

209 W. McKay Street Carlsbad, New Mexico 88220 Tel. 432-701-2159 www.ntgenvironmental.com

September 6, 2024

Mike Bratcher District Supervisor Oil Conservation Division, District 2 811 S. First Street Artesia, New Mexico 88210

Re: Deferral Request
Gaucho Unit #017H
Devon Energy Production Company
Unit P, Section 19, Township 22S, Range 34E
Site Coordinates: 32.370594, -103.501870
Lea County, New Mexico
Incident ID: nAPP2320533965

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Deferral Request for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, proposed remedial action activities, and sample analysis results for the Gaucho Unit #017H (Site). The Site is located in Unit Letter P, Section 19, of Township 22 South and Range 34 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.370594° N latitude and 103.501870° W longitude. The site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

Background

Based on the initial C-141 obtained from the NMOCD, the release was discovered on July 21, 2023. The release was due to a leak from the stuffing box resulting in the release of approximately two and three quarters (2.75) barrels (bbls) of crude oil and two and three quarters (2.75) bbls of produced water. No fluids were recovered for a net loss of two and three quarters (2.75) bbls of crude oil and two and three quarters (2.75) bbls of produced water. Upon discovery, the equipment was shut-in, and the area secured.

The release areas are shown in Figure 3.

Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there in one known water source within a ½-mile radius of the Site. CP 01990 POD 1 was drilled on March 25, 2024, to a reported depth of 60 feet (ft) below ground surface (bgs) with no groundwater encountered. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the

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site is located within a Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the end of this report.

Regulatory Criteria

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from the New Mexico Administrative Code (NMCA) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low Karst	60

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12 & 19.15.29.13)

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO	TPH (GRO+MRO)	BTEX	Benzene
19.15.23.13 Remediation and Closure Criteria for Soils Impacted by a Release	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (>4 Feet)	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Notes: = not defined					

Site Assessment

On August 30, 2023, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Three (3) vertical delineation sample points (V-1 through V-3) were installed within the release area, while five (5) horizontal delineation sample points (H-1 through H-5) were installed adjacent to the release area in order to characterize the impacts. Soil samples were collected at half-foot (0.5) ft intervals to a maximum depth of a half-foot (0.5) bgs, due to refusal, with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil samples to prevent cross-contamination. Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to Envirotech Laboratories in Farmington, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (by EPA Method 8260B), total petroleum hydrocarbon (TPH) (by EPA method 8015 modified), and chloride (EPA 300.0/9056A). Analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the area of V-1, V-2, V-3, and H-1 to a depth of a half-foot (0.5) ft bgs.

On October 13, 2024, NTGE returned to the Site in order to complete the vertical and horizontal delineation assessment of the release. A total of three (3) vertical delineation sample points (i.e., TP-1 through TP-3) were installed within the release area and collected at one (1) ft intervals to a



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maximum depth of twelve (12) ft bgs in order to characterize the impacts. Soil samples were delivered to Envirotech Laboratories for the analysis of BTEX, TPH, and chloride. Analytical results indicated that chloride and/or TPH concentrations exceed NMOCD regulatory limits in the areas of TP-2 and TP-3 and various depths. All other delineation samples were below NMOCD regulatory limits.

Analytical results are included in Table 1, while soil boring locations are shown in Figure 3. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

Remedial Action Activities and Confirmation Sampling

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to a depth of one (1) ft bgs in the area of TP-1, five (5) ft bgs in the area of TP-2, and two (2) ft bgs in the area of TP-3.

On August 5, 2024, a total of six (6) composite confirmation samples were collected from the excavation base (i.e., CS-1 through CS-6) and twelve (12) sidewall composite confirmation samples were collected (i.e., SW-1 through SW-12) to ensure impacted soil was removed.

Analytical results indicated that multiple composite confirmation excavation base and side wall samples (i.e., CS-1, CS-3, CS-4, SW-1, SW-2, SW-3, SW-5, SW-8, and SW-9) were above NMOCD regulatory criterion for chloride and/or TPH concentrations.

As a result, Devon proceeded with the further excavation of impacted areas. On August 14, 2024, NTGE collected a total of four (4) additional confirmation samples from the excavation base (i.e., CS-1, CS-3, CS-4, and CS-7) and four (4) additional confirmation samples were collected from the excavation sidewalls (i.e., SW-1A, SW-3A, SW-5A, and SW-9A) to ensure impacted soil was removed.

Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to the lab. The confirmation samples collected represent an area no greater than 200 square feet and were analyzed for BTEX (EPA Method 8021B), TPH (EPA method 8015 modified), and chloride (method SM4500Cl-B). Laboratory reports containing analytical methods and chain-of-custody documents are attached.

Analytical results indicated all samples were below NMOCD regulatory criterion for the Site with the exception of SW-2 and SW-8. The final excavation extent and confirmation sample locations are shown in Figure 4. Analytical results of the confirmation samples are included in Table 2.

Deferral Request

Devon personnel have expressed that the excavation (SW-2 and SW-8) cannot be expanded horizontally due to the presence of facility infrastructure (i.e., pumping unit) around the excavation and the associated safety concerns in further encroaching the infrastructure. The infrastructure in and around the excavation is shown on Figure 5. On behalf of Devon, NTG Environmental formally requests a deferral to address the remaining soil impacts) at the time of facility decommissioning or in the event infrastructure modifications are made in the area that would alleviate the safety concerns, whichever is sooner. Should the deferral request be granted, a remedial action report documenting excavation expansion and confirmation sampling activities will be prepared and filed following completion of the further actions to be completed at a future date.

A NTG

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If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely, NTG Environmental

Colles

Ethan Sessums Project Manager

Attachments:

Site Characterization Information

Tables **Figures**

Photographic Log

Laboratory Reports and Chain-of-Custody

TABLES

Table 1 Summary of Soil Analytical Data - Initial Assessment Samples Gaucho Unit #017H **Devon Energy Production Company** Lea Co., NM

								TPH					
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	Total GRO/DRO/MRO	Chloride
Sample ID	Sample Date	Depth						(C6-C10)	(C10-C28)	(C6-C28)	(C28-C35)	(C6-C35)	
54p.c.12	Sumple Bute	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
						Table		ia for Soil 51 -100		roundwater 19.15.29			
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
	I			1			cal Delineation		ı	1	1		
V-1	08/30/23	0-6"	<0.0250	0.293	1.05	4.11	5.453	56.9	10,100	10,156.9	3,790	13,946.9	9,090
V-2	08/30/23	0-6"	<0.0250	<0.0250	<0.0250	0.113	0.113	<20.0	2,460	2,460	1,240	3,700	8,400
V-3	08/30/23	0-6"	<0.0250	0.0470	0.225	2.09	3.222	61.2	9,780	9,841.2	3,540	13,381.2	8,350
Horizontal Delineation Samples													
H-1	08/30/23	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	2,980
H-2	08/30/23	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	159
H-3	08/30/23	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	46.8
H-4	08/30/23	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	122
H-5	08/30/23	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	161
						Test F	Pit Delineation	Samples					
	10/13/2023	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	77.4
TP-1	10/13/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	256
11-1	10/13/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	257
	10/13/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	46
	10/13/2023	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	1,030	1,030	673	1,703	2,840
	10/13/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	1,750	1,750	1,020	2,770	1,120
	10/13/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	331	331	186	517	308
	10/13/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	81.1
	10/13/2023	5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
TP-2	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	0.112	<20.0	941	941	447	1388	669
	10/13/2023	7'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	577
	10/13/2023	8'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	42.8	42.8	<50.0	42.8	1,010
	10/13/2023	9'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	2,150
	10/13/2023	11'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	84.5
	10/13/2023	12'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	169
	10/13/2023	1'	<0.0250	<0.0250	<0.0250	<0.0250	0.109	<20.0	224	224	73.9	297.9	233
TD 0	10/13/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
TP-3	10/13/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	10/13/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0

1. Values reported in mg/kg

2.< = Value Less Than Reporting Limit (RL)

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

Table 2 Summary of Soil Analytical Data - Confirmation Samples Gaucho Unit #017H Devon Energy Production Company Lea Co., NM

										TPH			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	Total GRO/DRO/MRO	Chloride
Sample ID	Sample Date	Depth						(C6-C10)	(C10-C28)	(C6-C28)	(C28-C35)	(C6-C35)	
	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
						Table	I Closure Criteri	a for Soil 51 -100	feet Depth to Gr	oundwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg		-	1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
							al Delineation S						
CS-1	08/05/24	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,130	1,130	498	1,628	736
	08/14/24	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.0	11.0	<10.0	11.0	80.0
CS-2	08/05/24	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	33.1	33.1	<10.0	33.1	176
CS-3	08/05/24	4 <u>'</u>	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	198	198	57.0	255	640
	08/14/24	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.1	15.1	<10.0	15.1	80.0
CS-4	08/05/24	4 <u>'</u>	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	59.8	59.8	<10.0	59.8	784
C5 4	08/14/24	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.2	15.2	<10.0	15.2	96.0
CS-5	08/05/24	2'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	18.6	18.6	<10.0	18.6	224
CS-6	08/05/24	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	85.5	85.5	<10.0	85.5	496
CS-7	08/14/24	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.2	15.2	<10.0	15.2	128
						Horizo	ntal Delineation	Samples					
SW-1	08/05/24	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,260	1,260	590	1,850	368
SW-1A	08/14/24	0-1.5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	13.0	13.0	<10.0	13.0	80.0
SW-2	08/05/24	0-1'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	259	259	141	400	668
SW-3	08/05/24	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	109	109	30.7	139.7	192
SW-3A	08/14/24	0-1'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	13.5	13.5	<10.0	13.5	96.0
SW-4	08/05/24	0-1'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-5	08/05/24	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	236	236	89.7	325.7	960
SW-5A	08/14/24	0-1'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	19.9	19.9	<10.0	19.9	80.0
SW-6	08/05/24	1-5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-7	08/05/24	0-5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW-8	08/05/24	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<50.0	16,000	16,000	4,770	20,770	720
SW-9	08/05/24	2 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8 32
SW-9A	08/14/24	2-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.0	16.0	<10.0	16.0	96.0
SW-10	08/05/24	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-11	08/05/24	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-12	08/05/24	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160

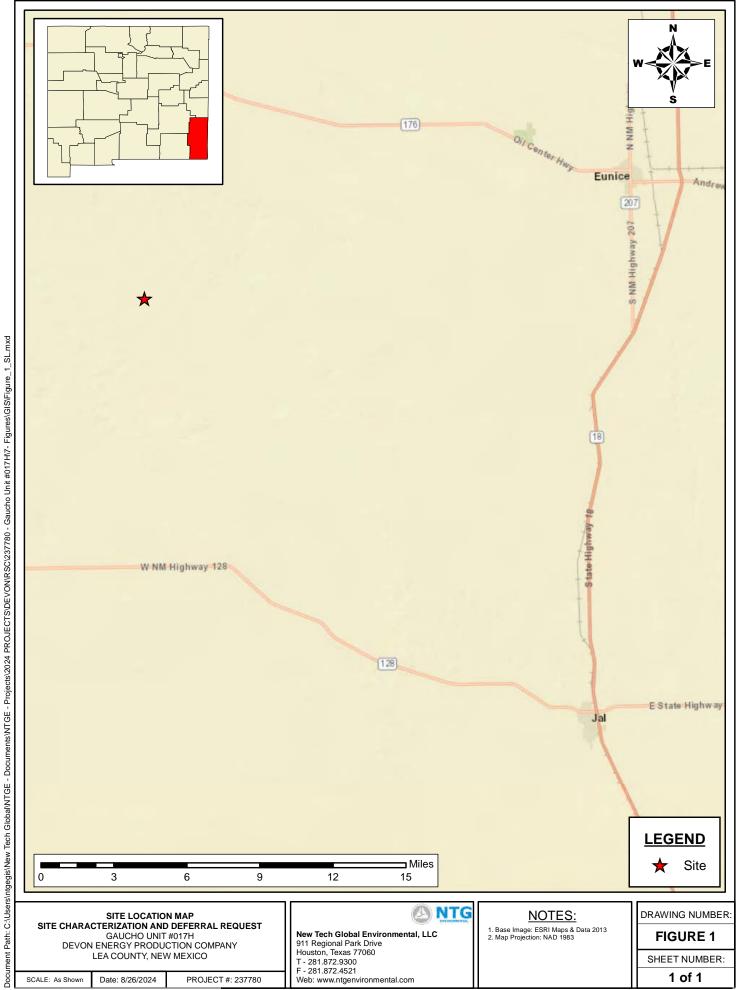
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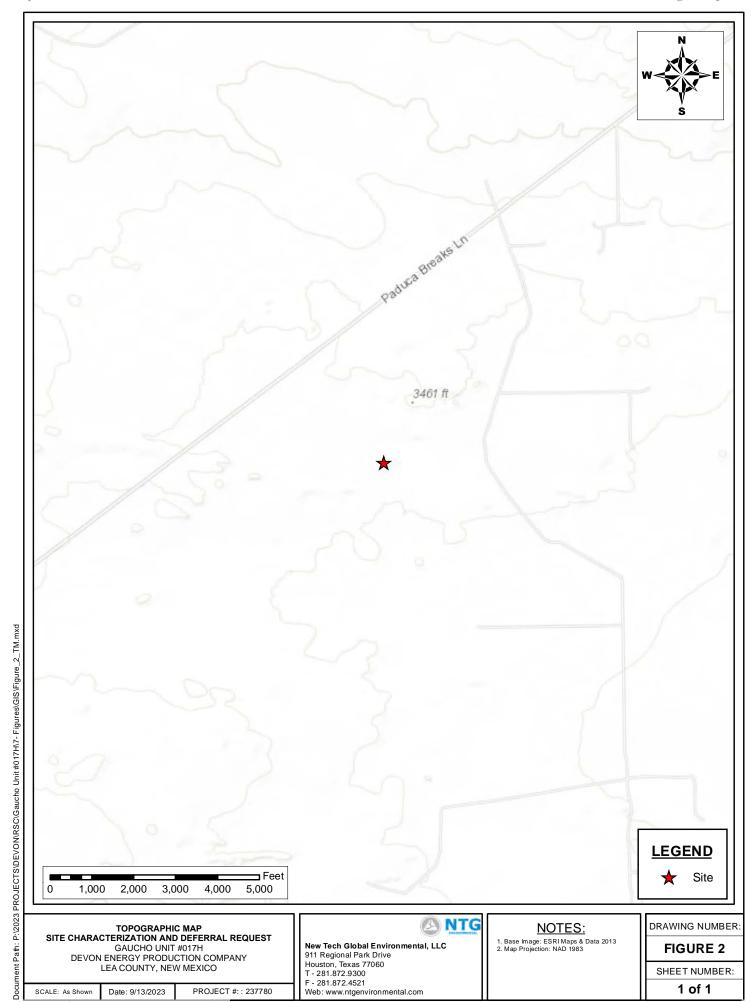
- 1. Values reported in mg/kg
- 2.< = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
 - 4. BTEX analyses by EPA Method SW 8021B

