70-130           109 %         70-130           109 %         70-130           109 %         70-130           109 %         70-130           109 %         70-130           109 %         70-130           109 %         70-130           109 %         70-130           109 %         70-130           109 %         70-130           109 %         70-130           109 %         70-130           109 %         70-130           109 %         70-130           100 %         70-130           100 %         70-130	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         11/0           ND         0.0250         1         11/0           ND         0.0250         1         11/0           ND         0.0500         1         11/0           ND         0.0250         1         11/0           ND         0.0250         1         11/0           ND         70-130         11/0           109 %         70-130         11/0           109 %         70-130         11/0           100 %         70-130         11/0           100 %         70-130         11/0           109 %         70-130         11/0           109 %         70-130         11/0           109 %         70-130         11/0           109 %         70-130         11/0           109 %         70-130         11/0           109 %         70-130         11/0           100 %         70-130         11/0           100 %         70-130         11/0           100 %         70-130 <t< td=""><td>Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         11/06/23           ND         0.0250         1         11/06/23           ND         0.0250         1         11/06/23           ND         0.0500         1         11/06/23           ND         0.0250         1         11/06/23           ND         0.0250         1         11/06/23           100 %         70-130         11/06/23           103 %         70-130         11/06/23           109 %         70-130         11/06/23           100 %         70-130         11/06/23           103 %         70-130         11/06/23           109 %         70-130         11/06/23           109 %         70-130         11/06/23           109 %         70-130         11/06/23           109 %         70-130         11/06/23           109 %         70-130         11/06/23           109 %         70-130         11/06/23           100 %         70-130         11/06/23           100 %         70-130         11/06/23</td></t<> <td>Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         11/06/23         11/07/23           ND         0.0500         1         11/06/23         11/07/23           ND         0.0250         1         11/06/23         11/07/23           ND         0.0250         1         11/06/23         11/07/23           100 %         70-130         11/06/23         11/07/23           103 %         70-130         11/06/23         11/07/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         11/06/23         11/07/23           100 %         70-130         11/06/23         11/07/23           103 %         70-130         11/06/23         11/07/23           109 %         70-130         11/06/23         11/07/23           109 %         70-130</td>	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         11/06/23           ND         0.0250         1         11/06/23           ND         0.0250         1         11/06/23           ND         0.0500         1         11/06/23           ND         0.0250         1         11/06/23           ND         0.0250         1         11/06/23           100 %         70-130         11/06/23           103 %         70-130         11/06/23           109 %         70-130         11/06/23           100 %         70-130         11/06/23           103 %         70-130         11/06/23           109 %         70-130         11/06/23           109 %         70-130         11/06/23           109 %         70-130         11/06/23           109 %         70-130         11/06/23           109 %         70-130         11/06/23           109 %         70-130         11/06/23           100 %         70-130         11/06/23           100 %         70-130         11/06/23	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         11/06/23         11/07/23           ND         0.0500         1         11/06/23         11/07/23           ND         0.0250         1         11/06/23         11/07/23           ND         0.0250         1         11/06/23         11/07/23           100 %         70-130         11/06/23         11/07/23           103 %         70-130         11/06/23         11/07/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         11/06/23         11/07/23           100 %         70-130         11/06/23         11/07/23           103 %         70-130         11/06/23         11/07/23           109 %         70-130         11/06/23         11/07/23           109 %         70-130



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

#### H - 14

#### E311040-08

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2345016
Benzene	ND	0.0250	1	1	11/06/23	11/07/23	
Ethylbenzene	ND	0.0250	1	1	11/06/23	11/07/23	
Toluene	ND	0.0250	1	1	11/06/23	11/07/23	
o-Xylene	ND	0.0250	1	1	11/06/23	11/07/23	
p,m-Xylene	ND	0.0500	1	1	11/06/23	11/07/23	
Total Xylenes	ND	0.0250	1	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	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	1	11/06/23	11/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	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
Allions by E1A 300:0/7030A							

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



0.500

0.500

0.487

0.544

97.3

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

 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	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

