· ·		bls) Calculator Outputs in red		
C	ontaminated So	oil measurement		
Length(Ft)	Length(Ft) Width(Ft) Depth			
		<u>0.021</u>		
Cubic Feet of S	Soil Impacted	0.000		
Barrels of So	il Impacted	0.00		
Soil 7	уре	Clay/Sand		
Barrels of Oil Assuming 100% Saturation		0.00		
Saturation	Saturation Fluid present with shovel/backhoe			
Estimated Barrels of Oil Released 0.0		0.00		
	Free Standin	g Fluid Only		
Length(Ft)	Width(Ft)	Depth(Ft)		
<u>30</u>	14.000	0.250		
Standin	g fluid	<u>18.675</u>		
Total fluid	ls spilled	18.675		



209 W. McKay Street Carlsbad, New Mexico 88220 Tel. 432.701.2159 www.ntgenvironmental.com

December 11, 2023

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

Re: Closure and Deferral Request Report

Gaucho 30 CTB 1

Devon Energy Production Company Site Location: Unit I, S30, T22S, R34E

Site Coordinates are shown in Figures 3A, 3B and 3C

Lea County, New Mexico

Incident ID: nAPP2112039086, nAPP2316340275 & nAPP2235047407

#### Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Closure and Deferral request to document site assessment, remedial action, and sampling activities at the Gaucho 30 CTB 1 (Site) for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico. The Site is located in Unit Letter I, Section 30, of Township 22 South and Range 34 East in Lea County, New Mexico. 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 (Incident ID: nAPP2112039086) obtained from the NMOCD, the release was discovered on March 30<sup>th</sup>, 2021. The release was a result of equipment failure in a water dump line which resulted in the release of approximately 19 barrels (bbls) of crude oil and 100.4 bbls of produced water of which 19 bbls of crude oil and 21 bbls of produced water were recovered for a net loss of 79.4 bbls of produced water. Upon discovery, the well was shut-in, and the area was secured. The release is shown on Figure 3A.

Based on the initial C-141 (Incident ID: nAPP2316340275) obtained from the NMOCD, the release was discovered on June 11<sup>th</sup>, 2023. The release was a result of a pinhole leak in a main water line which resulted in the release of approximately 7 barrels (bbls) of produced water of which 5 bbls were recovered for a net loss of 2 bbls of produced water. Upon discovery, the well was shut-in, and the area was secured. The release is shown on Figure 3B.

Based on the initial C-141 (Incident ID: nAPP2235047407) obtained from the NMOCD, the release was discovered on December 16<sup>th</sup>, 2022. The release was a result of equipment failure – flange on SWD offload developed a leak which resulted in the release of approximately 18 barrels (bbls) of produced water of which 7 bbls were recovered for a net loss of 11 bbls of produced water. Upon discovery, the well was shut-in, and the area was secured. The release is shown on Figure 3C. The initial C-141 form for the three (3) spills is attached.

Mr. Mike Bratcher December 11, 2023 Page 2 of 4

### **Site Characterization**

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers (NMOSE) and USGS databases, there is one known water source within a ½-mile radius of the Site. The nearest identified well is located approximately 350 feet southwest of the Site in Sec 30 T22S R34E. The well was drilled in 2023 to the reported depth of 55 feet below ground surface (ft 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. A copy of the site characterization information and the associated NMOSE summary report is attached.

### **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	>55		

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+DRO)	BTEX	Benzene
19.15.29.13 Restoration, Reclamation and Re- Vegetation (Impacted Area 0-4 Feet)	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:					

#### **Site Assessment**

On January 26<sup>th</sup>, 2023, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site for incident nAPP2112039086. A total of seven (7) test pit points (TP-1 through TP-8) and eight (8) horizontal sample points (H-1 through H-8) were installed within the release area to characterize the impacts. Soil samples were collected in 1 ft intervals from depths ranging from 0 – 10 ft bgs for test pits and 0 to 6" for horizontal samples.

The samples were submitted to Cardinal Laboratories in Hobbs, NM for analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8260B, total petroleum hydrocarbon (TPH) by method 8015B Modified, and chloride by EPA 4500 Cl-B. The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of TP-1 through TP-5 ranging from 1 ft bgs to 5 ft bgs. Analytical results are included in Table 1A and sampling locations are shown in Figure 3A. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

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Mr. Mike Bratcher December 11, 2023 Page 3 of 4

On June  $22^{nd}$ , 2023, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site for the incident nAPP2316340275. A total of four (4) vertical sample points (S-1 through S-4) and six (6) horizontal sample points (H-1 through H-6) were installed within the release area to characterize the impacts. Soil samples were collected in 0.5 to 1 ft intervals from depths ranging from 0-4.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination.

The samples were analyzed for BTEX by EPA method 8260B, TPH by method 8015B Modified, and chloride by EPA 4500 Cl-B. The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of S-1 through S-4 at various depths ranging from 0 ft bgs to 3.5 ft bgs. Analytical results are included in Table 1B and sampling locations are shown in Figure 3B. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

On January 4<sup>th</sup>, 2023, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site for incident nAPP2235047407. A total of three (3) vertical delineation sample points (S-1 through S-3) and eight (8) horizontal sample points (H-1 through H-8) were installed within the release area to characterize the impacts. Soil samples were collected in 0.5 to 1 ft intervals from depths ranging from 0-4.5 ft bgs. On February 3<sup>rd</sup>, 2023, NTGE collected additional three (3) test pit samples (TP-1 through TP-3) in the area of impact in one (1) ft intervals at depths ranging from 6 to 11 ft bgs.