 SP-1

 Sample Point Excavated
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
- 9. --- Not Analyzed

FIGURES





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1 of 1



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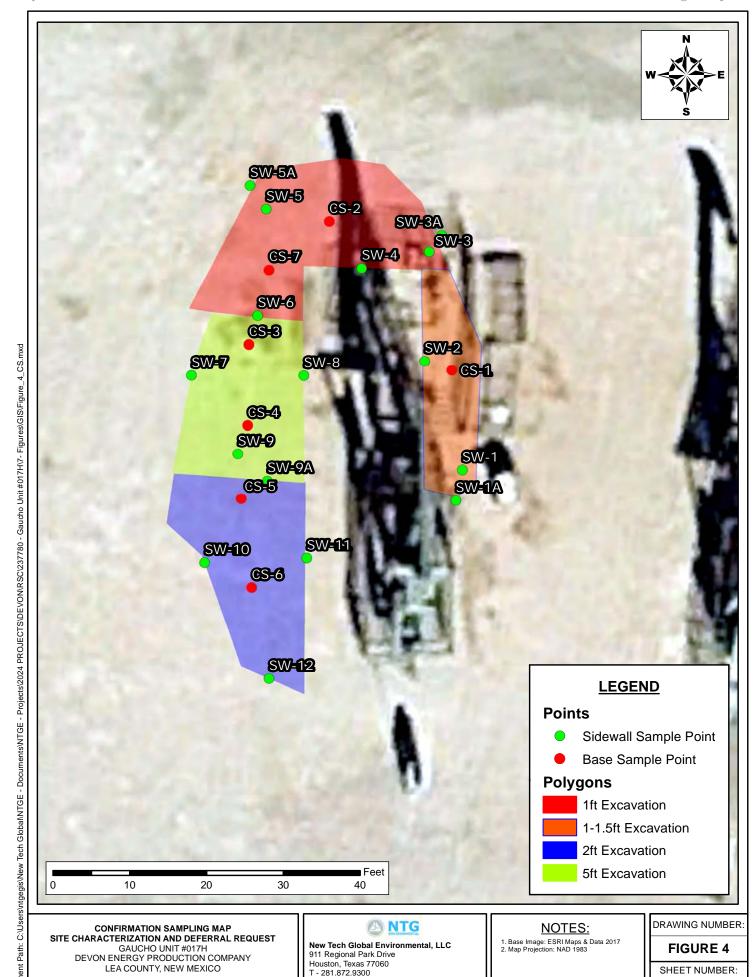
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DATE: 11/06/2023 Released to Imaging: 11/14/2024 7:21:02 AM

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1 of 1



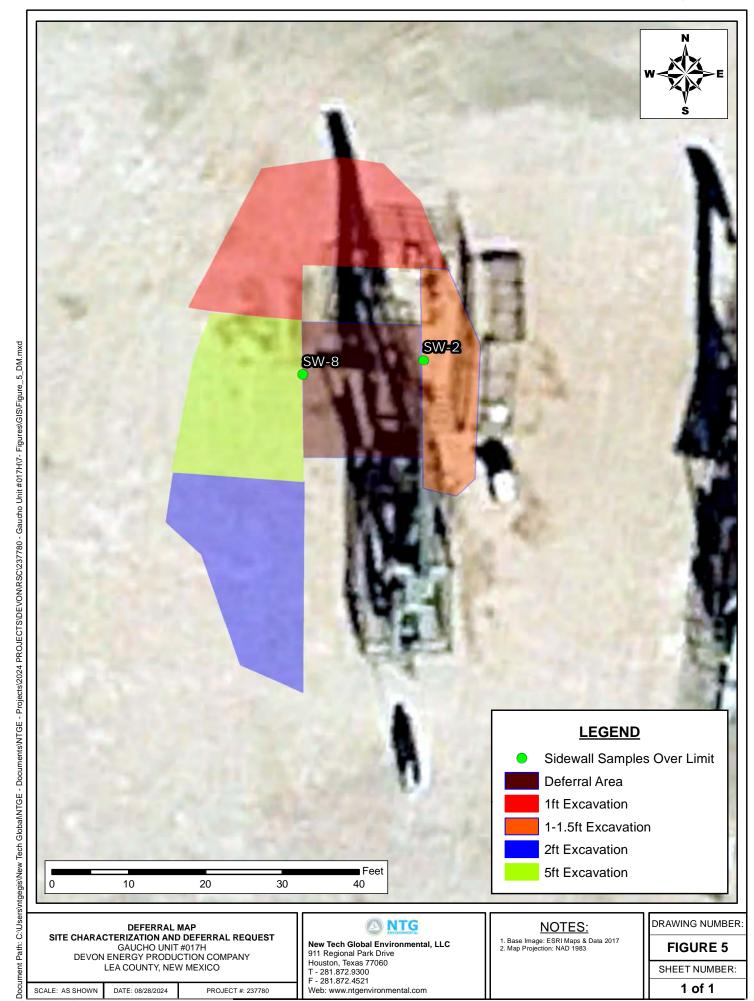
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PROJECT #: 237780

1 of 1



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PROJECT #: 237780

SCALE: AS SHOWN



NMOCD Closure Criteria

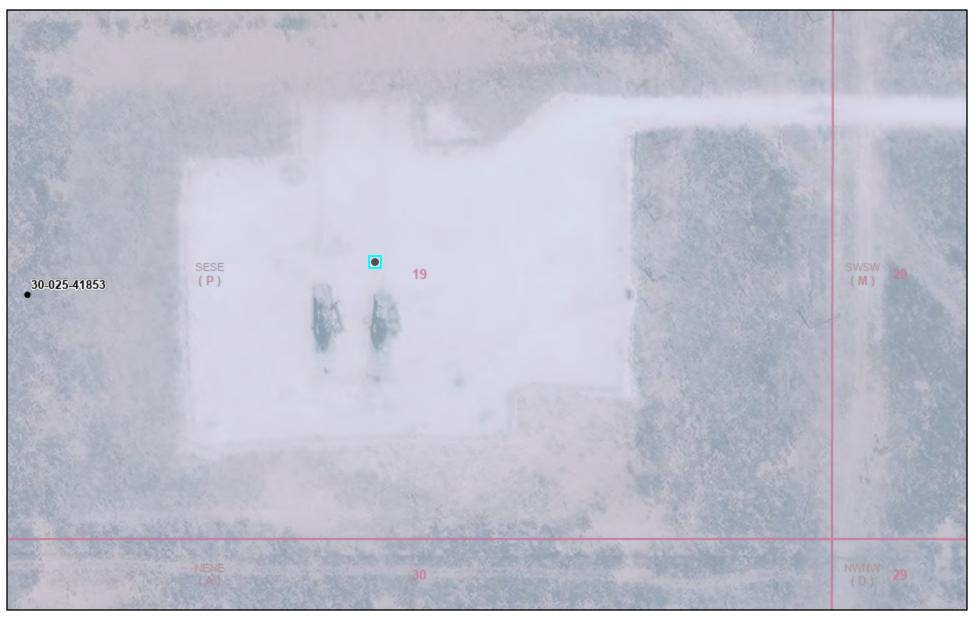
Gaucho Unit 17H

Site Information (19.15.29.11.A (2,3, & 4) NMAC)	Source/Notes	
Depth to Groundwater (ft bgs)	60	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	Office of the State Engineer (OSE)
Horizontal Distance to Nearest Significant Watercourse (ft)	N/A	United States Geological Survey (USGS)

Closure Criteria (19.1	15.29.12.B(4) a	nd Table 1 NM	AC)							
Depth to Groundwater (ft)			Closure Criteria (mg/kg)							
Deptil to Groundwater (it)		Chloride*	TPH	GRO + DRO	BTEX	Benzene				
< 50		600	100		50	10				
51 - 100	X	10,000	2,500	1,000	50	10				
>100		20,000	2,500	1,000	50	10				
Surface Water	Yes/No			in yes, then						
<300 ft from a continuously flowing watercourse or other significant watercourse?	No									
<200 ft from a lakebed, sinkhole, or playa lake?	No									
Water Well or Water Source										
<500 ft from a spring or a private, domestic fresh waster well used by less that 5 households for domestic or livestock purposes?	No									
<1,000 ft from a fresh water well or spring?	No	1								
Sensitive and Other Area		600	100		50	10				
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No]								
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No									
<100 ft from a wetland?	No									
Within an area overlying a subsurface mine?	No									
Within and unstable area?	No									
Within a 100 yr floodplain?	No									

^{* -} numerical limit or background, whichever is greater

Karst Potential

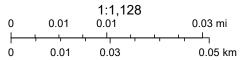


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Oil, Active

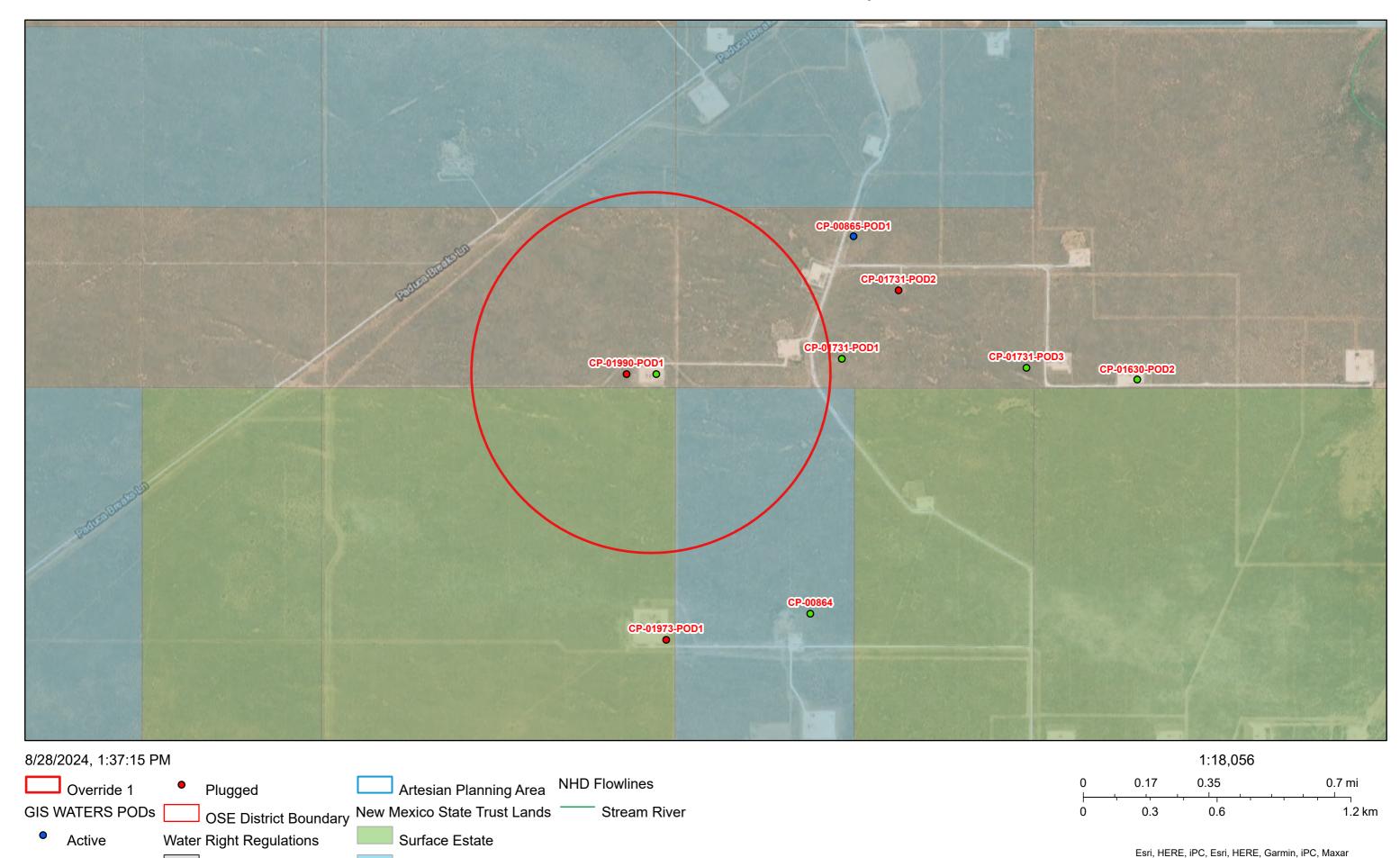


Wells - Large Scale Karst Occurrence Potential PLSS Second Division **PLSS First Division**



BLM, OCD, New Mexico Tech, Maxar, Microsoft, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., OCD,

OSE POD Location Map



Closure Area

Both Estates

Pending



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

 NA
 CP 01990 POD1
 3 4 4 19 22S 34E

X Y 640840 3582490

Driller License: 1833 Driller Company: VISION RESOURCES, INC

Driller Name: JASON MALEY

Drill Start Date: 03/25/2024 **Drill Finish Date:** 03/25/2024 **Plug Date:** 03/28/2024