	Result	LIIIII	Level	Result	Rec	Limits	KPD	LIIIII	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345016-BLK1)							Prepared: 11	1/06/23 A	nalyzed: 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	1/06/23 A	nalyzed: 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:	E311040-0	)3	Prepared: 11	1/06/23 A	nalyzed: 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:	E311040-0	)3	Prepared: 11	1/06/23 A	nalyzed: 11/07/23
G 1' P G ' (G( G10)		20.0	50.0	ND	112	70-130	0.410	20	
Gasoline Range Organics (C6-C10)	56.2	20.0	20.0						
Surrogate: Bromofluorobenzene	0.508	20.0	0.500		102	70-130			
		20.0			102 99.9	70-130 70-130			



 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

Midland TX, 79707		Project Manage	r: Br	ittany Long					11/9/2023 4:27:24PN
	Nonhal	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345001-BLK1)							Prepared: 1	1/06/23 Ar	nalyzed: 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: 1	1/06/23 Ar	nalyzed: 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:	E311040-0	03	Prepared: 1	1/06/23 Ar	nalyzed: 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:	E311040-0	03	Prepared: 1	1/06/23 Ar	nalyzed: 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			



Matrix Spike Dup (2345048-MSD1)

Chloride

### **QC Summary Data**

Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager	: 2	alo Duro Gas l 1102-0001 rittany Long	Plant				<b>Reported:</b> 11/9/2023 4:27:24PM
		Anions	by EPA	300.0/9056 <i>E</i>	4				Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2345048-BLK1)							Prepared: 1	1/07/23 Aı	nalyzed: 11/09/23
Chloride	ND	20.0							
LCS (2345048-BS1)							Prepared: 1	1/07/23 Aı	nalyzed: 11/09/23
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2345048-MS1)				Source:	E311040-	06	Prepared: 1	1/07/23 Aı	nalyzed: 11/09/23
Chloride	260	20.0	250	21.5	95.4	80-120			

250

20.0

Source: E311040-06

96.6

80-120

1.09

21.5

#### 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.



Prepared: 11/07/23 Analyzed: 11/09/23

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### **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.



alysis Re	equest of Chain of Custody Record					ŀ	E3	110	OH		00	6+	+	2	11	0.7	),(	700	)(			Page	e		1	_of _	ceivea
Tt.	Tetra Tech, Inc.				Mi	idland fel (43	all Street, 5 1,Texas 79 32) 682-45 32) 682-3	Ste 100 9701 559												700-200							B OCD:
Client Name:	Targa	Site Manager:		Br	ittany	/ Lo	ng												IS F								14/2
oject Name:	Palo Duro Gas Plant		(432) 741 brittany.ld			rate	ch.co	m				1	I	(C	irc 	le c	or S	Spe 	cif	y № 	let	hod 	No	o.)	l		024 1
Project Location County, state)	Eddy County, NM	Project #:				_	1D-03																	list)			0.12:
voice to:	ATTN: Targa Resources Michael Gant				I											BH a								ached			34 AA
ceiving Labor	ratory: Envirotech Inc.	Sampler Sign	ature:		Migu	uel .	A. Flo	res				98	ORO)		Pb	Cr Pb Se			25					(see att			
Comments:												X 8260B	DRO-		20	Ba Cd C			/ 624 3270C/6				TDS	mistry	2		
The North		SAMP	LING	IN	IATRI	х		ERVAT ETHOD		RS	(Ñ.	BTEX	GRO.		Ag As B	Ag As t	Volatiles		8260B/	809		s)	Sulfate	er Che	Dalall		
LAB#	SAMPLE IDENTIFICATION	YEAR: 2023		~	П	T				CONTAINERS	ED (Y	8021B	C0017		etals A	Metals /	Semi Vo		Vol. 8	3082/		(Asbestos)	S	I Wate	alloi		
( LAB USE )		DATE	TIME	WATER	SOIL	1	HCL HNO <sub>3</sub>	ICE		# CON	FILTERED (Y/N)	BTEX 8		1 1	Total Metals	TCL P Volatiles	TCLPS	RCI	GC/MS Vol.	PCB's 8082 / 608	NORM	PLM (Ast Chloride	Chloride	General Water Chemistry (see attached			Hold
1	H-7	11/2/2023			х			x				x	х									×					
2	H-8	11/2/2023			x			х				x	x	Ш								х					
3	H-9	11/2/2023			x			х				х	х									x					
4	H-10	11/2/2023			х			х				х	х								Ц	х					
5	H-11	11/2/2023			х			x				x	х					Ц				х					
6	H-12	11/2/2023			x			х				x	х									x					
7	H-13	11/2/2023			х			х				x	х									х					
8	H-14	11/2/2023			x			x				x	X									x					
												Ш															
																				-		1					
Relinquished b	Miguel A Flores Date: Time: 11/3/23 1105	Received by		Leh	yle		Date:		ne: 11	105				B US		R	EMA	ARKS	S:(S	tan	dar						
Relinquished b	by: Date: Time:	Received by	:		0		Date:	_	ne:			Sam	ple T	empe	ratur	e		RUS	SH:	Sam	ne D	ay 2	24 hr	48	hr	72 hr	
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Relinquished b	Date: 11me: 11.3.23 2400	201	marke	m	~		Date.	Itu	hs	10:	80		4		/			Spe	cial f	Repo	ort Li	imits (	or TF	RP F	Repo	rt	Pa
0 1,0.0	1. 2 (2)	The state of the s			1			-		-		(Ciro	la L	CIAND	DELL	VED	ED	EEDI	-v 1	IDC	Te	ackina	4.	_			0.0