The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8260B, total petroleum hydrocarbon (TPH) by method 8015B Modified, and chloride by EPA 4500 Cl-B. The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of S-1 through S-3 at various depths ranging from 0 ft bgs to 4.5 ft bgs. Analytical results are included in Table 1C and sampling locations are shown in Figure 3C. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the back of the report.

#### **Remedial Action Activities and Confirmation Sampling**

Based on the analytical results, Devon proceeded with remediation activities at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The impacts from each incident were commingled and addressed as a single excavation. The release area of TP-1 was excavated to 2 ft bgs, areas of TP-2 through TP-4 were excavated to 4 ft bgs and area of TP-5 were excavated to 6 ft bgs based on the delineation samples results shown in Table 1A. The release areas of S-1 through S-4 were excavated to 4 ft bgs based on the delineation samples results shown in Table 1B. The release areas of S-1 through S-3 were excavated to 5 ft bgs based on the delineation samples results shown in Table 1C. Final excavation maps with confirmation sample locations are shown in Figure 4A and Figure 4B.

On October 2<sup>nd</sup>, 2023, NTGE was onsite to collect thirty-three (33) confirmation samples (CS-1 through CS-33) from the base of the excavation as well as thirty-one (31) confirmation side wall samples (SW-1 through SW-31). The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Two (2) confirmation samples (CS-5 and CS-8) exceeded the NMOCD Table 3.1 standards for TPH, two (2) confirmation samples (CS-18 and CS-19) exceeded the NMOCD Table 3.1 standards for chlorides. Five (5) side wall samples (SW-9 through SW-13) exceeded the NMOCD

NTGE Project No.: 236730



Mr. Mike Bratcher December 11, 2023 Page 4 of 4

Table 3.1 standards for TPH, four (4) side wall samples (SW-3, SW-20, SW-25 and SW-31) exceeded the NMOCD Table 3.1 standards for chlorides and three (3) side wall samples exceeded the NMOCD Table 3.1 standards for both TPH and chlorides. Laboratory reports containing analytical methods and chain-of-custody documents are attached. Laboratory analytical results indicate that multiple confirmation samples were above NMOCD regulatory criterion from Table I, Closure Criteria.

On October 5<sup>th</sup>, 2023, NTGE was onsite to collect fifty-one (51) confirmation samples (CS-34 through CS-84) from the base of the excavation as well as twenty-four (24) confirmation side wall samples (SW-32 through SW-55). One (1) confirmation sample (CS-39) exceeded the NMOCD Table 3.1 standard for TPH and three (3) side wall samples (SW-52, SW-53 and SW-55) exceeded the NMOCD Table 3.1 standard for chloride. The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Laboratory reports containing analytical methods and chain-of-custody documents are attached. Laboratory analytical results indicate that multiple confirmation samples were above NMOCD regulatory criterion from Table I, Closure Criteria.

Devon continued expanding the excavation both horizontally and vertically based on the laboratory results of confirmation samples to ensure all impacted soils were removed. Final confirmation samples collected on October 13<sup>th</sup> and October 20<sup>th</sup>, 2023, indicate that impacted soils were removed from all impacted areas except the areas of CS-5, CS-8, SW-3, SW-9 through SW-12, SW-17 through SW-20, SW-25, SW-31, SW-56, SW-62 and SW-63. All other confirmation samples were below NMOCD regulatory criterion for the Site.

Areas of CS-5, CS-8, SW-3, SW-9 through SW-12, SW-17 through SW-20, SW-25, SW-31, SW-56, SW-62 and SW-63 are in a close proximity to the facility infrastructure and cannot be expanded either horizontally or vertically without interfering with the integrity of the equipment.

Complete analytical results for all confirmation samples are presented in Table 2 and the final excavation map with confirmation sample locations is shown in Figures 4A and 4B.

On November  $28^{th}$ , 2023, NTGE was on site to collect eight (8) vertical delineation samples (DV-1 through DV-8) in 0.5 to 1 ft depth intervals from depths ranging from 0-5.5 ft bgs with a geotechnical hand auger in the areas inaccessible to excavation machinery. With the delineation samples, the Site impacts were delineated. Laboratory results of these samples are presented in Table 3 and their locations are shown in Figure 5.

#### **Deferral Request**

Devon personnel have expressed that the excavation areas CS-5, CS-8, SW-3, SW-9 through SW-12, SW-17 through SW-20, SW-25, SW-31, SW-56, SW-62 and SW-63 cannot be expanded vertically or horizontally due to the presence of facility infrastructure (i.e., separators, tanks and adjacent flowlines and electrical lines, etc.) around the excavation and the associated safety concerns without encroaching and destabilizing the infrastructure. The final excavation is presented on Figure 4A.

On behalf of Devon, NTGE formally requests a closure/deferral for incidents nAPP2112039086, nAPP2316340275 and nAPP2235047407 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. The

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Mr. Mike Bratcher December 11, 2023 Page 5 of 4

release notification, site assessment/characterization, remediation plan, and closure/deferral portion of form C-141 are attached to the front of this report.

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

Sincerely,

**NTG Environmental** 

Ethan Sessums Project Manager Dmitry Nikanorov Project Scientist

Mikan

Attachments:

Initial And Final C-141 Closure Report Questions

Site Characterization Information

Tables Figures

Photographic Log

Laboratory Reports and Chain-of-Custody Documents

From: Kellan Smith

Sent:Tuesday, September 19, 2023 2:22 PMTo:Enviro, OCD, EMNRD; NTG Env CarlsbadSubject:Sampling Notification - nAPP2235047407

NTG Environmental, on behalf of Devon Energy Production Company, will be conducting confirmation sampling activities Friday, September 22nd, 2023, at around 12 p.m. MDT regarding the Gaucho 30 CTB 1.