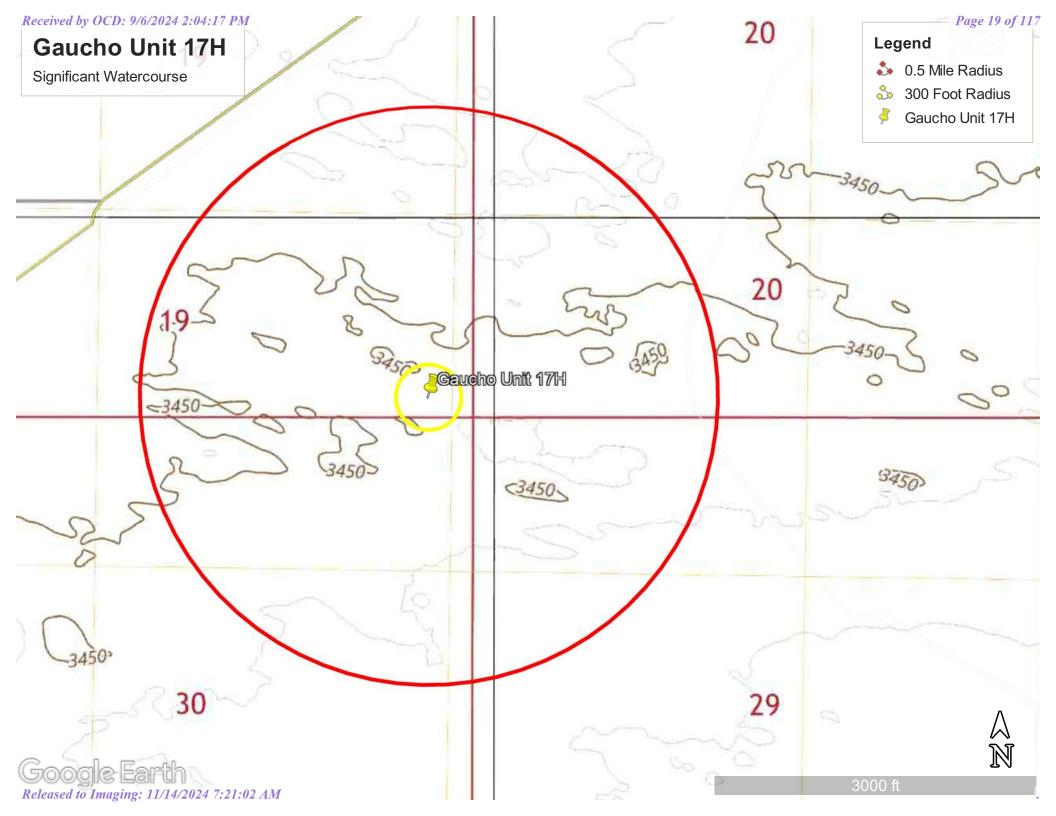
Log File Date: 04/17/2024 **PCW Rcv Date: Source:**

Pump Type:Pipe Discharge Size:Estimated Yield:Casing Size:Depth Well:60 feetDepth Water:

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.

5/6/24 1:21 PM

POINT OF DIVERSION SUMMARY



Received by OCD: 9/6/2024 2:04:17 PM National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X

OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD

NO SCREEN Area of Minimal Flood Hazard Zone X

Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D

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

> 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** ----- Base Flood Elevation Line (BFE)

Limit of Study **Jurisdiction Boundary** — --- Coastal Transect Baseline OTHER **Profile Baseline**

FEATURES Hydrographic Feature

Digital Data Available No Digital Data Available

MAP PANELS Unmapped

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/11/2023 at 11:18 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





Gaucho Unit 17H



August 11, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

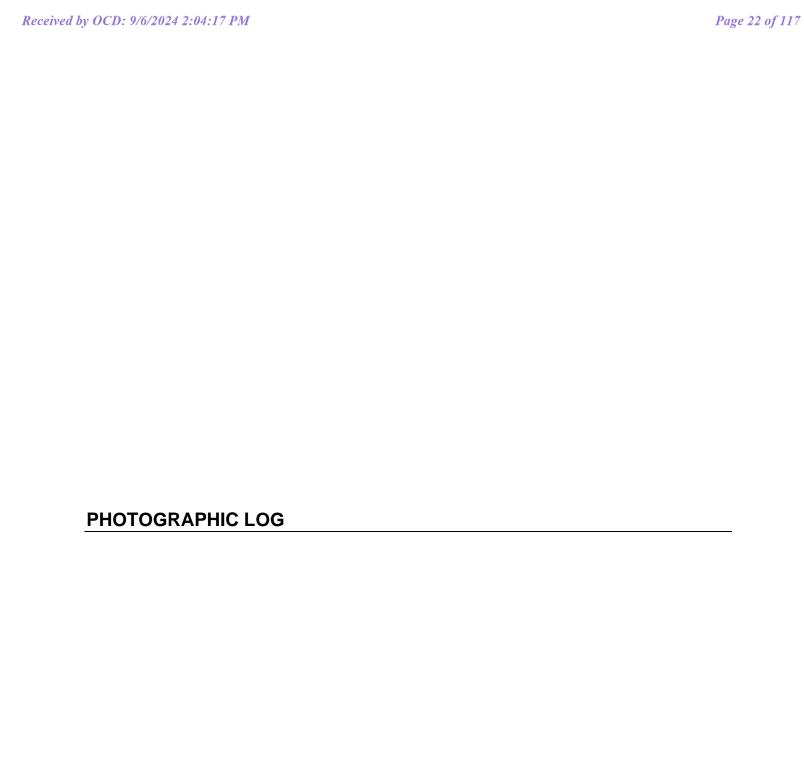
Freshwater Pond

Lake

Other

Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 1

Facility:

Gaucho Unit #017H

County:

Lea County, New Mexico

Description:

View of the release.



Photograph No. 2

Facility:

Gaucho Unit #017H

County:

Lea County, New Mexico

Description:

View of the release.



Photograph No. 3

Facility:

Gaucho Unit #017H

County:

Lea County, New Mexico

Description:

View of the release.



NTGE Project No. 227780

Prepared by:

PHOTOGRAPHIC LOG

Devon Energy Production Company Gaucho Unit #017H

Photograph No. 4

Facility: Gaucho Unit #017H

County: Lea County, New Mexico

Description: Area of Excavation.



Photograph No. 5

Facility: Gaucho Unit #017H

County: Lea County, New Mexico

Description:Area of Excavation.



Photograph No. 6

Facility: Gaucho Unit #017H

County: Lea County, New Mexico

Description: Area of Excavation.



PHOTOGRAPHIC LOG

Devon Energy Production Company Gaucho Unit #017H

Photograph No. 7

Facility: Gaucho Unit #017H

County: Lea County, New Mexico

Description: Area of Excavation.



Photograph No. 8

Facility: Gaucho Unit #017H

County: Lea County, New Mexico

Description: Area of Excavation.



Photograph No. 9

Facility: Gaucho Unit #017H

County: Lea County, New Mexico

Description: Area of Excavation.



Received by OCD: 9/6/2024 2:04:17 PM	Page 26 of 117
LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS	
LABORATORT REPORTS AND CHAIN-OF-COSTODT DOCUMENTS	

Report to:
Ethan Sessums



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Gaucho Unit #017H

Work Order: E308243

Job Number: 21106-0001

Received: 9/1/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/7/23

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: 9/7/23

Ethan Sessums 911 Regional Park Dr. Houston, TX 77060

Project Name: Gaucho Unit #017H

Workorder: E308243

Date Received: 9/1/2023 5:45:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/1/2023 5:45:00AM, under the Project Name: Gaucho Unit #017H.

The analytical test results summarized in this report with the Project Name: Gaucho Unit #017H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Cell: 775-287-1762

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Sample Summary

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	Donoutoda
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	09/07/23 13:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-1 0-6"	E308243-01A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
V-2 0-6"	E308243-02A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
V-3 0-6"	E308243-03A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
H-1 0-6"	E308243-04A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
H-2 0-6"	E308243-05A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
H-3 0-6"	E308243-06A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
H-4 0-6"	E308243-07A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
H-5 0-6"	E308243-08A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/7/2023 1:56:49PM

V-1 0-6" E308243-01

		200210 01					
		Reporting					
Analyte	Result	Limit	Dili	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg		Analyst:	IY		Batch: 2335105
Benzene	ND	0.0250		1	09/01/23	09/05/23	
Ethylbenzene	1.05	0.0250		1	09/01/23	09/05/23	
Toluene	0.293	0.0250		1	09/01/23	09/05/23	
o-Xylene	1.48	0.0250		1	09/01/23	09/05/23	
p,m-Xylene	2.62	0.0500		1	09/01/23	09/05/23	
Total Xylenes	4.11	0.0250		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		124 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		114 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	56.9	20.0		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		124 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		114 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2336035
Diesel Range Organics (C10-C28)	10100	50.0		2	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	3790	100	:	2	09/06/23	09/07/23	
Surrogate: n-Nonane		126 %	50-200		09/06/23	09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2336050
Chloride	9090	200	1	10	09/06/23	09/06/23	_



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/7/2023 1:56:49PM

V-2 0-6" E308243-02

		2000210 02				
Analyte	Result	Reporting Limit	Dilut	tion Prepar	ed Analyzed	Notes
				Analyst: IY	eu maryzeu	Batch: 2335105
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		•	22 00/05/22	Batcn: 2555105
Benzene	ND	0.0250	1	09/01/2		
Ethylbenzene	ND	0.0250	1	09/01/2		
Toluene	ND	0.0250	1	09/01/2		
o-Xylene	0.0450	0.0250	1	09/01/2		
p,m-Xylene	0.0675	0.0500	1	09/01/2		
Total Xylenes	0.113	0.0250	1	09/01/2	23 09/05/23	
Surrogate: Bromofluorobenzene		112 %	70-130	09/01/2	23 09/05/23	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	09/01/2	23 09/05/23	
Surrogate: Toluene-d8		114 %	70-130	09/01/2	23 09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/2	23 09/05/23	
Surrogate: Bromofluorobenzene		112 %	70-130	09/01/2	23 09/05/23	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	09/01/	23 09/05/23	
Surrogate: Toluene-d8		114 %	70-130	09/01/2	23 09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2336035
Diesel Range Organics (C10-C28)	2460	50.0	2	09/06/2	23 09/07/23	
Oil Range Organics (C28-C36)	1240	100	2	09/06/2	23 09/07/23	
Surrogate: n-Nonane		98.1 %	50-200	09/06/2	23 09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2336050
Chloride	8400	200	10	09/06/2	23 09/06/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/7/2023 1:56:49PM

V-3 0-6"

		E308243-03					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2335105
Benzene	ND	0.0250		1	09/01/23	09/05/23	
Ethylbenzene	0.225	0.0250		1	09/01/23	09/05/23	
Toluene	0.0470	0.0250		1	09/01/23	09/05/23	
o-Xylene	0.845	0.0250		1	09/01/23	09/05/23	
p,m-Xylene	1.25	0.0500		1	09/01/23	09/05/23	
Total Xylenes	2.09	0.0250		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		113 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		114 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	61.2	20.0		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		113 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		114 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2336035
Diesel Range Organics (C10-C28)	9780	50.0		2	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	3540	100		2	09/06/23	09/07/23	
Surrogate: n-Nonane		103 %	50-200		09/06/23	09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2336050
Chloride	8350	200		10	09/06/23	09/06/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/7/2023 1:56:49PM

H-1 0-6" E308243-04

		E300243-04					
		Reporting					
Analyte	Result	Limit	Dilut	tion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2335105
Benzene	ND	0.0250	1	09/0	1/23	09/05/23	
Ethylbenzene	ND	0.0250	1	09/0	1/23	09/05/23	
Toluene	ND	0.0250	1	09/0	1/23	09/05/23	
o-Xylene	ND	0.0250	1	09/0	1/23	09/05/23	
p,m-Xylene	ND	0.0500	1	09/0	1/23	09/05/23	
Total Xylenes	ND	0.0250	1	09/0	1/23	09/05/23	
Surrogate: Bromofluorobenzene		95.2 %	70-130	09/0	1/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	09/0	1/23	09/05/23	
Surrogate: Toluene-d8		112 %	70-130	09/0	1/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/0	1/23	09/05/23	
Surrogate: Bromofluorobenzene		95.2 %	70-130	09/0	1/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	09/0	1/23	09/05/23	
Surrogate: Toluene-d8		112 %	70-130	09/0	1/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM			Batch: 2336035
Diesel Range Organics (C10-C28)	ND	25.0	1	09/0	6/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/0	6/23	09/07/23	
Surrogate: n-Nonane		99.3 %	50-200	09/0	06/23	09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA			Batch: 2336050
Chloride	2980	40.0	2	09/0	6/23	09/06/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/7/2023 1:56:49PM

H-2 0-6" E308243-05

		E300243-03					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Analyte	Result	Liinit	Dilu	HIOH	rrepareu	Anaryzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335105
Benzene	ND	0.0250	1	1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/05/23	
Toluene	ND	0.0250	1	1	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		118 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		110 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		118 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		110 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2336035
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/06/23	09/07/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/06/23	09/07/23	
Surrogate: n-Nonane		103 %	50-200		09/06/23	09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2336050
Chloride	159	20.0	1	1	09/06/23	09/06/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/7/2023 1:56:49PM

H-3 0-6" E308243-06

		E500245-00				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Allarytt	Result	Limit		1	Allalyzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2335105
Benzene	ND	0.0250	1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/05/23	
Toluene	ND	0.0250	1	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		123 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		112 %	70-130	09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		123 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		112 %	70-130	09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2336035
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/23	09/07/23	
Surrogate: n-Nonane		100 %	50-200	09/06/23	09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: BA		Batch: 2336050
Chloride	46.8	20.0	1	09/06/23	09/06/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/7/2023 1:56:49PM

H-4 0-6''

		E308243-07					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2335105
Benzene	ND	0.0250	1	1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/05/23	
Toluene	ND	0.0250	1	1	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	l	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		119 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		119 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	XM.		Batch: 2336035
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/06/23	09/07/23	
Surrogate: n-Nonane		101 %	50-200		09/06/23	09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: B	BA		Batch: 2336050
Chloride	122	20.0	1	1	09/06/23	09/06/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/7/2023 1:56:49PM

H-5 0-6" E308243-08

		E300243-00					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dill	шиоп	Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335105
Benzene	ND	0.0250		1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/05/23	
Toluene	ND	0.0250		1	09/01/23	09/05/23	
o-Xylene	ND	0.0250		1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		120 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		120 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2336035
Diesel Range Organics (C10-C28)	ND	25.0		1	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	<u> </u>	1	09/06/23	09/07/23	
Surrogate: n-Nonane		99.6 %	50-200		09/06/23	09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2336050
Chloride	161	20.0		1	09/06/23	09/06/23	