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

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Targa	Date Received:	11/04/23 0	6:00		Work Order ID:	E311040
Phone:	(432) 999-8675	Date Logged In:	11/03/23 1	6:23		Logged In By:	Lacey Rodgers
Email:	brittany.long@tetratech.com	Due Date:	11/10/23 1	7:00 (4 day TAT)		<i>3</i> 00 <i>3</i>	, ,
1. Does th 2. Does th 3. Were sa 4. Was the	Custody (COC)  the sample ID match the COC?  the number of samples per sampling site location match the corporation of the corp	sted analyses?	Yes Yes Yes Yes Yes	Carrier: <u>C</u>	<u>Courier</u>	_	
~	i.e, 15 minute hold time, are not included in this disucssion	on.		ı		Comment	s/Resolution
	urn Around Time (TAT)  COC indicate standard TAT, or Expedited TAT?		Yes		Time san	npled not provi	ded on samples or
Sample C			103				not on samples.
	cample cooler received?		Yes				not on samples.
	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
	were custody/security seals intact?		NA				
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C	Container_						
14. Are ac	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Sa Da	ocl field sample labels filled out with the minimum info ample ID? ate/Time Collected? ollectors name?	ormation:	Yes Yes No				
Sample P	reservation_		110				
21. Does t	the COC or field labels indicate the samples were pr	reserved?	No				
22. Are sa	imple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	netals?	No				
Multipha	se Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA				
28. Are sa	act Laboratory  Imples required to get sent to a subcontract laborato subcontract laboratory specified by the client and if	-	No NA	Subcontract Lab	o: NA		
Client In	<u>istruction</u>						

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

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

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### **Sample Summary**

	Targa	Project Name:	Palo Duro Gas Plant	Reported:
١	12600 WCR 91	Project Number:	21102-0001	Reporteu:
	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.



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

	L511055 01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2344121
ND	0.0250	1	11/04/23	11/04/23	
ND	0.0250	1	11/04/23	11/04/23	
ND	0.0250	1	11/04/23	11/04/23	
ND	0.0250	1	11/04/23	11/04/23	
ND	0.0500	1	11/04/23	11/04/23	
ND	0.0250	1	11/04/23	11/04/23	
	97.5 %	70-130	11/04/23	11/04/23	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2344121
ND	20.0	1	11/04/23	11/04/23	
	89.6 %	70-130	11/04/23	11/04/23	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2344122
ND	25.0	1	11/04/23	11/04/23	
ND	50.0	1	11/04/23	11/04/23	
	93.4 %	50-200	11/04/23	11/04/23	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2344113
ND	20.0	1	11/04/23	11/06/23	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           MD         20.0           89.6 %         mg/kg           MD         25.0           ND         50.0           93.4 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           97.5 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           89.6 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           93.4 %         50-200           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         11/04/23           ND         0.0250         1         11/04/23           ND         0.0250         1         11/04/23           ND         0.0500         1         11/04/23           ND         0.0250         1         11/04/23           ND         0.0250         1         11/04/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         11/04/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         11/04/23           ND         25.0         1         11/04/23           ND         50.0         1         11/04/23           ND         50.0         1         11/04/23           mg/kg         mg/kg         Analyst: JL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         11/04/23         11/04/23           ND         0.0250         1         11/04/23         11/04/23           ND         0.0250         1         11/04/23         11/04/23           ND         0.0500         1         11/04/23         11/04/23           ND         0.0250         1         11/04/23         11/04/23           ND         0.0250         1         11/04/23         11/04/23           MD         0.0250         1         11/04/23         11/04/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         11/04/23         11/04/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         11/04/23         11/04/23           ND         50.0         1         11/04/23         11/04/23           ND         50.0         1         11/04/23         11/04/23           ND         50.0         1         11/04/23         11/04/23           <