Incident ID: nAPP2235047407

Thanks!
Kellan Smith
Project Scientist
NTG Environmental
209 W McKay, Carlsbad, NM 88220
W: (832) 374-0004 P: (580) 682-1889

Email: ksmith@ntglobal.com

**From:** Ethan Sessums

Sent: Wednesday, September 27, 2023 1:34 PM

To: Enviro, OCD, EMNRD
Cc: NTG Env Carlsbad
Subject: Sampling Notification

NTG Environmental, on behalf of Devon Energy Production Company, will be conducting confirmation sampling activities Friday, October 2nd, 2023, at or around 12 p.m. MDT regarding the Gaucho 30 CTB 1.

Incident ID: nAPP2235047407

Ethan Sessums
Project Manager
NTGE New Mexico
209 W McKay St. Carlsbad, NM 88220
M: (254)-266-5456 W: (432)-701-2159
Email: esessums@ntglobal.com

Air Quality Compliance | EHS Management | Environmental Due Diligence & Audits | Midstream Compliance | Regulatory Compliance & Permitting | <u>Site Assessment</u>, <u>Remediation & Site Closure</u> | Water Quality & Natural Resources

From: Kellan Smith

Sent: Monday, October 9, 2023 12:06 PM

To: Enviro, OCD, EMNRD Cc: NTG Env Carlsbad

**Subject:** Sampling Notification - nAPP2235047407

NTG Environmental, on behalf of Devon Energy Production Company, will be conducting confirmation sampling activities Wednesday, October 11th, 2023, through Friday, October 13th, 2023, regarding the Gaucho 30 CTB 1.

Incident ID: nAPP2235047407

Thanks!

Kellan Smith Project Scientist NTG Environmental 209 W McKay, Carlsbad, NM 88220 W: (832) 374-0004 P: (580) 682-1889

Email: ksmith@ntglobal.com

**From:** Ethan Sessums

Sent: Monday, October 2, 2023 11:02 AM

To: Enviro, OCD, EMNRD
Cc: NTG Env Carlsbad
Subject: Sampling Notification

NTG Environmental, on behalf of Devon Energy Production Company, will be continuing confirmation sampling activities Wednesday, October 4th, 2023, at or around 12 p.m. MDT regarding the Gaucho 30 CTB 1 continuing until the close of business Friday the 6<sup>th</sup>.

Incident ID: nAPP2235047407

Ethan Sessums
Project Manager
NTG Environmental New Mexico
209 W McKay St, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159

Email: <u>esessums@ntglobal.com</u> http://www.ntgenvironmental.com/



**From:** Ethan Sessums

Sent: Thursday, October 19, 2023 1:01 PM

To: Enviro, OCD, EMNRD
Cc: NTG Env Carlsbad
Subject: Sampling notification

NTGE on behalf of DEVON will be conducting confirmation sampling the entire week of the  $23^{rd}$  starting at 2 p.m. MDT and ending close of business Friday the  $27^{th}$ .

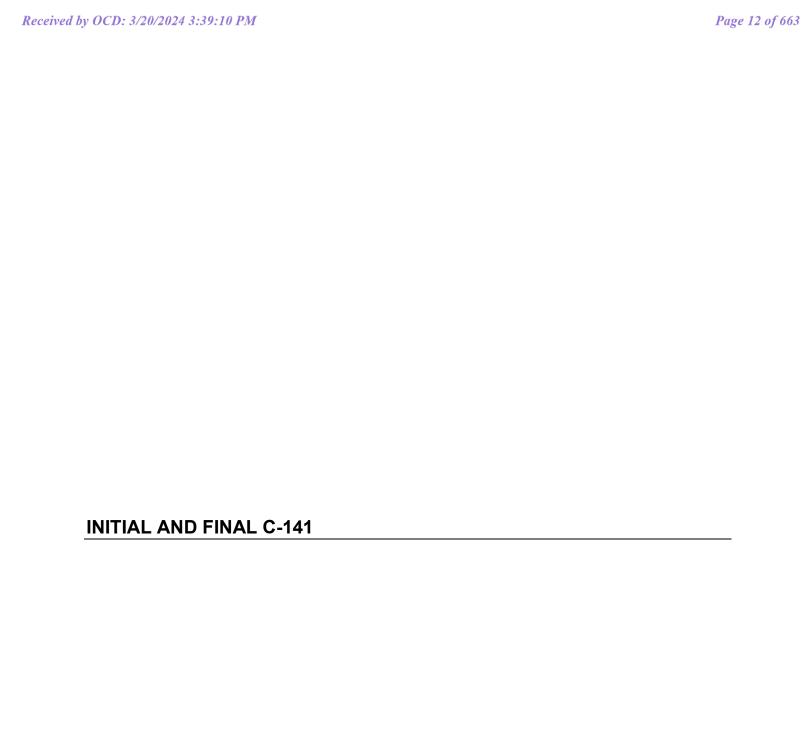
nAPP2235047407	Gaucho 30 CTB 1
nAPP2112039086	Gaucho 30 CTB 1
nAPP2316340275	Gaucho 30 CTB 1

Ethan Sessums Project Manager NTG Environmental New Mexico 209 W McKay St, Carlsbad, NM 88220 M: 254-266-5456 W: 432-701-2159

Email: esessums@ntglobal.com http://www.ntgenvironmental.com/



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Responsible Party Devon Energy Production Company

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

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	NAPP2112039086
District RP	
Facility ID	
Application ID	