Gaucho Unit #017H NTG-New Tech Global Environmental Project Name: Reported: Project Number: 911 Regional Park Dr. 21106-0001 Houston TX, 77060 Project Manager: Ethan Sessums 9/7/2023 1:56:49PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2335105-BLK1) Prepared: 09/01/23 Analyzed: 09/05/23 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 0.601 0.500 120 70-130 Surrogate: 1,2-Dichloroethane-d4 0.482 0.500 96.4 70-130 0.500 113 70-130 Surrogate: Toluene-d8 0.564 LCS (2335105-BS1) Prepared: 09/01/23 Analyzed: 09/05/23 2.55 0.0250 2.50 102 70-130 Benzene 2.59 2.50 104 70-130 Ethylbenzene 0.0250 2.64 0.0250 2.50 106 70-130 70-130 2.78 0.0250 2.50 111 o-Xylene 5.53 5.00 111 70-130 p,m-Xylene 0.0500 8.31 0.0250 7.50 111 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.604 0.500 70-130 0.500 96.4 70-130 Surrogate: 1,2-Dichloroethane-d4 0.482 70-130 Surrogate: Toluene-d8 0.549 0.500 Matrix Spike (2335105-MS1) Source: E308243-07 Prepared: 09/01/23 Analyzed: 09/05/23 2.35 0.0250 2.50 ND 94.1 48-131 45-135 Ethylbenzene 2.42 0.0250 2.50 ND 96.6 97.5 48-130 Toluene 2.44 0.0250 2.50 ND 2.56 0.0250 2.50 ND 102 43-135 o-Xylene ND 102 43-135 p,m-Xylene 5.12 0.0500 5.00 Total Xylenes 7.68 0.0250 7.50 ND 102 43-135 Surrogate: Bromofluorobenzene 0.603 0.500 121 70-130 0.500 97.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.489 0.500 70-130 0.557 Surrogate: Toluene-d8 Matrix Spike Dup (2335105-MSD1) Source: E308243-07 Prepared: 09/01/23 Analyzed: 09/05/23 2.52 0.0250 2.50 ND 101 48-131 7.06 23 2.60 0.0250 2.50 ND 45-135 7.55 27 Ethylbenzene ND 48-130 7.92 24 2.64 2.50 106 Toluene 0.0250 o-Xylene 2.80 0.0250 2.50 ND 112 43-135 9.09 27 5.00 ND 113 43-135 9.52 27 5.63 0.0500 p,m-Xylene 27 8.43 0.0250 7.50 ND 112 43-135 9.38 Total Xylenes Surrogate: Bromofluorobenzene 0.611 0.500 122 70-130 0.500 98.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.494 Surrogate: Toluene-d8 0.553 0.500 111 70-130



NTG-New Tech Global Environmental Project Name: Gaucho Unit #017H Regional Park Dr. Project Number: 21106-0001
Houston TX, 77060 Project Manager: Ethan Sessums 9/7/2023 1:56:49PM

	Nonhalogenated Organics by EPA 8015D - GRO										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		

Anaryte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335105-BLK1)							Prepared: 09	9/01/23 Anal	yzed: 09/05/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.601		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.564		0.500		113	70-130			
LCS (2335105-BS2)							Prepared: 09	9/01/23 Anal	yzed: 09/05/23
Gasoline Range Organics (C6-C10)	55.5	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	0.608		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.567		0.500		113	70-130			
Matrix Spike (2335105-MS2)				Source:	E308243-0	07	Prepared: 09	9/01/23 Anal	yzed: 09/05/23
Gasoline Range Organics (C6-C10)	57.4	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	0.618		0.500		124	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.564		0.500		113	70-130			
							D 1. 00)/01/22 Amal	1. 00/05/22
Matrix Spike Dup (2335105-MSD2)				Source:	E308243-0	07	Prepared: 0	9/01/25 Aliai	yzed: 09/05/23
Matrix Spike Dup (2335105-MSD2) Gasoline Range Organics (C6-C10)	56.0	20.0	50.0	Source:	E308243-0	70-130	2.35	20 20	yzed: 09/05/23
	56.0 0.603	20.0	50.0 0.500						yzed: 09/03/23
Gasoline Range Organics (C6-C10)		20.0			112	70-130			yzed: 09/03/23



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	Reported:
911 Regional Park Dr.	Project Number:	21106-0001	
Houston TX, 77060	Project Manager:	Ethan Sessums	9/7/2023 1:56:49PM

Houston TX, 77060		Project Manage	r: Eti	han Sessums					9/7/2023 1:56:49PM
	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 (2336035-BLK1)							Prepared: 0	9/06/23 A	analyzed: 09/06/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.5		50.0		105	50-200			
LCS (2336035-BS1)							Prepared: 0	9/06/23 A	analyzed: 09/06/23
Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	51.0		50.0		102	50-200			
Matrix Spike (2336035-MS1)				Source:	E309029-	21	Prepared: 0	9/06/23 A	analyzed: 09/06/23
Diesel Range Organics (C10-C28)	286	25.0	250	37.3	99.7	38-132			
Surrogate: n-Nonane	50.4		50.0		101	50-200			
Matrix Spike Dup (2336035-MSD1)				Source:	E309029-	21	Prepared: 0	9/06/23 A	analyzed: 09/06/23
Diesel Range Organics (C10-C28)	284	25.0	250	37.3	98.6	38-132	0.954	20	
Surrogate: n-Nonane	51.3		50.0		103	50-200			



NTG-New Tech Global Environmental		Project Name:	(aucho Unit #0	17H				Re	ported:
911 Regional Park Dr.		Project Number:	2	1106-0001						
Houston TX, 77060		Project Manager:	E	than Sessums					9/7/2023	1:56:49PM
		Anions	by EPA	300.0/9056 <i>A</i>	١				Analy	st: 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 (2336050-BLK1)							Prepared: 0	9/06/23	Analyzed:	09/06/23
Chloride	ND	20.0								
LCS (2336050-BS1)							Prepared: 0	9/06/23	Analyzed:	09/06/23
Chloride	256	20.0	250		103	90-110				
Matrix Spike (2336050-MS1)				Source:	E308243-)1	Prepared: 0	9/06/23	Analyzed:	09/06/23
Chloride	7460	200	250	9090	NR	80-120				M4
Matrix Spike Dup (2336050-MSD1)				Source:	E308243-	01	Prepared: 0	9/06/23	Analyzed:	09/06/23
Chloride	9740	200	250	9090	262	80-120	26.6	20		M4, R2

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	NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
l	911 Regional Park Dr.	Project Number:	21106-0001	Reported:
l	Houston TX, 77060	Project Manager:	Ethan Sessums	09/07/23 13:56

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The

associated LCS spike recovery was acceptable.

R2 The RPD exceeded the acceptance limit.

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.





Work Order No: <u>E.308243</u> JOD # 211010-0001

Project Manager:	Ethan Sessun	ns			Bill to: (if	different)		Ethai	n Ses	sums						Work Order Comments						
Company Name:	NTG Environr	nental			Company	Name:		NTG	Envir	onmer	ital			P	Program: UST/PST ☐PRP ☐Brownfields ☐RRC ☐uperfund ☐ State of Project:							
Address:	209 W McKay	St			Address:			209 \	N Mc	Kay St				s	tate of I	Project:						
City, State ZIP:	Carlsbad, NM	88220			City, Stat	te ZIP:		Carls	bad,	NM 88	220			R	eporting	Level II	Level III	□ s	T/UST [TRRP [Level IV		
Phone:	(432) 701-215	9		Email	Esessur	ms@ntg	lobal.com	n						D	eliverab	es: EDD		ADaF	Other:			
Project Name:	Gaud	cho Unit #017h	1	Tur	n Around							ANA	LYSIS	REQU	EST				Preservativ	e Codes		
Project Number:				✓ Routine	Rush	n	Pres. Code												None: NO D	OI Water: H ₂ O		
Project Location				Due Date:															Cool Cool N	MeOH: Me		
Sampler's Name:	J	oey Pinson		TAT starts the					MRO)				1 1					100	HCL HC F	HNO ₃ : HN		
PO #:				lab, if rece	eived by 4:3	0pm	5.0		+				1 1			M 1			H ₂ S0 ₄ : H ₂	NaOH: Na		
SAMPLE RECEI	PT Te	mp Blank:	Yes No	Wet Ice:	Yes) No	Parameters	87	8015M (GRO + DRO	4500									H ₃ PO ₄ . HP			
Received Intact:	0	es) No	Thermom	eter ID:			arai	802	9	de 4								НОГР	NaHSO ₄ NABIS			
Cooler Custody Seal		No N/A	Correctio	n Factor:			4	BTEX 8021B	(6	Chloride			1 1				4	Ĭ	Na ₂ S ₂ O ₃ , NaSO ₃			
Sample Custody Sea	als: Yes	No N/A		ture Reading:	4			ш.	15M	Ü						1 1) I	Zn Acetate+NaOH:			
Total Containers:		8	Corrected	Temperature:					Н 80										NaOH+Ascorbic Ad	cid: SAPC		
Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН										Sample Cor	mments		
V-1	0-6"	8/30/2023	11:00	Х		Grab	1	Х	X	Х								1				
V-2	0-6"	8/30/2023	11:05	Х		Grab	1	X	Х	Х								2				
V-3	0-6"	8/30/2023	11:10	Х		Grab	1	X	X	Х								3				
H-1	0-6"	8/30/2023	11:15	Х		Grab	1	X	X	Х								4				
H-2	0-6"	8/30/2023	11:20	X		Grab	1	X	X	Х								5				
H-3	0-6"	8/30/2023	11:25	X		Grab	1	Х	Х	Х								6				
H-4	0-6"	8/30/2023	11:30	X		Grab	1	X	X	Х								7				
H-5	0-6"	8/30/2023	11:35	Х		Grab	1	X	Х	Х								8				
					-																	
Additi	onal Commen	ts:																				

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 18	michely Cample	301-23 1025	Michille Consule	andrew misso	8.31.23 200
3 py see m sho	Carth Man	94/235:45	4		
5			6		

Printed: 9/1/2023 11:05:16AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

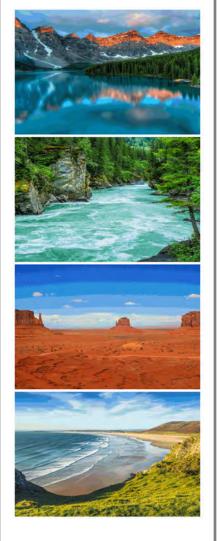
Instructions: Please take note of any NO checkmarks.

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.

Place: (281 872-900 Date Logged In:) 880 1223 14:55 Logged In By: Caitlin Mans concerning inglinelations Date Date: 980 822 17:50 16 day TAT) Logged In By: Caitlin Mans Cait	Client:	NTG-New Tech Global Environmental	Date Received:	09/01/23 05	:45		Work Order ID:	E308243
All and Castedy COC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped of Pby client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? 7. Were all samples received within holding time? 8. Were all samples received within holding time? 8. Were all samples received within holding time? 9. Were the COC complete, i.e., signatures, dates/times, requested analyses? 9. Were all samples received within holding time? 1. On the COC indicate standard TAT, or Expedited TAT? 1. On the COC indicate standard TAT, or Expedited TAT? 1. Was a sample cooler received? 1. On the COC indicate standard TAT, or Dependent Tatles and the COC indicate standard TAT, or Dependent Tatles and the COC indicate standard TAT, or Expedited TAT? 1. Was a sample cooler received in good condition? 1. Were custody/security seals intact? 1. Were for the sample received in its or required, if sumples are received will 5 minutes of sampling 1. If no visible is, excound the temperature: 4°C 1. Sample Container 1. Were find the min Sample containers? 1. Were find sample labels filled out with the minimum information Sample Container 1. Were find sample labels filled out with the minimum information Sample 10°P. 1. Data Time Collected? 2. Were field sample labels filled out with the minimum information Sample Containers 2. Dees the COC of field labels indicate the samples were preserved? 2. Are samples for field labels indicate the samples were preserved? 3. No. Sample Tip? 4. Sample Tip? 4. Sample Location required and or requested for dissolved metals? 5. No. Sample Freservation 5. No. Sample Sample Martix 5. Sample Correctly preserved? 5. No. Sample Sample Martix 5. Sample Sample Martix 5. Sample Sample Martix 5. Sample Sample Mart	Phone:	(281) 872-9300	Date Logged In:	08/31/23 14	:55		Logged In By:	Caitlin Mars
1. Does the sample ID match the COC? 2. Does the number of sampling site location match the COC 3. Were samples dropped off by elicitent or carrier? 4. Was the COC complete, i.e., signatures, datest/imes, requested analyses? 5. Were all samples received within boding time? 5. Were all samples received within boding time? 7. Was a such as pH which should be conducted in the field, is, 15 minute bod time, are not included in this discussion. Sample Tura Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security scals present? 11. If yes, were custody/security scals present? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal procreation is not required, if samples are received wit 15 minutes of sampling. 13. If no visible ice, record the temperature. Actual sample temperature: \$\frac{4}{2}C\$ Samule Conditions 14. Are aqueous VOC samples collected in VOA Vials? 15. Are VOC samples collected in VOA vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Let appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(b) correctly preserved? 23. Let lab filteration required and/or requested for dissolved metals? 24. Is lab filteration required and/or requested for dissolved metals? 25. Was a subcontract Labbratory. 26. Are sampled, between than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples captive does get ent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the clien	Email:			09/08/23 17	7:00 (4 day TAT)			
1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within boding time? 6. Does the Analysis, such as pH which should be conducted in this fiscession. Sample Turn Around Time (TAT) 6. Dod the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample (s) received intact, i.e., not broken? 10. Were custedy/security seals intac? 11. If yes, were custedy/security seals intac? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal procrawion is not required, if samples are received with 15 minoses of sampling 13. If no visible ice, record the temperature. Actual sample temperature: \$\frac{4}{2}C\$ Sample Contact of the temperature. Actual sample temperature: \$\frac{4}{2}C\$ Sample Contact of the temperature. Actual sample temperature: \$\frac{4}{2}C\$ 13. Are YOC Samples collected in VOA Vials? 14. Are aqueous VOC samples collected in the correct containers? 15. Is the head space less than 6-8 mm (pea sized or less)? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field Label. 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample/0 correctly preserved? 23. Lis lab filteration required and/or requested for dissolved metals? 24. Is lab filteration required and/or requested for dissolved metals? 25. No. Subcontract Lab brothers 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples perple have more than one phase, i.e., m								
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17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 10. Were field sample labels filled out with the minimum information: 10. Sample ID? 10. Date/Time Collected? 10. Does the COC or field labels indicate the samples were preserved? 11. Does the COC or field labels indicate the samples were preserved? 12. Are sample(s) correctly preserved? 13. Is lab filteration required and/or requested for dissolved metals? 14. Is lab filteration required and/or requested for dissolved metals? 15. Does the sample Matrix 16. Does the sample have more than one phase, i.e., multiphase? 17. If yes, does the COC specify which phase(s) is to be analyzed? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Subcontract Lab: na	15. Are V	OC samples collected in VOA Vials?		NA				
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19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Multiphase Sample Matrox 27. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No Subcontract Laboratory specified by the client and if so who? No Subcontract Lab: na		• • • • • • • • • • • • • • • • • • • •		NA				
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21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na								
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Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na				No				
28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na	27. If yes	s, does the COC specify which phase(s) is to be analyz	zed?	NA				
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na	Subconti	ract Laboratory						
	28. Are s	amples required to get sent to a subcontract laboratory	y?	No				
Client Instruction	29. Was a	a subcontract laboratory specified by the client and if	so who?	NA S	Subcontract Lab	: na		
	Client I	<u>nstruction</u>						
1								

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

Report to:
Ethan Sessums



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Gaucho Unit #017H

Work Order: E310112

Job Number: 01058-0007

Received: 10/17/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/23/23

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: 10/23/23

Ethan Sessums 911 Regional Park Dr. Houston, TX 77060

Project Name: Gaucho Unit #017H

Workorder: E310112

Date Received: 10/17/2023 8:15:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/17/2023 8:15:00AM, under the Project Name: Gaucho Unit #017H.