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**

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: BA		Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	



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

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: BA		Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	



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

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	llyst: 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	Ana	llyst: BA		Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	



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**

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	llyst: 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	Ana	lyst: 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	Ana	lyst: BA		Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	



		QC Si	umm	пу рац	а				
Targa 12600 WCR 91		Project Name: Project Number:		alo Duro Gas l	Plant				Reported:
Midland TX, 79707		Project Manager:	В	rittany Long				1	1/7/2023 11:56:06AM
		Volatile Organics by EPA 8021B							Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344121-BLK1)							Prepared: 1	1/04/23 An	alyzed: 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: 1	1/04/23 An	alyzed: 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: 1	1/04/23 An	alyzed: 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: 1	1/04/23 An	alyzed: 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	

101

70-130



Surrogate: 4-Bromochlorobenzene-PID

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

Midland TX, 79707		Project Manage	r: Br	ittany Long					11/7/2023 11:56:06A	
	Nor	Nonhalogenated Organics by EPA 8015D - GRO								
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2344121-BLK1)							Prepared: 1	1/04/23 A	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: 1	1/04/23 A	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:	E311033-0	)3	Prepared: 1	1/04/23 A	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:	E311033-0	)3	Prepared: 1	1/04/23 A	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				



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

Midland TX, 79707		Project Manage	r: Br	ittany Long					11/7/2023 11:56:06AM
	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344122-BLK1)							Prepared: 1	1/04/23 A	Analyzed: 11/04/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.1		50.0		104	50-200			
LCS (2344122-BS1)							Prepared: 1	1/04/23 A	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: 1	1/04/23 A	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:	E311019-0	05	Prepared: 1	1/04/23 A	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			



Targa		Project Name:		alo Duro Gas	Plant				Reported:
12600 WCR 91 Midland TX, 79707		Project Number: Project Manager		1102-0001 rittany Long					11/7/2023 11:56:06AM
,				300.0/9056 <i>£</i>	<b>A</b>				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (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:	E311032-0	13	Prepared:	11/04/23	Analyzed: 11/04/23
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2344113-MSD1)				Source:	E311032-0	13	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**

TargaProject Name:Palo Duro Gas Plant12600 WCR 91Project Number:21102-0001Reported:Midland TX, 79707Project Manager:Brittany Long11/07/23 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.