## **Release Notification**

### **Responsible Party**

OGRID 6137

Contact Name Lupe Carrasco			Contact Te	elephone 575-7	748-0165	
Eupe.Carrasco@dvii.com			Incident #	Incident # (assigned by OCD)		
Contact mail	ing address	6488 Seven Ri	vers Hwy	•		
			Location	of Release So	ource	
Latitude 32	.36055	0		Longitude _	-103.5018	347
			(NAD 83 in dec	cimal degrees to 5 decin	nal places)	
Site Name Ga				Site Type C	Dil	
Date Release	Discovered	3/30/2021		API# (if app	licable)	
Unit Letter	Section	Township	Range	Coun	ntv	7
1	30	22S	34E	Lea	•	-
Crude Oil			l that apply and attach		justification for the	e volumes provided below) overed (bbls) 19 BBLS
Produced			d (bbls) 19 BBLS			
Troduced	water	Is the concentrate	tion of total dissolv water >10,000 mg	ved solids (TDS)	Youne Reco	overed (bbls) 21 BBLS No
Condensa	ite	Volume Release			Volume Reco	overed (bbls)
Natural G	ias	Volume Release	d (Mcf)		Volume Reco	overed (Mcf)
Other (de	scribe)	Volume/Weight	Released (provide	e units)	Volume/Weig	ght Recovered (provide units)
Cause of Rele	<sup>ease</sup> Wate	r dump line de	eveloped a lea	k. All fluid stay	ed on pad.	

Received by OCD: 3/20/2024 3:39:10 PMI Form C-141 State of New Mexico Page 2 Oil Conservation Division

Page d	4eof	663

Incident ID	NAPP2112039086
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Was this a major	If YES, for what reason(s) does the respo	nsible party consider this a major release?				
release as defined by 19.15.29.7(A) NMAC?	This is considered a major release because it is over 25 BBLS.					
, ,						
Yes No						
If VES, was immediate n	otice given to the OCD? By whom? To w	nom? When and by what means (phone, email, etc)?				
	ras given to the OCD by Lupe Ca	<u> </u>				
ininiediale notice w	as given to the OCD by Eupe Ca	1143CO 011 3/31/2021 by email.				
	Initial R	esponse				
The responsible	party must undertake the following actions immediate	ly unless they could create a safety hazard that would result in injury				
The source of the rele	**					
	as been secured to protect human health and					
		dikes, absorbent pads, or other containment devices.				
-	ecoverable materials have been removed an					
	d above have <u>not</u> been undertaken, explain	why:				
The spill was not in	containment.					
D 10 15 20 0 D (4) ND	M.C.I.					
		remediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred				
0 1		please attach all information needed for closure evaluation.				
		best of my knowledge and understand that pursuant to OCD rules and				
		fications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have				
failed to adequately investig	gate and remediate contamination that pose a three	eat to groundwater, surface water, human health or the environment. In				
addition, OCD acceptance of and/or regulations.	of a C-141 report does not relieve the operator of	responsibility for compliance with any other federal, state, or local laws				
Printed Name: Kendr	ra DeHoyos	Title: EHS Associate				
Signature: Kendra		Date: 4/30/2021				
email: Kendra.De	Hoyos@dvn.com	Telephone: 575-748-0167				
OCD Only						
	na Marcus	D. 4 . 5/10/2021				
Received by: Ramon	na Marcus	Date: <u>5/10/2021</u>				

Free Standing Fluid Only		
Area (square feet)	Depth(inches)	
<u>5315</u>	0.500	
Standing fluid	39.476	
Total fluids spilled 39.476		

Spil	Volume(Bbl	s) Calculator	
Inj	outs in blue, O	utputs in red	
Con	taminated Soil	measurement	
Area (squa	re feet)	Depth(inches)	
1246	80	0.010	
Cubic Feet of S	oil Impacted	103.900	
Barrels of Soi	l Impacted	18.52	
Soil T	ype	Clay/Sand	
Barrels of Oil Assuming 100% Saturation		2.78	
Saturation	Fluid presen	t with shovel/backhoe	
Estimated Barrels of Oil Released		2.78	
	Free Standing	Fluid Only	
Area (squa	re feet)	Depth(inches)	
2596		2.000	
Standing	gfluid	77.124	
Total fluid	s spilled	79.902	

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

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

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

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

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

CONDITIONS

Action 26451

#### **CONDITIONS OF APPROVAL**

Operator:			OGRID:	Action Number:	Action Type:
DEVON ENERGY PRODUCTION COMPAN	333 West Sheridan Ave.	Oklahoma City, OK73102	6137	26451	C-141

OCD Reviewer	Condition
marcus	None

	Page 17 of 66	13
Incident ID	nAPP2112039086	
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Facility ID		
Application ID		

## Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;55 (</u> ft bgs)			
Did this release impact groundwater or surface water?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No			
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No			
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No			
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No			
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No			
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	☐ Yes ⊠ No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
Characterization Report Checklist: Each of the following items must be included in the report.				
<ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li>Field data</li> <li>Data table of soil contaminant concentration data</li> <li>Depth to water determination</li> <li>Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>Boring or excavation logs</li> <li>Photographs including date and GIS information</li> <li>Topographic/Aerial maps</li> <li>Laboratory data including chain of custody</li> </ul>				

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

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name:Dale Woodall	_ Title:Env. Professional		
Signature:	Date:12/05/23		
email:dale.woodall@dvn.com	Telephone:575-748-1838		
OCD Only			
Received by: Date:			

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Incident ID	nAPP2112039086
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Facility ID	
Application ID	