The analytical test results summarized in this report with the Project Name: Gaucho Unit #017H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Γ	NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	Donoutoda
ı	911 Regional Park Dr.	Project Number:	01058-0007	Reported:
l	Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/23 11:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TP-1 1	E310112-01A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-1 2	E310112-02A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-1 3	E310112-03A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-1 4	E310112-04A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 1	E310112-05A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 2	E310112-06A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 3	E310112-07A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 4	E310112-08A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 5	E310112-09A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 6	E310112-10A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 7	E310112-11A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 8	E310112-12A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 9	E310112-13A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 11	E310112-14A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 12	E310112-15A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-3 1	E310112-16A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-3 2	E310112-17A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-3 3	E310112-18A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-3 4	E310112-19A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

TP-1 1 E310112-01

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2342039
Benzene	ND	0.0250	1	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	l	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		96.3 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		97.9 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		96.3 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/17/23	10/19/23	
Surrogate: n-Nonane		54.5 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2342035
					10/17/23	10/18/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

TP-1 2 E310112-02

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
maye			Dill		•	Allalyzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2342039
Benzene	ND	0.0250		1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250		1	10/17/23	10/18/23	
Toluene	ND	0.0250		1	10/17/23	10/18/23	
o-Xylene	ND	0.0250		1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500		1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		97.4 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		95.9 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		97.4 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		95.9 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0		1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	10/17/23	10/19/23	
Surrogate: n-Nonane		63.8 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2342035
Chloride	256	20.0	•	1	10/17/23	10/18/23	

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

TP-1 3 E310112-03

		2010112 00					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dili	ution	Frepared	Allalyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2342039
Benzene	ND	0.0250		1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250		1	10/17/23	10/18/23	
Toluene	ND	0.0250		1	10/17/23	10/18/23	
o-Xylene	ND	0.0250		1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500		1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		99.9 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		95.2 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		99.9 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		95.2 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0		1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	10/17/23	10/19/23	
Surrogate: n-Nonane		65.6 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2342035
Chloride	257	20.0	_	1	10/17/23	10/18/23	
Chloride	257	20.0		1	10/17//23	10/18/23	

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

TP-1 4 E310112-04

		2010112 0.					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2342039
Benzene	ND	0.0250		1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250		1	10/17/23	10/18/23	
Toluene	ND	0.0250		1	10/17/23	10/18/23	
o-Xylene	ND	0.0250		1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500		1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		95.5 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		96.8 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		95.5 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		96.8 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0		1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	10/17/23	10/19/23	
Surrogate: n-Nonane		66.1 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2342035
Chloride	46.0	20.0		1	10/17/23	10/18/23	

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

TP-2 1 E310112-05

D. I				D 1		N.
Kesult	Limit	Dili	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	RKS		Batch: 2342039
ND	0.0250		1	10/17/23	10/18/23	
ND	0.0250		1	10/17/23	10/18/23	
ND	0.0250		1	10/17/23	10/18/23	
ND	0.0250		1	10/17/23	10/18/23	
ND	0.0500		1	10/17/23	10/18/23	
ND	0.0250		1	10/17/23	10/18/23	
	99.5 %	70-130		10/17/23	10/18/23	
	93.7 %	70-130		10/17/23	10/18/23	
	96.3 %	70-130		10/17/23	10/18/23	
mg/kg	mg/kg		Analyst:	RKS		Batch: 2342039
ND	20.0		1	10/17/23	10/18/23	
	99.5 %	70-130		10/17/23	10/18/23	
	93.7 %	70-130		10/17/23	10/18/23	
	96.3 %	70-130		10/17/23	10/18/23	
mg/kg	mg/kg		Analyst:	KM		Batch: 2342043
1030	125		5	10/17/23	10/19/23	
673	250		5	10/17/23	10/19/23	
	73.4 %	50-200	·	10/17/23	10/19/23	
mg/kg	mg/kg		Analyst:	IY		Batch: 2342035
2840	40.0		2	10/17/23	10/18/23	
	ND Mg/kg ND mg/kg 1030 673	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 99.5 % 93.7 % 96.3 % 96.3 % mg/kg mg/kg MD 20.0 99.5 % 93.7 % 96.3 % 96.3 % mg/kg mg/kg 1030 125 673 250 73.4 % mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 99.5 % 70-130 93.7 % 70-130 96.3 % 70-130 mg/kg mg/kg ND 20.0 99.5 % 70-130 93.7 % 70-130 96.3 % 70-130 mg/kg mg/kg 1030 125 673 250 73.4 % 50-200 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 0.0500 1 ND 0.0250 1 ND 0.0250 1 99.5 % 70-130 93.7 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 99.5 % 70-130 70-130 93.7 % 70-130 70-130 96.3 % 70-130 70-130 mg/kg mg/kg Analyst: 1030 125 5 673 250 5 73.4 % 50-200 mg/kg Mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/17/23 ND 0.0250 1 10/17/23 ND 0.0250 1 10/17/23 ND 0.0500 1 10/17/23 ND 0.0250 1 10/17/23 ND 0.0250 1 10/17/23 99.5 % 70-130 10/17/23 93.7 % 70-130 10/17/23 96.3 % 70-130 10/17/23 99.5 % 70-130 10/17/23 99.5 % 70-130 10/17/23 99.5 % 70-130 10/17/23 96.3 % 70-130 10/17/23 96.3 % 70-130 10/17/23 96.3 % 70-130 10/17/23 mg/kg mg/kg Analyst: KM 1030 125 5 10/17/23 673 250 5 10/17/23 mg/kg	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/17/23 10/18/23 ND 0.0500 1 10/17/23 10/18/23 ND 0.0250 1 10/17/23 10/18/23 99.5 % 70-130 10/17/23 10/18/23 93.7 % 70-130 10/17/23 10/18/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/17/23 10/18/23 99.5 % 70-130 10/17/23 10/18/23 99.5 % 70-130 10/17/23 10/18/23 93.7 % 70-130 10/17/23 10/18/23 96.3 % 70-130 10/17/23 10/18/23 mg/kg mg/kg



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

TP-2 2 E310112-06

	_	Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	nalyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		95.4 %	70-130	10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	10/17/23	10/18/23	
Surrogate: Toluene-d8		95.6 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		95.4 %	70-130	10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	10/17/23	10/18/23	
Surrogate: Toluene-d8		95.6 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	1750	250	10	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	1020	500	10	10/17/23	10/19/23	
Surrogate: n-Nonane		64.5 %	50-200	10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	aalyst: IY		Batch: 2342035
Chloride	1120	20.0	1	10/17/23	10/18/23	

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

TP-2 3 E310112-07

		2010112 0.				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	Batem 25 (205)
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		98.4 %	70-130	10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	10/17/23	10/18/23	
Surrogate: Toluene-d8		96.6 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		98.4 %	70-130	10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	10/17/23	10/18/23	
Surrogate: Toluene-d8		96.6 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	331	50.0	2	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	186	100	2	10/17/23	10/19/23	
Surrogate: n-Nonane		59.5 %	50-200	10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: IY		Batch: 2342035
-	308	20.0		10/17/23	10/18/23	

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

TP-2 4 E310112-08

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst:	RKS		Batch: 2342039
Benzene	ND	0.0250	1		10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1		10/17/23	10/18/23	
Toluene	ND	0.0250	1		10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	l	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	l	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1		10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		98.4 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		95.6 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		98.4 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		95.6 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst:	KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1		10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	10/17/23	10/19/23	
Surrogate: n-Nonane		60.5 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	IY		Batch: 2342035
	81.1	20.0			10/17/23	10/18/23	-

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

TP-2 5 E310112-09

Analyte	Result	Reporting Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2342039
Benzene	ND	0.0250		1	10/17/23	10/18/23	Butch: 23 12037
Ethylbenzene	ND	0.0250		1	10/17/23	10/18/23	
Toluene	ND	0.0250		1	10/17/23	10/18/23	
o-Xylene	ND	0.0250		1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500		1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		96.6 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		94.6 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		96.6 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		94.6 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0		1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	10/17/23	10/19/23	
Surrogate: n-Nonane		69.4 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2342035
Chloride	ND	20.0		1	10/17/23	10/18/23	

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

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Result			ion Prepared	Analyzed	Notes
			1	7 11101 / 200	Batch: 2342039
				10/19/22	Datch: 2342039
		•			
		•			
		•			
		1			
0.0685	0.0500	1			
0.112	0.0250	1	10/17/23	10/18/23	
	96.7 %	70-130	10/17/23	10/18/23	
	101 %	70-130	10/17/23	10/18/23	
	98.0 %	70-130	10/17/23	10/18/23	
mg/kg	mg/kg	А	Analyst: RKS		Batch: 2342039
ND	20.0	1	10/17/23	10/18/23	
	96.7 %	70-130	10/17/23	10/18/23	
	101 %	70-130	10/17/23	10/18/23	
	98.0 %	70-130	10/17/23	10/18/23	
mg/kg	mg/kg	Α	Analyst: KM		Batch: 2342043
941	125	5	10/17/23	10/19/23	_
447	250	5	10/17/23	10/19/23	
	70.3 %	50-200	10/17/23	10/19/23	
mg/kg	mg/kg	Α	Analyst: IY		Batch: 2342035
	ND mg/kg 941	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 0.0435 0.0250 0.0685 0.0500 0.112 0.0250 96.7 % 101 % 98.0 % mg/kg ND 20.0 96.7 % 101 % 98.0 % mg/kg mg/kg mg/kg mg/kg mg/kg 941 125 447 250	mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 0.0435 0.0250 1 0.0685 0.0500 1 0.112 0.0250 1 96.7 % 70-130 98.0 % 70-130 mg/kg mg/kg ND 20.0 1 96.7 % 70-130 101 % 70-130 98.0 % 70-130 mg/kg mg/kg 441 125 5 447 250 5	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/17/23 ND 0.0250 1 10/17/23 ND 0.0250 1 10/17/23 0.0435 0.0250 1 10/17/23 0.0685 0.0500 1 10/17/23 0.112 0.0250 1 10/17/23 101 % 70-130 10/17/23 98.0 % 70-130 10/17/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/17/23 101 % 70-130 10/17/23 98.0 % 70-130 10/17/23 98.0 % 70-130 10/17/23 mg/kg mg/kg Analyst: KM 941 125 5 10/17/23 447 250 5 10/17/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/17/23 10/18/23 ND 0.0250 1 10/17/23 10/18/23 ND 0.0250 1 10/17/23 10/18/23 0.0435 0.0250 1 10/17/23 10/18/23 0.0685 0.0500 1 10/17/23 10/18/23 0.112 0.0250 1 10/17/23 10/18/23 96.7 % 70-130 10/17/23 10/18/23 98.0 % 70-130 10/17/23 10/18/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/17/23 10/18/23 101 % 70-130 10/17/23 10/18/23 96.7 % 70-130 10/17/23 10/18/23 101 % 70-130 10/17/23 10/18/23 98.0 % 70-130 10/17/23 10/18/23 mg/kg mg/kg </td