1 of

Releas	
0	quest of Chain of Custody Record
Tt.	Tetra Tec

# ra Tech, Inc.

901 W Wall Street, Ste 100 Midland,Texas 79701

Figet Name:  Palo Duro Gas Plant  Project #:  Eddy County, NM  Project #:  Envirotech Inc.  SAMPLE IDENTIFICATION  Page 2023  SAMPLE IDENTIFIC						Tel (	(432) 6 (432) 6	82-455 82-394	9 16																				
Palo Duro Gas Plant	Pient Name:	Targa Site Manager: Brittany Long																											
Envirolech Inc.  Sampler Signature:  Envirolech Inc.  Sampler Signature:  Sampler Sign	ject Name:										ı	1	(Ci	irc 	e	or	Sp 	eci	ify 	Me	etho	bd	No	.)	-	1	I		
Envirotech Inc.   Miguel A. Flores   Sample	Bunty, state)	Eddy County, NM	Project #:		2	12C-	MD	-032	18																				
Envirotech Inc.   Miguel A. Flores   Sample	46		Icamalas Cianas													e Hg	se Hg									ittacher	П		
BH-1 (4')	elving Labo		Sampler Signal	ure.	N	/ligue	I A.	Flor	es				В	ORO		PbS	r Pb				55					see			
BH-1 (4')	Comments:												X 8260	DRO-		a Cd Cr	3a Cd C			624	270C/62				TDS	stry			
BH-1 (4')				.ING	MATRIX						IERS	(N/N)		( GRO-		Ag As B	s Ag As E	PS //olatiles		8260B/	Vol.	809/	tos)		Sulfate	ater Che			
BH-1 (4')	/ LAB USE '	SAMPLE IDENTIFICATION		TIME	WATER	SOIL	HCL	HNO <sub>3</sub>	<u> </u>		# CONTAIN	FILTERED	BTEX 8021	TPH 8015N	PAH 8270C	Total Metals	TCLP Metal:	TCLP Semi	RCI	GC/MS Vol.	GC/MS Serr	PCB's 8082	NORM PLM (Asbes			General wa Anion/Catic			Hold
3 SW-2  11/2/2023	l	BH-1 (4')						>					x	х													П		
SW-4  11/2/2023  X  X  X  X  X  X  X  X  X  X  X  X  X	2	SW-1	11/2/2023		×			)					x	х	Ц		_							х	Ц		$\sqcup$		1
SW-4  11/2/2023  X  X  X  X  X  X  X  X  X  X  X  X  X	3	SW-2	11/2/2023		×			)					x	х										х	Ц		Ц		
Received by:  Wiguel A Flores  1/3/23  1/05  Nation  Marks: Standard  Nation  Natio	4	SW-3	11/2/2023		×			>					x	x										х			Ш		
Michielle Congale 11-3:23 1730  Andrew Mass 11:3:23 1835  Received by:  Date: Time:  Received by:  Date: Time:  Special Report Limits or TRRP Report  Addrew Mass 11:3:23 1835  Rush Charges Authorized  Special Report Limits or TRRP Report	5	SW-4	11/2/2023		×		-	>	(				х	х	H	4	+	+	+	$\mathbb{H}$		H	+	х	H	+	H	+	+
Michielle Congale 11-3:23 1730  Andrew Mass 11:3:23 1835  Received by:  Date: Time:  Received by:  Date: Time:  Special Report Limits or TRRP Report  Addrew Mass 11:3:23 1835  Rush Charges Authorized  Special Report Limits or TRRP Report						1										1	1	1					#					#	
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	Crian	11 3 13 C40																											

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

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Dhamas (422) 000 9675	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 m	atch the COC	Yes			
3. Were samples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>Courier</u>	
4. Was the COC complete, i.e., signatures, dates/times, requ	ested analyses?	Yes			
<ol> <li>Were all samples received within holding time?         Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disues:     </li> </ol>	•	Yes		<u>Commer</u>	nts/Resolution
Sample Turn Around Time (TAT)  6. Did the COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not prov	rided on samples or
Sample Cooler		103		COC. Collectors name	<del>-</del>
7. Was a sample cooler received?		Yes		COO. Concetors name	not on samples.
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? 11. If yes, were custody/security seals intact?		No			
		NA			
12. Was the sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples a minutes of sampling 13. If no visible ice, record the temperature. Actual samples	are received w/i 15	Yes 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 container	rs?	Yes			
19. Is the appropriate volume/weight or number of sample conta	ainers collected?	No			
Field Label					
20. Were field sample labels filled out with the minimum in	formation:				
Sample ID?		No			
Date/Time Collected?		Yes	'		
Collectors name?		No			
Sample Preservation 21. Does the COC or field labels indicate the samples were	mragaryad?	No			
22. Are sample(s) correctly preserved?	preserveu:	No NA			
22. Are sample(s) correctly preserved:	metals?	NA No			
	means.	110			
24. Is lab filteration required and/or requested for dissolved					
24. Is lab filteration required and/or requested for dissolved Multiphase Sample Matrix	9				
24. Is lab filteration required and/or requested for dissolved Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiph		No			
24. Is lab filteration required and/or requested for dissolved Multiphase Sample Matrix		No NA			
24. Is lab filteration required and/or requested for dissolved Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiph					
24. Is lab filteration required and/or requested for dissolved Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiph 27. If yes, does the COC specify which phase(s) is to be ana	ılyzed?				
24. Is lab filteration required and/or requested for dissolved Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiph 27. If yes, does the COC specify which phase(s) is to be ana Subcontract Laboratory	ilyzed? tory?	NA	Subcontract Lab	o: NA	