# **Remediation Plan**

Remediation Plan Checklist: Each of the following items mu	est be included in the plan.		
<ul> <li>□ Detailed description of proposed remediation technique</li> <li>□ Scaled sitemap with GPS coordinates showing delineation points</li> <li>□ Estimated volume of material to be remediated</li> <li>□ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>□ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>			
Deferral Requests Only: Each of the following items must be	e confirmed as part of any request for deferral of remediation.		
☐ Contamination must be in areas immediately under or aroundeconstruction.	nd production equipment where remediation could cause a major facility		
☐ Contamination does not cause an imminent risk to human h	ealth, the environment, or groundwater.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name:Dale Woodall	_ Title:Env. professional		
Signature:	Date:12/05/23		
email:dale.woodall@dvn.com	Telephone:575-748-1838		
OCD Only			
· · · · · · · · · · · · · · · · · · ·			
Received by:	Date:		
Approved Approved with Attached Condition	s of Approval		
Signature:	Date:		

Received by OCD: 3/20/2024 3:39:10 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

Page 20 of 663

Incident ID nAPP2112039086

District RP
Facility ID
Application ID

## Closure

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

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

☐ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rer human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the O	mediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for ations. The responsible party acknowledges they must substantially midtions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.
Printed Name:Dale Woodall	Title:Env. Professional
Signature:	Date:12/05/23
email:dale.woodall@dvn.com	
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

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

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	nAPP2316340275
District RP	
Facility ID	
Application ID	

## **Release Notification**

### **Responsible Party**

Responsible Party Devon Energy Production Company			OGRID 61	OGRID 6137			
Contact Name Dale Woodall			Contact Te	Contact Telephone			
Contact emai	<sup>il</sup> Dale.Wo	odall@dvn.con	า	Incident #	(assigned by OCD)	)	
Contact mail	ing address	6488 Seven Ri	vers Hwy Artes	ia, NM 88210			
				<b>45.1</b> C			
		_	Location	of Release So			
Latitude 32	.36052	6		Longitude _	Longitude -103.501873		
			(NAD 83 in dec	cimal degrees to 5 decin	nal places)		
Site Name Ga	aucho Uni	t 30 CTB 1		Site Type C	Dil		
Date Release	Discovered	6/11/2023		API# (if app	plicable)		
11.41.4	gt'	T1.	D	Comme	1	7	
Unit Letter	Section	Township	Range	Coun	•	-	
l	30	22S	34E	Lea	<u>a</u>		
Surface Owner	r: State	☐ Federal ☐ Tr	ribal Private ( <i>N</i>	Name:		)	
			<b>3</b> 57 4 1		D 1		
			Nature and	l Volume of I	Release		
				calculations or specific		e volumes provided below)	
Crude Oil		Volume Release			Volume Recovered (bbls)		
■ Produced	Water	Volume Release	d (bbls) 7 BBLS		Volume Recovered (bbls) 5 BBLS		
Is the concentration of total dissolved solids (TD in the produced water >10,000 mg/l?			` /	Yes N	10		
Condensate Volume Released (bbls)				Volume Recovered (bbls)			
Natural Gas Volume Released (Mcf)				Volume Recovered (Mcf)			
Other (describe) Volume/Weight Released (provide units)		e units)	Volume/Weight Recovered (provide units)				
Cause of Rel	ease Wate	r line develope	ed leak.				
		с с. с					
1							

Received by OCD: 3/20/2024 3:39:10 PM State of New Mexico
Page 2 Oil Conservation Division

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			/

Incident ID	nAPP2316340275
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  ☐ Yes ■ No	If YES, for what reason(s) does the respon	
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
	Initial R	esponse
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury		
■ The impacted area ha ■ Released materials ha	ease has been stopped.  Is been secured to protect human health and ave been contained via the use of berms or decoverable materials have been removed an	likes, absorbent pads, or other containment devices.
	d above have <u>not</u> been undertaken, explain	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.		
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release noti ment. The acceptance of a C-141 report by the C ate and remediate contamination that pose a thre	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger CCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Kendr	a Ruiz	Title: EHS Associate
Signature: Kendra	ı Ruiz	Date: 6/20/2023
<sub>email:</sub> Kendra.Ru	iz@dvn.com	Telephone: 575-748-0167
OCD Only  Received by: Shelly	Wells	Date: 6/21/2023

		Bbls) Calculator
		Outputs in red
	Teaglise make as in	Soil measurement
Area (F	(t²)	Depth (in)
1694	1	0.250
Cubic Feet of Sc	il Impacted	<u>35.292</u>
Barrels of Soil Impacted		<u>6.29</u>
Soil Ty	pe	Clay/Sand
Barrels of Oil 100% Satu		0.94
Saturation	Damp	no fluid when squeezed
Estimated Barrels of Oil Released		0.9400
	Free Standi	ng Fluid Only
Area (F	(t²)	Depth (inches)
1674	1	0.250
Standing	fluid	6.211
Total fluids s surface		<u>7.151</u>

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

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

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

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

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

CONDITIONS

Action 230544

### CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	230544
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created I	By Condition	Condition Date
scwell	None	6/21/2023

	Page 25 of 663
Incident ID	nAPP2316340275
District RP	
Facility ID	
Application ID	

## **Site Assessment/Characterization**

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;55 (</u> ft bgs)	
Did this release impact groundwater or surface water?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No	
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No	
Are the lateral extents of the release within a 100-year floodplain?		
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.		
Characterization Report Checklist: Each of the following items must be included in the report.		
<ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li>☐ Field data</li> <li>☐ Data table of soil contaminant concentration data</li> <li>☐ Depth to water determination</li> <li>☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>☐ Boring or excavation logs</li> <li>☐ Photographs including date and GIS information</li> <li>☐ Topographic/Aerial maps</li> <li>☐ Laboratory data including chain of custody</li> </ul>		

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

Received by OCD: 3/20/2024 3:39:10 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