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

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D. I	Reporting			D 1		N
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	RKS		Batch: 2342039
ND	0.0250		1	10/17/23	10/18/23	
ND	0.0250		1	10/17/23	10/18/23	
ND	0.0250		1	10/17/23	10/18/23	
ND	0.0250		1	10/17/23	10/18/23	
ND	0.0500		1	10/17/23	10/18/23	
ND	0.0250		1	10/17/23	10/18/23	
	96.2 %	70-130		10/17/23	10/18/23	
	94.7 %	70-130		10/17/23	10/18/23	
	93.7 %	70-130		10/17/23	10/18/23	
mg/kg	mg/kg		Analyst:	RKS		Batch: 2342039
ND	20.0		1	10/17/23	10/18/23	
	96.2 %	70-130		10/17/23	10/18/23	
	94.7 %	70-130		10/17/23	10/18/23	
	93.7 %	70-130		10/17/23	10/18/23	
mg/kg	mg/kg		Analyst:	KM		Batch: 2342043
ND	25.0		1	10/17/23	10/19/23	
ND	50.0		1	10/17/23	10/19/23	
	68.9 %	50-200		10/17/23	10/19/23	
mg/kg	mg/kg		Analyst:	IY		Batch: 2342035
577	20.0		1	10/17/23	10/18/23	
	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 MD 0.0250 MD 96.2 % 94.7 % 93.7 % mg/kg mg/kg ND 20.0 96.2 % 94.7 % 93.7 % mg/kg MD 25.0 ND 50.0 68.9 % mg/kg mg/kg mg/kg	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 PD 0.0250 PD 0.0250 PD 0.0250 PS 70-130 94.7 % 70-130 93.7 % 70-130 94.7 % 70-130 93.7 % 70-130 93.7 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 68.9 % 50-200 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 96.2 % 70-130 93.7 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 96.2 % 70-130 93.7 % mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 68.9 % 50-200 mg/kg Mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/17/23 ND 0.0250 1 10/17/23 ND 0.0250 1 10/17/23 ND 0.0500 1 10/17/23 ND 0.0250 1 10/17/23 ND 0.0250 1 10/17/23 96.2 % 70-130 10/17/23 94.7 % 70-130 10/17/23 93.7 % 70-130 10/17/23 94.7 % 70-130 10/17/23 94.7 % 70-130 10/17/23 93.7 % 70-130 10/17/23 93.7 % 70-130 10/17/23 93.7 % 70-130 10/17/23 mg/kg mg/kg Analyst: KM ND 25.0 1 10/17/23 ND 50.0 1 10/17/23 mg/kg mg/kg Analyst: KM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/17/23 10/18/23 ND 0.0500 1 10/17/23 10/18/23 ND 0.0250 1 10/17/23 10/18/23 96.2 % 70-130 10/17/23 10/18/23 94.7 % 70-130 10/17/23 10/18/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/17/23 10/18/23 94.7 % 70-130 10/17/23 10/18/23 94.7 % 70-130 10/17/23 10/18/23 93.7 % 70-130 10/17/23 10/18/23 mg/kg mg/kg Analyst: KM ND 50.0 1 10/



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

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		2010112 12					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2342039
Renzene	ND	0.0250		1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250		1	10/17/23	10/18/23	
Toluene	ND	0.0250		1	10/17/23	10/18/23	
o-Xylene	ND	0.0250		1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500		1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		96.8 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		95.8 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		96.8 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		95.8 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	42.8	25.0		1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	:	1	10/17/23	10/19/23	
Surrogate: n-Nonane		64.1 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2342035
Chloride	1010	20.0		1	10/17/23	10/18/23	

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

TP-2 9 E310112-13

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2342039
Benzene	ND	0.0250	:	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250		1	10/17/23	10/18/23	
Toluene	ND	0.0250		1	10/17/23	10/18/23	
o-Xylene	ND	0.0250		1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500		1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		96.1 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		93.1 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		96.1 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		93.1 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0		1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	10/17/23	10/19/23	
Surrogate: n-Nonane		69.2 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2342035
Chloride	2150	20.0		1	10/17/23	10/18/23	·

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

TP-2 11 E310112-14

Analyte	Result	Reporting Limit	Dilut	tion Pro	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS	1		Batch: 2342039
Benzene	ND	0.0250	1		/17/23	10/18/23	Butch: 23 12037
Ethylbenzene	ND	0.0250	1		/17/23	10/18/23	
Toluene	ND	0.0250	1		/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10	/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10	/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10	/17/23	10/18/23	
Surrogate: Bromofluorobenzene		96.5 %	70-130	10	/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	10	/17/23	10/18/23	
Surrogate: Toluene-d8		94.7 %	70-130	10	/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10	/17/23	10/18/23	
Surrogate: Bromofluorobenzene		96.5 %	70-130	10	/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	10	/17/23	10/18/23	
Surrogate: Toluene-d8		94.7 %	70-130	10	/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM			Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10	/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10	/17/23	10/19/23	
Surrogate: n-Nonane		67.1 %	50-200	10	/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY			Batch: 2342035
Chloride	84.5	20.0	1	10	/17/23	10/18/23	

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

TP-2 12 E310112-15

		E310112-13					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RI	KS		Batch: 2342039
Benzene	ND	0.0250	1	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	l	10/17/23	10/18/23	
Toluene	ND	0.0250	1	l	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	l	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	l	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	[10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		97.2 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		97.5 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RI	KS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		97.2 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		97.5 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: Kl	М		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	Į	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	10/17/23	10/19/23	
Surrogate: n-Nonane		65.7 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY	-		Batch: 2342035
Chloride	169	20.0	1	l	10/17/23	10/18/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

TP-3 1 E310112-16

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	0.0415	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	0.0670	0.0500	1	10/17/23	10/18/23	
Total Xylenes	0.109	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		97.7 %	70-130	10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	10/17/23	10/18/23	
Surrogate: Toluene-d8		94.6 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: RKS			Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		97.7 %	70-130	10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	10/17/23	10/18/23	
Surrogate: Toluene-d8		94.6 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	224	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	73.9	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane		71.0 %	50-200	10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2342035
Chloride	233	20.0	1	10/17/23	10/18/23	

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

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		2010112 17					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Anaryte	Result	Limit	Dii	ution	Frepared	Anatyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg mg/kg			Analyst: RKS			Batch: 2342039
Benzene	ND	0.0250		1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250		1	10/17/23	10/18/23	
Toluene	ND	0.0250		1	10/17/23	10/18/23	
o-Xylene	ND	0.0250		1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500		1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		99.6 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		94.2 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS	Batch: 2342039	
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		99.6 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		94.2 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0		1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	10/17/23	10/19/23	
Surrogate: n-Nonane		72.6 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2342035
Chloride	ND	20.0		1	10/17/23	10/18/23	_

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2342039
Benzene	ND	0.0250	1	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		95.9 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		96.1 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		95.9 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		96.1 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/17/23	10/19/23	
Surrogate: n-Nonane		69.7 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2342035



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

TP-3 4 E310112-19

		2010112 17					
Analyta	Result	Reporting Limit		ution	Duomonod	Analyzed	Notes
Analyte	Result	Limit	Dili	ution	Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2342039
Benzene	ND	0.0250		1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250		1	10/17/23	10/18/23	
Toluene	ND	0.0250		1	10/17/23	10/18/23	
o-Xylene	ND	0.0250		1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500		1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		103 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		95.7 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		103 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		95.7 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0		1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	10/17/23	10/19/23	
Surrogate: n-Nonane		68.6 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2342035
Chloride	ND	20.0		1	10/17/23	10/18/23	<u> </u>

Gaucho Unit #017H NTG-New Tech Global Environmental Project Name: Reported: Project Number: 911 Regional Park Dr. 01058-0007 Houston TX, 77060 Project Manager: Ethan Sessums 10/23/2023 11:35:02AM **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 (2342039-BLK1) Prepared: 10/17/23 Analyzed: 10/18/23 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 0.512 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4 0.497 0.500 99.4 70-130 0.500 96.0 70-130 Surrogate: Toluene-d8 0.480 LCS (2342039-BS1) Prepared: 10/17/23 Analyzed: 10/18/23 2.43 0.0250 2.50 97.3 70-130 Benzene 2.50 70-130 2.39 95.7 Ethylbenzene 0.0250 2.32 0.0250 2.50 92.8 70-130 2.42 97.0 70-130 0.0250 2.50 o-Xylene 94.7 4.73 5.00 70-130 p,m-Xylene 0.0500 7.16 0.0250 7.50 95.5 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.487 0.500 97.3 70-130 0.500 97.6 70-130 Surrogate: 1,2-Dichloroethane-d4 0.488 70-130 Surrogate: Toluene-d8 0.479 0.500 Matrix Spike (2342039-MS1) Source: E310112-03 Prepared: 10/17/23 Analyzed: 10/18/23 48-131 2.48 0.0250 2.50 ND 99.0 45-135 Ethylbenzene 2.44 0.0250 2.50 ND 97.7 95.2 48-130 Toluene 2.38 0.0250 2.50 ND 2.46 0.0250 2.50 ND 98.2 43-135 o-Xylene 4.80 ND 96.1 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.26 0.0250 7.50 ND 96.8 43-135 96.7 0.484 0.500 70-130 Surrogate: Bromofluorobenzene 0.511 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.479 95.8 Surrogate: Toluene-d8 Matrix Spike Dup (2342039-MSD1) Source: E310112-03 Prepared: 10/17/23 Analyzed: 10/18/23



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.43

2.37

2.30

2.37

4.62

6.99

0.480

0.511

0.470

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

ND

ND

ND

ND

ND

ND

97.4

92.0

94.8

92.4

93.2

95.9

102

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

1.69

3.08

3.42

3.56

3.88

3.77

23

27

24

27

27

27

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Analyst: RKS

QC Summary Data

NTG-New Tech Global Environmental Project Name: Gaucho Unit #017H Regional Park Dr. Project Number: 01058-0007
Houston TX, 77060 Project Manager: Ethan Sessums 10/23/2023 11:35:02AM

Nonhalogenated Organics by EPA 8015D - GRO

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

	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2342039-BLK1)							Prepared: 10	0/17/23	Analyzed: 10/18/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.480		0.500		96.0	70-130			
LCS (2342039-BS2)							Prepared: 10	0/17/23	Analyzed: 10/18/23
Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.5	70-130			
Surrogate: Bromofluorobenzene	0.483		0.500		96.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			
Matrix Spike (2342039-MS2)				Source:	E310112-0	13	Prepared: 10	0/17/23	Analyzed: 10/18/23
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.0	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.1	70-130			
Matrix Spike Dup (2342039-MSD2)				Source:	E310112-0	13	Prepared: 10	0/17/23	Analyzed: 10/18/23
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.1	70-130	0.174	20	
Surrogate: Bromofluorobenzene	0.478		0.500		95.6	70-130			

0.500

0.500

0.484

0.488

96.7

97.6

70-130

70-130



NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	•
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

Houston TX, 77060		Project Manager	r: Et	han Sessums				10	0/23/2023 11:35:02A
	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 (2342043-BLK1)							Prepared: 1	0/17/23 An	nalyzed: 10/19/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	38.8		50.0		77.6	50-200			
LCS (2342043-BS1)							Prepared: 1	0/17/23 An	nalyzed: 10/19/23
Diesel Range Organics (C10-C28)	212	25.0	250		84.8	38-132			
urrogate: n-Nonane	37.4		50.0		74.8	50-200			
Matrix Spike (2342043-MS1)				Source:	E310112-0	05	Prepared: 1	0/17/23 An	nalyzed: 10/19/23
Diesel Range Organics (C10-C28)	1160	125	250	1030	53.7	38-132			
urrogate: n-Nonane	33.9		50.0		67.8	50-200			
Matrix Spike Dup (2342043-MSD1)				Source:	E310112-0	05	Prepared: 1	0/17/23 An	nalyzed: 10/19/23
Diesel Range Organics (C10-C28)	1220	125	250	1030	77.2	38-132	4.95	20	
'urrogate: n-Nonane	34.2		50.0		68.4	50-200			



Chloride

M2, R3

QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060		Project Name: Project Number: Project Manager		Gaucho Unit #0 11058-0007 Ethan Sessums)17H				Reported: 10/23/2023 11:35:02AM
		Anions	by EPA	300.0/9056 <i>A</i>	A				Analyst: IY
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2342035-BLK1)							Prepared:	10/17/23	Analyzed: 10/18/23
Chloride	ND	20.0							
LCS (2342035-BS1)							Prepared:	10/17/23	Analyzed: 10/19/23
Chloride	250	20.0	250		99.8	90-110			
Matrix Spike (2342035-MS1)				Source:	E310112-0	07	Prepared:	10/17/23	Analyzed: 10/18/23
Chloride	867	20.0	250	308	224	80-120			M2
Matrix Spike Dup (2342035-MSD1)				Source:	E310112-0)7	Prepared:	10/17/23	Analyzed: 10/18/23

250

20.0

308

150

80-120

23.6

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

	NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
-	911 Regional Park Dr.	Project Number:	01058-0007	Reported:
	Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/23 11:35

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

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.





Relinquished by: (Signature)

Work Order No:	E310112
70P#	01058-0007

Project Manager:	Ethan Sessums	5			Bill to: (if	different)		Wesle	ey Mat	thews					W	ork Ord	der (Comments
Company Name:	NTG Environme	ental			Company	y Name:		Devo	n				Prog	ram: US	r/PST □I	PRP B	row	nfields RRC uperfun
ddress:	209 W McKay S	St			Address:								1 03.75	of Proje		=		Д Ц.
City, State ZIP:	Carlsbad, NM 8	8220			City, Stat	te ZIP:							Repo	rting:Lev	el II 🗌 Le	vel III	PST	T/UST TRRP Level IV
hone:	432-701-2159			Email	: esessur	ns@ntgl	obal.cor	n					- 1		EDD 🗌			T Other:
roject Name:	Gau	cho Unit #01	7H	Tur	n Around						ANA	LYSIS R	FOUEST					Preservative Codes
roject Number:	(a	237780		✓ Routine	Rush	h	Pres. Code					T				ПТ		None: NO DI Water: H
roject Location		Lea Co. NM		Due Date:			June								+			Cool Cool MeOH: Me
ampler's Name:		itry Niakanoro	vc	TAT starts the	day receive	ed by the			MRO)			d b				111		HCL HC HNO ₃ : HN
O #:		21199611		lab, if rec	eived by 4:3	0pm	e e		+									H ₂ S0 ₄ : H ₂ NaOH: Na
AMPLE RECE	PT Tem	p Blank:	Yes No	Wet Ice:	Yes) _{No}	Parameters	<u>m</u>	DRO	4500								H ₂ PO ₄ HP
eceived Intact:	Ye	s) No	Thermometer	ID:			ram	BTEX 8021B	+								9	NaHSO ₄ NABIS
ooler Custody Sea	s: Yes	No N/A	Correction Fa	ctor:			20	Ä	GR	Chloride						1 13	HOLD	Na ₂ S ₂ O ₃ NaSO ₃
ample Custody Sea	ils: Yes	No N/A	Temperature	Reading:	4			В	8015M (GRO	5								Zn Acetate+NaOH: Zn
otal Containers:		19	Corrected Ter	mperature:					801									NaOH+Ascorbic Acid: SAPC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН									Sample Comments
TP-1	1	10/13/2023	11:30	Х		Grab	1	Х	Х	X							1	
TP-1	2	10/13/2023	11:32	Х		Grab	1	X	Х	X						1	2	
TP-1	3	10/13/2023	11:34	Х		Grab	1	Х	Х	Х							3	
TP-1	4	10/13/2023	11:36	X		Grab	1	Х	Х	Х							+	
TP-2	1	10/13/2023	11:38	Х		Grab	1	Х	Х	Х							5	
TP-2	2	10/13/2023	11:40	Х		Grab	1.	X	Х	Х							0	
TP-2	3	10/13/2023	11:42	Х		Grab	1	X	Х	X							7	
TP-2	4	10/13/2023	11:44	Х		Grab	1	Х	Х	Х							8	
TP-2	5	10/13/2023	11:46	Х		Grab	1	Х	Х	X						0		
TP-2	6	10/13/2023	11:48	X		Grab	1	X	Х	X							0	
Additi	onal Comments																	