Date

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

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**Alexa Michaels** 

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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### **Sample Summary**

Γ	Targa	Project Name:	Palo Duro Gas Plant	
١	12600 WCR 91	Project Number:	21102-0001	Reported:
l	Midland TX, 79707	Project Manager:	Brittany Long	11/07/23 11:51
1				

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.



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

Notes Batch: 2344106
Batch: 2344106
Batch: 2344106
Batch: 2344112
Batch: 2344113



Ta	rga	Project Name:	Palo Duro Gas Plant	
12	600 WCR 91	Project Number:	21102-0001	Reported:
Mi	idland TX, 79707	Project Manager:	Brittany Long	11/7/2023 11:51:28AM

### **SW-5**

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: BA		Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	



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**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: BA		Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/04/23	



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**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: BA		Batch: 2344113
Chloride	ND	20.0	1	11/04/23	11/06/23	



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**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	Ana	ılyst: 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	Ana	ılyst: 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	Ana	nlyst: BA		Batch: 2344113



		QC SI	umm	пу рац	а					
Targa 12600 WCR 91	Project Name: Project Number:		alo Duro Gas 1	Plant				Reported:		
Midland TX, 79707		Project Manager:	В	rittany Long				1	11/7/2023 11:51:28AM	
		Volatile O	rganics l	by EPA 802	21B				Analyst: RKS	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2344106-BLK1)							Prepared: 1	1/04/23 An	alyzed: 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: 1	1/04/23 An	alyzed: 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: 1	1/04/23 An	alyzed: 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: 1	1/04/23 An	alyzed: 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		

97.5

70-130



Surrogate: 4-Bromochlorobenzene-PID

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

Midland TX, 79707		Project Manager		ittany Long				11	/7/2023 11:51:28AN
	Non	halogenated	Organics	by EPA 80	15D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344106-BLK1)							Prepared: 1	1/04/23 Ana	lyzed: 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: 1	1/04/23 Ana	lyzed: 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:	E311041-0	)1	Prepared: 1	1/04/23 Ana	lyzed: 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-(	)1	Prepared: 1	1/04/23 Ana	lyzed: 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			



 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

Midland TX, 79707		Project Manage	r: Br	ittany Long					11/7/2023 11:51:28AN
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344112-BLK1)							Prepared: 1	1/04/23 A	nalyzed: 11/06/23
riesel Range Organics (C10-C28)	ND	25.0							
ril Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	43.1		50.0		86.3	50-200			
CS (2344112-BS1)							Prepared: 1	1/04/23 A	nalyzed: 11/04/23
riesel Range Organics (C10-C28)	227	25.0	250		90.8	38-132			
urrogate: n-Nonane	44.4		50.0		88.8	50-200			
Aatrix Spike (2344112-MS1)				Source:	E311041-0	)7	Prepared: 1	1/04/23 A	nalyzed: 11/04/23
iesel Range Organics (C10-C28)	242	25.0	250	ND	96.8	38-132			
urrogate: n-Nonane	46.5		50.0		93.0	50-200			
Matrix Spike Dup (2344112-MSD1)				Source:	E311041-(	07	Prepared: 1	1/04/23 A	nalyzed: 11/04/23
tiesel Range Organics (C10-C28)	240	25.0	250	ND	96.2	38-132	0.673	20	
urrogate: n-Nonane									



Targa 12600 WCR 91	Project Name: Project Number:		alo Duro Gas 1 1102-0001	Plant				Reported:				
Midland TX, 79707		Project Manager:		rittany Long					11/7/2023 11:51:28AM			
		Analyst: BA										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
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						
<b>Matrix Spike (2344113-MS1)</b>				Source:	E311032-0	13	Prepared:	11/04/23	Analyzed: 11/04/23			
Chloride	256	20.0	250	ND	102	80-120						
Matrix Spike Dup (2344113-MSD1)				Source:	E311032-0	13	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	
ı	12600 WCR 91	Project Number:	21102-0001	Reported:
ı	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.