Page 26 of 663

Incident ID	nAPP2316340275
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the Gailed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	ifications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name:Dale Woodall	_ Title:Env. Professional
Signature:	Date:12/05/23
email:dale.woodall@dvn.com	Telephone:575-748-1838
OCD Only	
Received by:	Date:

te of New Mexico

Incident ID	nAPP2316340275
District RP	
Facility ID	
Application ID	

# **Remediation Plan**

Remediation Plan Checklist: Each of the following items mu	ust be included in the plan.
☐ Detailed description of proposed remediation technique ☐ Scaled sitemap with GPS coordinates showing delineation goes a coordinate stomage of the coordinate stomage of the coordinate showing delineation goes description. Estimated volume of material to be remediated ☐ Closure criteria is to Table 1 specifications subject to 19.15 ☐ Proposed schedule for remediation (note if remediation plant)	5.29.12(C)(4) NMAC
Deferral Requests Only: Each of the following items must be	e confirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around deconstruction.	nd production equipment where remediation could cause a major facility
☐ Contamination does not cause an imminent risk to human h	health, the environment, or groundwater.
Thought contifue that the information given shows is true and see	amilete to the heat of my Imperiledge and understand that museusent to OCD
rules and regulations all operators are required to report and/or which may endanger public health or the environment. The accliability should their operations have failed to adequately investigations.	mplete to the best of my knowledge and understand that pursuant to OCD file certain release notifications and perform corrective actions for releases ceptance of a C-141 report by the OCD does not relieve the operator of tigate and remediate contamination that pose a threat to groundwater, OCD acceptance of a C-141 report does not relieve the operator of ocal laws and/or regulations.
Printed Name:Dale Woodall	Title:Env. professional
Signature:	Date:12/05/23
email:dale.woodall@dvn.com	Telephone:575-748-1838
OCD Only	
Received by:	Date:
Approved Approved with Attached Condition	
Signature:	Date:

Page 28 of 663

Incident ID	nAPP2316340275
District RP	
Facility ID	
Application ID	

## Closure

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

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

	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regularestore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.15.2	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
email:dale.woodall@dvn.com	
och o l	
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party	of lightlity should their expensions have failed to adequately investigate and
	water, human health, or the environment nor does not relieve the responsible
remediate contamination that poses a threat to groundwater, surface	water, human health, or the environment nor does not relieve the responsible for regulations.

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

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	nAPP2235047407
District RP	
Facility ID	
Application ID	

## **Release Notification**

### **Responsible Party**

Responsible Party Devon Energy Production Company			OGRID 61	37		
Contact Name Dale Woodall			Contact Te	lephone		
Contact email Dale.Woodall@dvn.com			Incident #	(assigned by OCD)		
			vers Hwy Artes	ia, NM 88210		
Latitude 32	.360530	)		of Release So  Longitude _ cimal degrees to 5 decim	-103.501817	
Site Name Ga	aucho Uni	30 CTB 1		Site Type C	Dil	
Date Release	Discovered	12/16/2022		API# (if app		
Unit Letter	Section	Township	Range	Coun	ty	
	30	22S	34E	Lea	a	
	Materia	l(s) Released (Select a	ll that apply and attach	l Volume of I	justification for the volumes p	
Crude Oi		Volume Release			Volume Recovered (bl	,
Produced	Water		ed (bbls) 18 BBLS		Volume Recovered (bl	ols) 7 BBLS
Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?			, ,	☐ Yes ☐ No		
Condensate Volume Released (bbls)			Volume Recovered (bl			
Natural Gas Volume Released (Mcf)			Volume Recovered (M	lef)		
Other (describe) Volume/Weight Released (provide units)		,	Volume/Weight Recov	vered (provide units)		
Cause of Rel	<sup>ease</sup> Flang	e on SWD off	load develope	ed leak causing	spill on location.	

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Page	LOCATION AND	, ,	1127
	-0-1	_	,

Incident ID	nAPP2235047407
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	nsible party consider this a major release?
☐ Yes ■ No		
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
	Initial R	esponse
The responsible	party must undertake the following actions immediated	y unless they could create a safety hazard that would result in injury
■ The source of the rele	ease has been stopped.	
■ The impacted area ha	s been secured to protect human health and	the environment.
■ Released materials ha	ave been contained via the use of berms or o	ikes, absorbent pads, or other containment devices.
■ All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
D 10.15.20.0 D (4) 3114		
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred clease attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and
		fications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have
		at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Kendr	a Ruiz	Title: EHS Associate
Signature: Kendra	ı Ruiz	Date: 1/4/2023_
<sub>email:</sub> Kendra.Ru		Telephone: 575-748-0167
OCD Only		
Received by:Jocely	yn Harimon	Date:01/04/2023

-	oill Volume(Bbls	Contract of the Contract of th
C	ontaminated Soil r	measurement
Length(Ft)	Width(Ft)	Depth(Ft)
		0.021
Cubic Feet of	Soil Impacted	0.000
Barrels of So	il Impacted	0.00
Soil 7	ype	Clay/Sand
Barrels of Oil Assuming 100% Saturation		0.00
Saturation	Fluid present	t with shovel/backhoe
Estimated Barrels of Oil Released		0.00
	Free Standing F	luid Only
Length(Ft)	Width(Ft)	Depth(Ft)
<u>30</u>	14.000	0.250
Standin	g fluid	18.675
Total fluids spilled		18.675

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

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

District III

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

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

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

CONDITIONS

Action 172138

### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	172138
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By		Condition Date
jharimon	None	1/4/2023

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Incident ID	nAPP2235047407
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;55 (</u> ft bgs)	
Did this release impact groundwater or surface water?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No	
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Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No	
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No	
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	☐ Yes ⊠ No	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil	
Characterization Report Checklist: Each of the following items must be included in the report.		
<ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li>Field data</li> <li>Data table of soil contaminant concentration data</li> <li>Depth to water determination</li> <li>Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>Boring or excavation logs</li> <li>Photographs including date and GIS information</li> <li>Topographic/Aerial maps</li> <li>Laboratory data including chain of custody</li> </ul>		