Date/Time

Page 30 of 32

Received by: (Signature)

Received by: (Signature)

Revised Date 05012020 Rev. 2020 1

Date/Time



Relinquished by: (Signature)

Work Order No: <u>E3/0//2</u> Job #0/058-0007

roject Manager:	Ethan Sessums	5			Bill to: (if	different)		Wesle	y Matt	thews					Worl	Order	Comments	
ompany Name:	NTG Environme	ental			Company	Name:		Devor	1				Progr	am: UST/	PST PRE	Вгом	nfields RRC	Duperfund
ddress:	209 W McKay S	St			Address:									of Projec				
ity, State ZIP:	Carlsbad, NM 8	8220			City, Stat	e ZIP:							Repor	ting:Level	II Level	III 🗁s	T/UST TRRP	Level IV
hone:	432-701-2159			Email	esessun	ns@ntgl	obal.con	1					Delive	rables: E	DD 🗌	ADaP	T Other:	
roject Name:	Gau	icho Unit #01	7H	Tur	n Around						ΔΝΔ	I VSIS F	REQUEST			-	Preservati	ivo Codos
roject Number:		237780		✓ Routine	Rush	1	Pres. Code						LGOLO			T	None: NO	DI Water: H ₂ C
roject Location		Lea Co. NM		Due Date:			Code				+							
ampler's Name:		itry Niakanor	ov	TAT starts the	day receive	ed by the			MRO)			1 1	100.19					MeOH: Me HNO ₃ : HN
O #:		21199611	•								H ₂ S0 ₄ : H ₂	NaOH: Na						
AMPLE RECEI	PT Tem	p Blank:	Yes No	Wet Ice:	Yes	No	Parameters	œ	DRO	8		1 1				H ₃ PO ₄ . HP	naon. na	
eceived Intact:	Ye	s) No	Thermometer	The second second	6		ram	8021B	+	e 4500		1 1	11 1			9	NaHSO ₄ NABIS	
poler Custody Seal		No N/A	Correction Fac				Pa	BTEX 8	8015M (GRO	Chloride		1 1				НОГР	Na ₂ S ₂ O ₃ NaSO ₃	
ample Custody Sea	ils: Yes	No N/A	Temperature f	Reading:	4			ВТ	2M (동		1 1					Zn Acetate+NaO	H: Zn
otal Containers:		19	Corrected Ten	perature:					801			1 1					NaOH+Ascorbic	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH								Sample Co	omments
TP-2	7	10/13/2023	11:50	X		Grab	1	Х	X	Х						11		
TP-2	8	10/13/2023	11:52	X		Grab	1	Х	Х	Х						12		
TP-2	9	10/13/2023	11:54	Х		Grab	1	Х	Х	Х						13		
TP-2	11	10/13/2023	11:56	X		Grab	1	Х	Х	Х						14		
TP-2	12	10/13/2023	11:58	Х		Grab	1	Х	X	Х						15		
TP-3	1	10/13/2023	12:00	Х		Grab	1	Х	Х	Х						16		
TP-3	2	10/13/2023	12:02	Х		Grab	1	Х	Х	Х						17		
TP-3	3	10/13/2023	12:04	X		Grab	1	Х	Х	Х						18		
TP-3	4	10/13/2023	12:06	X		Grab	1	Х	X	Х						19		
																1.1		
٨٨٨:٠:	onal Comments																	
Additi	onal Comments																	

Received by: (Signature) Relinquished by: (Signature) MESO ardran MUSSO 10.17.23 8:15

Date/Time

Received by: (Signature)

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Date/Time

envirotech Inc.

Printed: 10/17/2023 12:56:32PM

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:	NTG-New Tech Global Environmental	Date Received:	10/17/23 08:	:15	v	Vork Order ID:	E310112
Phone:	(281) 872-9300	Date Logged In:	10/16/23 14:	:58	I	ogged In By:	Caitlin Mars
Email:	esessums@ntglobal.com	Due Date:	10/23/23 17	:00 (4 day TAT)		,	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mat	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
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 disucssion.		Yes			Comment	s/Resolution
Sample T	urn Around Time (TAT)			ſ			
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		SRC email n	ot sent per	client request.
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
	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	Container		_				
	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				
Field Lab	<u>oel</u>						
20. Were	field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	-			
	reservation		Yes				
	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?	essi vea.	NA				
	filteration required and/or requested for dissolved m	netals?	No				
	se Sample Matrix		110				
	the sample have more than one phase, i.e., multipha	se?	No				
	, does the COC specify which phase(s) is to be analy		NA				
		,204.	NA				
	act Laboratory	9	3.7				
	amples required to get sent to a subcontract laborator	-	No				
29. was a	subcontract laboratory specified by the client and if	so wno?	NA S	ubcontract Lab	: na		
Client In	<u>istruction</u>						

Date

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



August 07, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT #017H

Enclosed are the results of analyses for samples received by the laboratory on 08/05/24 15:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keene

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact
Project Number: 237780 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 1 (H244691-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
DRO >C10-C28*	1130	10.0	08/06/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	498	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	74.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237780

Project Location: DEVON - LEA CO NM

Sample ID: CS - 2 (H244691-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2024	ND	205	102	200	4.11	
DRO >C10-C28*	33.1	10.0	08/07/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					
Surrogate: 1-Chlorooctane	83.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.7	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact
Project Number: 237780 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 3 (H244691-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
DRO >C10-C28*	198	10.0	08/06/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	57.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	82.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.4	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact
Project Number: 237780 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 4 (H244691-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
DRO >C10-C28*	59.8	10.0	08/06/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.0	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact
Project Number: 237780 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 5 (H244691-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
DRO >C10-C28*	18.6	10.0	08/06/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact
Project Number: 237780 Sample Received By: Tamara Oldaker

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Project Location: DEVON - LEA CO NM

ma/ka

Sample ID: CS - 6 (H244691-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
DRO >C10-C28*	85.5	10.0	08/06/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	75.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.4	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact
Project Number: 237780 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 1 (H244691-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
DRO >C10-C28*	1260	10.0	08/06/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	590	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	68.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 237780 Sample Received By:

Project Location: DEVON - LEA CO NM

Sample ID: SW - 2 (H244691-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
DRO >C10-C28*	259	10.0	08/06/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	141	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	78.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237780

Project Location: DEVON - LEA CO NM

Sample ID: SW - 3 (H244691-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
DRO >C10-C28*	109	10.0	08/06/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	30.7	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact Sample Received By: Project Number: 237780 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 4 (H244691-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	76.7 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3 9	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/05/2024 Reported: 08/07/2024

GAUCHO UNIT #017H

Project Name: GAUCHO Project Number: 237780

Project Location: DEVON - LEA CO NM

Sampling Date: 08/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (H244691-11)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
DRO >C10-C28*	236	10.0	08/06/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	89.7	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	77.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact
Project Number: 237780 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

mg/kg

Sample ID: SW - 6 (H244691-12)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	77.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

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Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact
Project Number: 237780 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 7 (H244691-13)

Analyte Result Reporting Limit Analyzed	Method Blank	BS	% Recovery	True Value QC		
	ND		,	True value QC	RPD	Qualifier
Benzene* <0.050 0.050 08/06/2024	לואו א	1.90	95.2	2.00	5.07	
Toluene* <0.050 0.050 08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene* <0.050 0.050 08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes* <0.150 0.150 08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX <0.300 0.300 08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID 111 % 71.5-134						
Chloride, SM4500Cl-B mg/kg Analy	zed By: AC					
Analyte Result Reporting Limit Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride 272 16.0 08/06/2024	ND	432	108	400	7.69	
TPH 8015M mg/kg Analy	zed By: MS					
Analyte Result Reporting Limit Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10* <10.0 10.0 08/06/2024	ND	205	102	200	4.11	
DRO >C10-C28* <10.0 10.0 08/06/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36 <10.0 10.0 08/06/2024	ND					
Surrogate: 1-Chlorooctane 80.9 % 48.2-134						
Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148						

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Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237780

Applyzod By: 14

Project Location: DEVON - LEA CO NM

ma/ka

Sample ID: SW - 8 (H244691-14)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	< 0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	08/07/2024	ND	205	102	200	4.11	
DRO >C10-C28*	16000	50.0	08/07/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	4770	50.0	08/07/2024	ND					
Surrogate: 1-Chlorooctane	85.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	395	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact
Project Number: 237780 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

mg/kg

Sample ID: SW - 9 (H244691-15)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	75.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.3	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Applyzod By: 14

Received: 08/05/2024 Reported: 08/07/2024

ma/ka

Reported: 08/07/2024 Project Name: GAUCHO UNIT #017H

Project Number: 237780

Project Location: DEVON - LEA CO NM

Sampling Date: 08/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 10 (H244691-16)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.90	95.2	2.00	5.07	
Toluene*	<0.050	0.050	08/06/2024	ND	1.98	98.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.03	102	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	6.27	104	6.00	4.23	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	205	102	200	4.11	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	77.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.8	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact
Project Number: 237780 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

ma/ka

Sample ID: SW - 11 (H244691-17)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	2.10	105	2.00	0.768	
Toluene*	<0.050	0.050	08/06/2024	ND	2.29	114	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.39	120	2.00	1.08	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	7.29	121	6.00	0.252	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/06/2024	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	211	105	200	0.381	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	207	103	200	0.378	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	82.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 08/05/2024 Sampling Date: 08/05/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237780

Project Location: DEVON - LEA CO NM

Sample ID: SW - 12 (H244691-18)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	2.10	105	2.00	0.768	
Toluene*	<0.050	0.050	08/06/2024	ND	2.29	114	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.39	120	2.00	1.08	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	7.29	121	6.00	0.252	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/07/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	211	105	200	0.381	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	207	103	200	0.378	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

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Celey D. Keine



Notes and Definitions

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Project Manager:

Bill to: (if different)
Company Name

Devon Energy

Program: UST/PST PRP prownfields RC

perfund

Work Order Comments

of

State of Project:

Reporting:Level III Level III PST/UST

RRP

Level IV

Deliverables: EDD

ADaPT [

Dale Woodall

ompany Name: ddress: •

Ethan Sessums
NTG Environmental
209 W McKay St

Carlsbad, NM 88220

ity, State ZIP

432-701-2159

Email: esessums@ntglobal.com

City, State ZIP:

205 E Bender Blvd Hobbs, NM 88240



700	Pro	Pro	Sar	PO供	SA	Rec	Coc	San	Tot	101			N	M	4	7		11	X,	00	0		Notic of ser	T	7	s I	1
Project Name:	Project Number	Project Location	Sampler's Name:	共	SAMPLE RECEIPT	Received Intact:	Cooler Custody Seals:	Sample Custody Seals	Containers.	Total Containers:	Sample Identification	CS-1	CS-2	CS-3	CS-4	CS-5	CS-6	SW-1	SW-2	SW-3	SW-4	Additio	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	Relinquished by:	1		
Ga						Yes	Yes			L	Depth (ft bgs)											Additional Comments:	ocument and relinquable only for the cos	(Signature)	1		
Gaucho Unit #01/H	237780	Lea Co, NM	Kellan Smith	21199611	Temp Blank:	No	No (NIA)	No NIA	- 1	18	Date	8/5/2024	8/5/2024	8/5/2024	8/5/2024	8/5/2024	8/5/2024	8/5/2024	8/5/2024	8/5/2024	8/5/2024	**	shment of sample t of samples and applied to each pr	/		Melle	Mal
H					Yes (No	Thermometer ID	Correction Factor	Temperature Reading	Corrected Te	Corrected Temperature	Time												es constitutes a va shall not assume a oject and a charge	Received		uska 1	wara s
Tur	Routine	Due Date:	TAT starts the day received by the	lab, if rec	Wet lce:		ctor:	Reading	nonature.	nperature:	Soil	×	×	×	×	×	×	×	×	×	×		ilid purchase order any responsibility to of \$5 for each sa	Received by (Signature	111111	Hask	Haak
Turn Around	Rush	48hr	day received	lab, if received by 4:30pm	Yes	140	1			1	Water												r from client co for any losses mple submitte	e)	7	18	SHE
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Company Name: Project Manager:

209 W McKay St NTG Environmental

Address:

205 E Bender Blvd Devon Energy Dale Woodall

State of Project:

Program: UST/PST PRP prownfields RC

perfund

Work Order Comments

of

Bill to: (if different) Company Name:

Ethan Sessums

Chain of Custody



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City, State ZIP:	Carlsbad, NM 88220	8220			City, State ZIP	P	Ho	bbs, NI	Hobbs, NM 88240					Reporting:Level II Level III	LISU/IST	ST LRRP	Level IV
Phone:	432-701-2159			Email:	Email: esessums@ntglobal.com	ntgloba	i.com						L	Deliverables: EDD	ADaPT [Other:	
Project Name:	Gau	Gaucho Unit #017H	7H	Turn	Turn Around						AN	ANALYSIS REQUEST	REQ	JEST		Preservative Codes	ve Co
Project Number:		237780		☐ Routine	2 Rush	0.70	Pres. Code								7	None: NO	DI Water: H ₂ O
Project Location		Lea Co, NM		Due Date:	48hr										0	Cool: Cool	MeOH: Me
Sampler's Name:	_	Kellan Smith		TAT starts the day received by the	lay received by		tod	RO)		_	_				т	HCL: HC	HNO3: HN
PO#		21199611		lab, if recei	lab, if received by 4:30pm	30	rs	+ M							т.	H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes MO	Wet ice:	yes No	4	_									H ₃ PO ₄ : HP	
Received Intact:		No	Thermometer ID		140		802°	0+	de 45						DLD	NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes	No (NIA)	Correction Factor	tor:	,	0.6€			_							Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals	Yes	No (N/A)	Temperature Reading	Reading:	4.0	811	D.		-							Zn Acetate+NaOH: Zn	H: Zn
Total Containers:		18	Corrected Temperature	nperature:	1	77		801							7	NaOH+Ascorbic Acid: SAPC	Acid: S
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water Cu	Grab/ #	# of Cont	TPH								Sample Comments	omm
SW-5		8/5/2024		×	C	Comp	1	×	×								
SW-6		8/5/2024		×	C	Comp	1	×	×								
SW-7		8/5/2024		×	C	Comp	1	×	×		_						
SW-8		8/5/2024		×	C	Comp	*	×	×								
SW-9		8/5/2024		×	C	Comp	1	×	×							-	
SW-10		8/5/2024		×	C	Comp	1	×	×		-						
SW-11		8/5/2024		×	C	Comp	1	×	×								
SW-12		8/5/2024		×	C	Comp		×	×			+					
		4		•		+		+			+						
Additio	Additional Comments:			,													
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	document and relinqui liable only for the cost targe of \$85.00 will be a	shment of sampl t of samples and applied to each p	les constitutes a va shall not assume a project and a charge	lid purchase order any responsibility to of \$5 for each san	from client com or any losses or ple submitted t	pany to Xelexpenses to Xenco, but	nco, its affi incurred by ut not analy	iliates and y the clies yzed. The	d subcontr nt if such lo	actors. It	assigns st duc to circ	standard terms and condi rcumstances beyond the c ess previously negotiated	erms and es beyon asly nego	conditions . I the control diated.			
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Page 22 of 22



August 16, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT #017H

Enclosed are the results of analyses for samples received by the laboratory on 08/14/24 12:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

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Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/16/2024 Sampling Type: Soil Project Name: GAUCHO UNIT #017H Sampling Condition: Coo

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact
Project Number: 237780 Sample Received By: Shalyn Rodriguez

Applyand By 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 1 (H244911-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2024	ND	2.07	104	2.00	10.2	
Toluene*	<0.050	0.050	08/14/2024	ND	2.02	101	2.00	10.6	
Ethylbenzene*	<0.050	0.050	08/14/2024	ND	2.03	101	2.00	11.2	
Total Xylenes*	<0.150	0.150	08/14/2024	ND	5.95	99.1	6.00	11.6	
Total BTEX	<0.300	0.300	08/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/15/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2024	ND	195	97.3	200	5.56	
DRO >C10-C28*	11.0	10.0	08/14/2024	ND	201	101	200	8.18	
EXT DRO >C28-C36	<10.0	10.0	08/14/2024	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/16/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact
Project Number: 237780 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO NM

mg/kg

Sample ID: CS - 3 (H244911-02)

BTEX 8021B

DILX OUZID	11197	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2024	ND	2.07	104	2.00	10.2	
Toluene*	<0.050	0.050	08/14/2024	ND	2.02	101	2.00	10.6	
Ethylbenzene*	<0.050	0.050	08/14/2024	ND	2.03	101	2.00	11.2	
Total Xylenes*	<0.150	0.150	08/14/2024	ND	5.95	99.1	6.00	11.6	
Total BTEX	<0.300	0.300	08/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/15/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2024	ND	195	97.3	200	5.56	
DRO >C10-C28*	15.1	10.0	08/14/2024	ND	201	101	200	8.18	
EXT DRO >C28-C36	<10.0	10.0	08/14/2024	ND					
Surrogate: 1-Chlorooctane	127	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/16/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact Sample Received By: Project Number: 237780 Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: CS - 4 (H244911-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2024	ND	2.07	104	2.00	10.2	
Toluene*	<0.050	0.050	08/14/2024	ND	2.02	101	2.00	10.6	
Ethylbenzene*	<0.050	0.050	08/14/2024	ND	2.03	101	2.00	11.2	
Total Xylenes*	<0.150	0.150	08/14/2024	ND	5.95	99.1	6.00	11.6	
Total BTEX	<0.300	0.300	08/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/15/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2024	ND	195	97.3	200	5.56	
DRO >C10-C28*	15.2	10.0	08/14/2024	ND	201	101	200	8.18	
EXT DRO >C28-C36	<10.0	10.0	08/14/2024	ND					
Surrogate: 1-Chlorooctane	130 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/16/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact Sample Received By: Project Number: 237780 Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: CS - 7 (H244911-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2024	ND	2.07	104	2.00	10.2	
Toluene*	<0.050	0.050	08/14/2024	ND	2.02	101	2.00	10.6	
Ethylbenzene*	<0.050	0.050	08/14/2024	ND	2.03	101	2.00	11.2	
Total Xylenes*	<0.150	0.150	08/14/2024	ND	5.95	99.1	6.00	11.6	
Total BTEX	<0.300	0.300	08/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/15/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2024	ND	195	97.3	200	5.56	
DRO >C10-C28*	15.2	10.0	08/14/2024	ND	201	101	200	8.18	
EXT DRO >C28-C36	<10.0	10.0	08/14/2024	ND					
Surrogate: 1-Chlorooctane	116 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	6 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/16/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact Sample Received By: Project Number: 237780 Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: SW - 1A (H244911-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2024	ND	2.07	104	2.00	10.2	
Toluene*	<0.050	0.050	08/14/2024	ND	2.02	101	2.00	10.6	
Ethylbenzene*	<0.050	0.050	08/14/2024	ND	2.03	101	2.00	11.2	
Total Xylenes*	<0.150	0.150	08/14/2024	ND	5.95	99.1	6.00	11.6	
Total BTEX	<0.300	0.300	08/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/15/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2024	ND	220	110	200	3.61	
DRO >C10-C28*	13.0	10.0	08/14/2024	ND	225	113	200	7.37	
EXT DRO >C28-C36	<10.0	10.0	08/14/2024	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	6 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/16/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact Sample Received By: Project Number: 237780 Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: SW - 3A (H244911-06)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2024	ND	2.07	104	2.00	10.2	
Toluene*	<0.050	0.050	08/14/2024	ND	2.02	101	2.00	10.6	
Ethylbenzene*	<0.050	0.050	08/14/2024	ND	2.03	101	2.00	11.2	
Total Xylenes*	<0.150	0.150	08/14/2024	ND	5.95	99.1	6.00	11.6	
Total BTEX	<0.300	0.300	08/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/15/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2024	ND	220	110	200	3.61	
DRO >C10-C28*	13.5	10.0	08/14/2024	ND	225	113	200	7.37	
EXT DRO >C28-C36	<10.0	10.0	08/14/2024	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128 9	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/16/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact Sample Received By: Project Number: 237780 Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: SW - 5A (H244911-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	1.98	98.8	2.00	3.29	
Toluene*	<0.050	0.050	08/15/2024	ND	2.08	104	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.51	108	6.00	1.61	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/15/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2024	ND	220	110	200	3.61	
DRO >C10-C28*	19.9	10.0	08/14/2024	ND	225	113	200	7.37	
EXT DRO >C28-C36	<10.0	10.0	08/14/2024	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/16/2024 Sampling Type: Soil

Project Name: GAUCHO UNIT #017H Sampling Condition: Cool & Intact
Project Number: 237780 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DEVON - LEA CO NM

ma/ka

Sample ID: SW - 9A (H244911-08)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	1.98	98.8	2.00	3.29	
Toluene*	<0.050	0.050	08/15/2024	ND	2.08	104	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.51	108	6.00	1.61	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/15/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2024	ND	220	110	200	3.61	
DRO >C10-C28*	16.0	10.0	08/14/2024	ND	225	113	200	7.37	
EXT DRO >C28-C36	<10.0	10.0	08/14/2024	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	140	% 49.1-14	8						

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Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name: UTS 393-2326 FAX (575) 393-2476 Company Name: UTS 393-2326 FAX (575) 393-2476 Project Manager: Ethan Segsums Address: AOG W. Mckay Shace State: NM Zip: Phone #: 675 - 96% - 8856 Fax #: Project Owner: Venochoc To Project Location: Lew G. MM Sampler Name: Cawchoc To Project Location: Lew G. MM Sampler Name: CS-1 Project Name: CS-1 CS-1 CS-3 CS-3 CS-3 SW-3A SW-3A PLEASE NOTE: Lability and Carried to the performance of isomices between the cardious analyses. All of states in Stable for included an officers analyses analyses. All of states in Stable for included an officers analyses and carried analyses. All of states in Stable for included an officers analyses. All of states in Stable for included an officers analyses. All of states in Stable for included an officers analyses and carried to the performance of isomices between the cardious analyses. All of states in Stable for included an officers analyses. All of states in Stable for included an officers analyses. All of states in Stable for included an officers analyses. All of states in Stable for included an officers analyses. All of states in Stable for included an officers analyses. All of states in Stable for included an officers analyses. All of states in Stable for included and of or relaboration of the States in Stable for included and officers. All of states in Stable for included and officers analyses. All of states in Stable for included and officers analyses. All of states in Stable for included and officers analyses. All officers	# CONTAINERS GROUNDWATER GROUNDWATER	Address: City: State: Zip: Phone #: Phone #: Phone #: Fax #: X Oil UD HER BASOL O SIL UD HER BASOL	ANALYSIS REQUEST ANALYSIS REQ	
	Project Owner: Pewon	Zip:		
	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: PRESERV ICE / COOL OTHER: DATE	BIEX	
	4	<u> </u>		
		4.	4	
PLEASE NOTE: Liability and Damages. Cardinal's liability and Damages. Cardinal's liability and parameters are regigence, and as service. In no severi shall Cardinal be liable for incidental affiliation of successors, "rings out of or reliabled to the post. Relinquished 3y:	ty and client's exclusive remedy for any claim arising whether based in contract or fort, shall be desented walved unless made in willing and recruisely or or consequential damages, including without limitation, business interruptions, loss of use, or formance of sentroes been under by Cautiniii, regardless of whether such claim is based. The Bate: 8 14 34 34 36 37 38 38 38 38 38 38 38	thact or fort, shall be limited to the amount paid by the gard received by Coordinal within 30 days after comes, less of use, or ious of profits incurred by classical states is based	□ Yes □ No	
Relinquished By:	Date: Received By:	9	REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2 Cool Intact Corrected Temp. °C 0 7 Present Yes	CHECKED BY:	Turnaround Time: Standard Bacteria (only) Sample Condition COO. (2) Rush Cool Intact Observed Temp. °C Thermometer ID #1440 Yes Yes Orrected Temp. °C	ก็ก็

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

QUESTIONS

Action 381358

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	381358
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2320533965
Incident Name	NAPP2320533965 GAUCHO UNIT #017H @ 30-025-41854
Incident Type	Oil Release
Incident Status	Deferral Request Received
Incident Well	[30-025-41854] GAUCHO UNIT #017H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	GAUCHO UNIT #017H
Date Release Discovered	07/21/2023
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Well Crude Oil Released: 3 BBL Recovered: 0 BBL Lost: 3 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Well Produced Water Released: 3 BBL Recovered: 0 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Leak was due to worn packing along with high tubing pressure possible. The braid BP valve got some trash in it raising the tubing pressure and causing a release. The unit was already down so the LO went to isolating the well. No fluids recovered. 5.49 bbls released

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QUESTIONS, Page 2

Action 381358

QUESTIONS (continued))
	OGRID:

DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	381358
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	liation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for rele the 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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 09/06/2024

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QUESTIONS, Page 3

Action 381358

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	381358
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Domodiation Dlan

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be	e 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 of	contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delinear	ated Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 CI B)	9090	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	20770	
GRO+DRO (EPA SW-846 Method 8015M)	16000	
BTEX (EPA SW-846 Method 8021B or 8260E	3) 5	
Benzene (EPA SW-846 Method 8021B or 8260	B) 0.3	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	07/29/2024	
On what date will (or did) the final sampling or liner inspection occur	08/14/2024	
On what date will (or was) the remediation complete(d)	08/30/2024	
What is the estimated surface area (in square feet) that will be reclaimed	ed 0	
	0	
What is the estimated volume (in cubic yards) that will be reclaimed		
What is the estimated volume (in cubic yards) that will be reclaimed What is the estimated surface area (in square feet) that will be remedia		

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

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QUESTIONS, Page 4

Action 381358

QUESTIONS (continued)

Operator:	OGRID:
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333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	381358
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	No	
OR is the off-site disposal site, to be used, an NMED facility	No	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No	
(In Situ) Soil Vapor Extraction	No	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No	
Ground Water Abatement pursuant to 19.15.30 NMAC	No	
OTHER (Non-listed remedial process)	No	

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.

Name: Dale Woodall
Title: EHS Professional
Email: Dale.Woodall@dvn.com
Date: 09/06/2024

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.

DEVON ENERGY PRODUCTION COMPANY, LP

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QUESTIONS, Page 5

Action 381358

QUESTIONS (continued)

OGRID:

6137

333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 381358	
Oklahoma Oity, Oit 73102	Action Type:	
	[C-141] Deferral Request C-141 (C-141-v-Deferral)	
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	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes	
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Impacted area is surrounded by a pump jack and the wellhead	
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	300	
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	45	
	ediately under or around production equipment such as production tanks, wellheads and pipelines where on may be deferred with division written approval until the equipment is removed during other operations, or when	
Enter the facility ID (f#) on which this deferral should be granted	Not answered.	
Enter the well API (30-) on which this deferral should be granted	30-025-41854 GAUCHO UNIT #017H	
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed which includes the anticipated timelines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC	
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	we knowledge and understand that pursuant to OCD rules and regulations all operators are required eases which may endanger public health or the environment. The acceptance of a C-141 report by a adequately investigate and remediate contamination that pose a threat to groundwater, surface out 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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 09/06/2024	

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QUESTIONS, Page 6

Action 381358

QUESTIONS (con	itinuea)
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Operator:	OGRID:
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333 West Sheridan Ave.	Action Number:
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	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	372521	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/14/2024	
What was the (estimated) number of samples that were to be gathered	10	
What was the sampling surface area in square feet	1000	

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

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CONDITIONS

Action 381358

CONDITIONS

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333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	381358
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

	Created	Condition	Condition Date
L	Ву		
	nvelez	Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place.	11/14/2024