1 of

Tetra Tech, In	c.
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901 W Wall Street, Ste 100 Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946

						Fax	(432) 6	82-39	346																				- 1
lient Name:		Targa	Site Manager:		Bri	ttany	Long														REC								7472
ject Name:		Palo Duro Gas Plant		(432) 741- brittany.lo			tech	.cor	<u>n</u>				1	1	(0	irc	ie	or	Spe	eci	fy I	viet	ino 	d N	lo.)	11			024 1
ject Location unty, state)	n:	Eddy County, NM	Project #:			212C	-MD-	-032	218																list)				7.12.
oice to:		ATTN: Targa Resources Michael Gant														Se Hg	e Hg	1						i	General Water Chemistry (see attached list)				24.71.75
eiving Labor	ratory:	Envirotech Inc.	Sampler Sign	ature:		Migue	el A.	Flo	res				B	ORO		PB	a.				32				see a				Ī
Comments:													X 8260	TPH 1X1005 (EXT to C.35) TPH 8015M (GRO - DRO - ORO.)		P	3a Cd Cr			624	8270C/625			TDS	mistry (	es			
			SAMP	LING	М	ATRIX	F		ERVATI	VE	ERS	V/N)	BTE	GRO-		Ag As Ba C	Ag As	TCLP Volatiles		3 Vol. 8260B / 624		3	os)	Sulfate	ter Che	Anion/Cation Balance			
LAB#		SAMPLE IDENTIFICATION	YEAR: 2023		H.						ITAIN	FILTERED (Y/N)	8021B	8015M (	270C		TCLP Metals	Volatile Semi V		S Vol.	Semi 8082	-	PLM (Asbestos)		al Wal	Cation			
( LAB USE )			DATE	TIME	WATER	SOIL	HCL	HNO3	핑		# CONTAINERS	FILTE	BTEX	TPH 8	PAH 8270C	Total Metals	TCLP	TCLP Volatiles	RCI	GC/MS Vol.	GC/MS Semi. Vol.	NORM	PLM (/	Chloride	Gener	Anion/			Hold
	BH-2 (8')		11/2/2023			х			x				х	x							1		Ш	Х	1	$\coprod$			
1	SW-5		11/2/2023			x			x				х	х		Ц		1			_	L	Н	х	1	Н	$\perp$		
5	SW-6		11/2/2023			x			x				x	x				1	_		_	_	Ш	x	1	Н	$\perp$	$\sqcup$	
4	SW-7		11/2/2023			х			х				х	x						Ц			Ш	х		Ц	$\perp$		
5	SW-8		11/2/2023			X			×				х	×	-	H		+			+	-	H	x	+	$\vdash$		$\vdash$	-
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			ORIGINAL	COPY										-		-		-											-

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

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

we receive	no response concerning these items within 24 nours of t	ne date of this noti	ce, un the t	samples will be une	ilyzea as requestea.	
Client:	Targa	Date Received:	11/04/23	06:00	Work Order II	D: 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)		
	Custody (COC)		•			
	e sample ID match the COC?	ah tha COC	Yes			
	e number of samples per sampling site location mat	cn the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes			
5. Were a	l samples received within holding time? Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion		Yes		<u>Comm</u>	nents/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not pro	ovided on samples or
Sample C	ooler				COC. Collectors nam	ne not on samples.
	ample cooler received?		Yes			•
	was cooler received in good condition?		Yes			
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	were custody/security seals intact?		NA			
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling	e received w/i 15	Yes			
13. If no v	risible ice, record the temperature. Actual sample	temperature: 4°C	<u> </u>			
Sample C						
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers	?	Yes			
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum info	rmation:				
	umple ID? ate/Time Collected?		Yes			
	ollectors name?		Yes No			
Sample P	reservation the COC or field labels indicate the samples were pre-	recerved?	No			
		esciveu:	NA			
	mple(s) correctly preserved? filteration required and/or requested for dissolved m	netals?	No			
		ictais:	NO			
	se Sample Matrix	0				
	the sample have more than one phase, i.e., multipha		No			
27. If yes,	does the COC specify which phase(s) is to be analy	/zed?	NA			
Subcontr	act Laboratory					
28. Are sa	mples required to get sent to a subcontract laborator	ry?	No			
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab	o: N/A	
Client In	struction					