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

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	Page 34 of 6	0.
ID	nAPP2235047407	

Incident ID	nAPP2235047407
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Printed Name:Dale Woodall	Title:Env. Professional	
Signature:	Date:12/05/23	
email:dale.woodall@dvn.com	Telephone:575-748-1838	
OCD Only		
Received by:	Date:	

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Incident ID	nAPP2235047407
District RP	
Facility ID	
Application ID	

# **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.		
□ Detailed description of proposed remediation technique □ Scaled sitemap with GPS coordinates showing delineation points □ Estimated volume of material to be remediated □ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC □ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)		
Deferral Requests Only: Each of the following items must be	e confirmed as part of any request for deferral of remediation.	
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.		
☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.		
Thought contifue that the information given shows is true and see	amiliate to the heat of my Imperiledge and understand that assessment to OCD	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Printed Name:Dale Woodall	Title:Env. professional	
Signature:	Date:12/05/23	
email:dale.woodall@dvn.com	Telephone:575-748-1838	
OCD Only		
Received by:	Date:	
Approved Approved with Attached Condition		
Signature:	Date:	

Received by OCD: 3/20/2024 3:39:10 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

Page 36 of 663

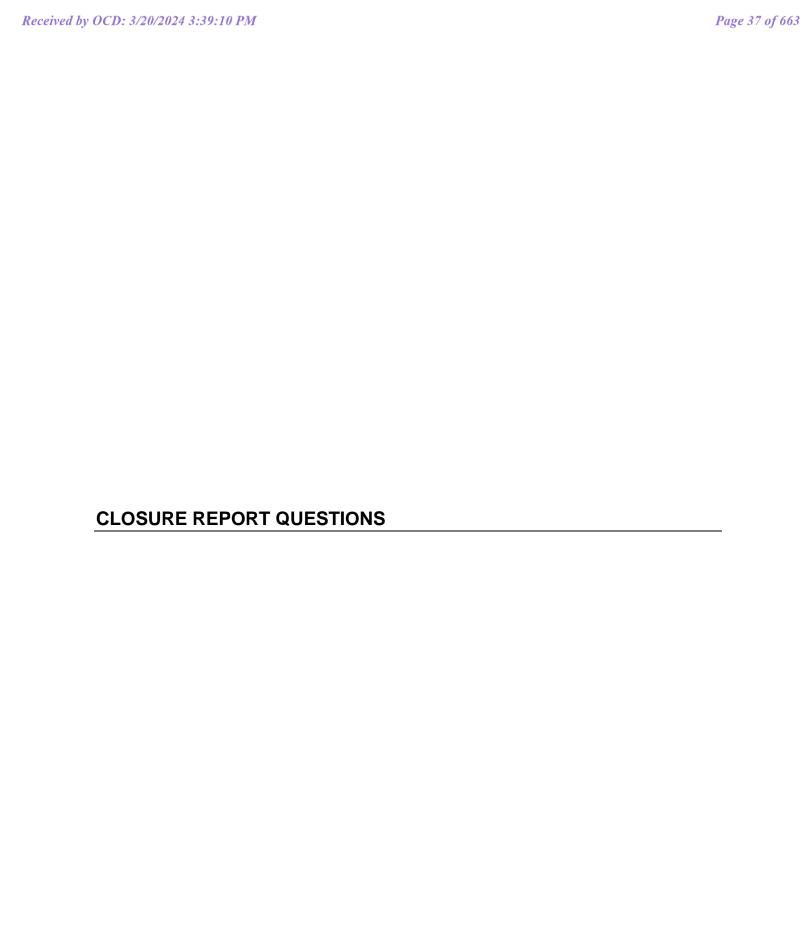
Incident ID	nAPP2235047407
District RP	
Facility ID	
Application ID	

## Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC		
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)		
☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)		
□ Description of remediation activities		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.  Printed Name:		
Signature:	Date:12/05/23	
email:dale.woodall@dvn.com	Telephone:575-748-1838	
OCD Only		
Received by:	Date:	
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.		
Closure Approved by:	Date:	
Printed Name:	Title:	



- 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 bgs**
- What method was used to determine the depth to ground water? **NMOSE database**
- Did this release impact groundwater or surface water? **No**What is the minimum distance, between the closest lateral extents of the release and the following surface areas:
- A continuously flowing watercourse or any other significant watercourse? Between 1 and 5 miles
- Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? Between 1 and 5 miles
- An occupied permanent residence, school, hospital, institution or church? Between 1 and 5 miles
- A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? **Between 1 and 5 miles**
- Any other fresh water well or spring? **Between 1 and 5 miles**
- Incorporated municipal boundaries or within a defined municipal fresh water well field? **Between 1 and 5 miles**
- A wetland? **Between 1 and 5 miles**
- A subsurface mine? **Between 1 and 5 miles**
- An (non-karst) unstable area? **Between 1 and 5 miles**
- Categorize the risk of this well / site being in a karst geology? Low karst potential
- A 100-year floodplain? **Between 1 and 5 miles**
- Did the release impact areas not on an exploration, development, production, or storage site? No



#### **NMOCD Closure Criteria**

#### Gaucho CTB 30 1

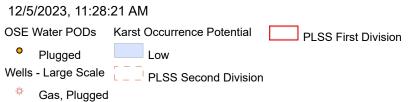
Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater ( ft bgs)	>55	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	National Wetlands Inventory (NWS)
Horizontal Distance to Nearest Significant Watercourse (ft)	N/A	National Wetlands Inventory (NWS)