Date

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



# 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



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**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 < <u>Crystal.Weaver@state.nm.us</u>>; Groves, Amber < <u>agroves@slo.state.nm.us</u>>

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



326 W. Quay

Artesia, NM Office: (575) 810-6021 | Cell: (575) 513-8988 <u>Kegan@agaveenergy.com</u> | <u>www.lucid-energy.com</u>

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### **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-4175Attachments: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



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	Туре	Type Description	Location	County Name	Open I 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	ТВ	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)	-21-195-	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 Resources 3100 McKinnon St. #800 Dallas, TX 75201 +1 (314) 330 7876 Cell mgant@targaresources.com

### https://www.targaresources.com/

From: Hall, Brittany, EMNRD < <a href="mailto:Brittany.Hall@emnrd.nm.gov">Brittany.Hall@emnrd.nm.gov</a>>

**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	Туре	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	ТВ	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	Active	State	CS	Compressor	C-09-	Eddy	NAB1714639317
		Compressor				Station -	25S-27E	(15)	
		Station				(CS)			
fAB1710852858	Artesia	Palo Duro	Active	State	PLG	Pipeline -	I-35-	Eddy	NAB1710853071
		Gas Plant				Gas - (PLG)	23S-27E	(15)	
fAB1704752226	Artesia	Pauline 8"	Active	Federal	PLG	Pipeline -	D-28-	Eddy	
		Poly line				Gas - (PLG)	23S-31E	(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 < <u>Brittany.Hall@emnrd.nm.gov</u>> **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 | <u>Jocelyn.Harimon@emnrd.nm.gov</u>

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. < <a href="mailto:chigginbotham@targaresources.com">chigginbotham@targaresources.com</a>>

Subject: [EXTERNAL] NAB1714639317 Extension Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

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/

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### **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

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

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 III

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 299802

### **QUESTIONS**

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	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	or the volumes provided should be attached to the follow-up C-141 submission				
Crude Oil Released (bbls) Details	Not answered.				
Produced Water Released (bbls) Details	Not answered.				
Is the concentration of chloride in the produced water >10,000 mg/l	No				
Condensate Released (bbls) Details	Cause: Equipment Failure   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.				

District I
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Phone: (575) 393-6161 Fax: (575) 393-0720 District II

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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

QUESTIONS, Page 2

Action 299802

Phone: (505) 476-3470 Fax: (505) 476-3462	,	
QUEST	IONS (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 second content of the con	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.	
	ilation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o sted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface rt does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: Michael Gant Title: Senior Environmental Specialist	

Email: mgant@targaresources.com

Date: 01/04/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 3

Action 299802

### **QUESTIONS** (continued)

Operator:	OGRID:	
Targa Northern Delaware, LLC.	331548	
110 W. 7th Street, Suite 2300	Action Number:	
Tulsa, OK 74119	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 p	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 cor	ntamination 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 delineate	ed Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for ea	ach, 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 which includes the anticipated timelines for beginning and completing the remediation	s completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, 1.
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 remediate	ed 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 calcu	lation 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 ac	djusted 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.

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 **District II** 

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 **District III** 

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV** 

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

QUESTIONS, Page 4

Action 299802

**QUESTIONS** (continued)

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 5

Action 299802

**QUESTIONS** (continued)

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

**District I** 

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

QUESTIONS, Page 6

Action 299802

### **QUESTIONS** (continued)

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

Name: Michael Gant
Title: Senior Environmental Specialist
Email: mgant@targaresources.com
Date: 01/04/2024

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

QUESTIONS, Page 7

Action 299802

**QUESTIONS** (continued)

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	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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**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 299802

### **CONDITIONS**

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