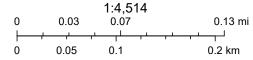
Closure Criteria (19.1	5.29.12.B(4) a	nd Table 1 NM	AC)						
Donth to Craymduster (f4)		Closure Criteria (mg/kg)							
Depth to Groundwater (ft)		Chloride*	TPH	GRO + DRO	BTEX	Benzene			
< 50		600	100		50	10			
51 - 100	х	10,000	2,500	1,000	50	10			
>100		20,000	2,500	1,000	50	10			
Surface Water	Yes/No			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?									
by less that 5 households for dofficatio of livestock purposes:	No								
<1,000 ft from a fresh water well or spring?	No								
Human 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?	Yes								
Within a 100 yr floodplain?	No								

<sup>\* -</sup> numerical limit or background, whichever is greater

### Gaucho CTB 30 1

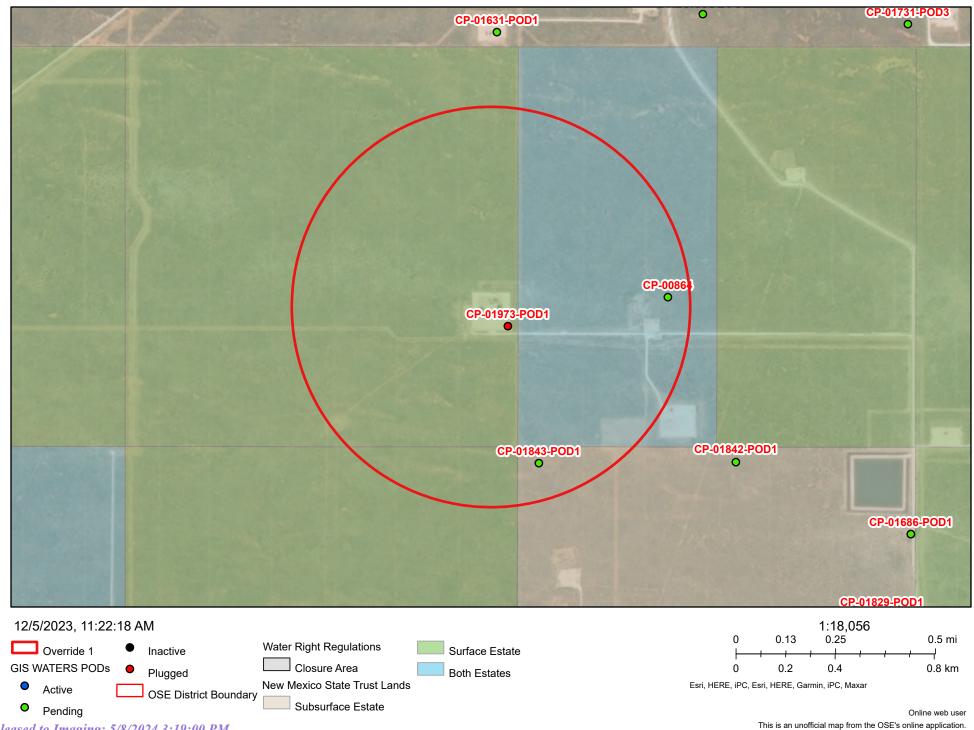






BLM, OCD, New Mexico Tech, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., USGS, OCD, Maxar,

## **OSE POD Location Map**



## WELL RECORD & LOG

### OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

	OSE POD 1	NO (WELL	NO )		WELL TAG ID NO.			000 000					
NO	CP-1973		,		WELL TAG ID NO.			OSE FILE NO	(S).				
OCATI	WELL OW Devon E		` '					PHONE (OPT)	ONAL)				
GENERAL AND WELL LOCATION	WELLOW 205 E. Be		ING ADDRESS ad #150				<u>.</u>	CITY Hobbs		STATE NM 88240	ZIP		
TAND	WELI LOCATI		LATITUDE	DEGREES 32	MINUTES S	SECONDS 35.3"	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND					
NERA	(FROM C	GPS)	LONGITUDE	103	30'	3.87"	W	* DATUM RE	QUIRED: WGS 84				
1. GE	DESCRIPT	ION RELA	TING WELL LOCATION	N TO STREET AD	DRESS AND COMMON LA	NDMARK	(S – PLS	S (SECTION, TO	WNSHJIP, RANGE) W	HERE AVAILABLE			
	LICENSE N	o. 333	NAME OF LICEN	SED DRILLER	Jason Maley				NAME OF WELL DI	ULLING COMPANY Vision Resources			
	DRILLING 7-2	STARTED 7-23	DRILLING ENDI 7-27-23	DEPTH OF C	COMPLETED WELL (FT) 55'	ВС		E DEPTH (FT) 55'	DEPTH WATER FIR	ST ENCOUNTERED (FI	)		
No	COMPLÉTE	D WELL IS	: ARTESIAN ' Centralizer in	add 🚺 DRY H	OLE SHALLOW (U	JNCONFI	NED)		WATER LEVEL PLETED WELL [	DATE STATIC	MEASURED		
TY.	DRILLING F		☑ AIR	[] MUD	ADDITIVES -								
S S	-		/ ROTARY   H	7	The state of the s		:	4	CHECK INSTAI	HERE IF PITLESS ADA LLED	PTER IS		
CASING INFORMATION	FROM	(feet bgl)	BORE HOL DIAM (inches)	(include	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)  CASING CASING CONNECT TYPE (add coupling)				CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)		
် အ	0	45	6		2" PVC SCH 40	(ad		ng diameter) read	2"	SCH 40	(menes)		
INC	45	55	6		" PVC SCH 40 Thread			read	2"	SCH 40	.02		
DRILLING					, , , , , , , , , , , , , , , , , , , ,								
2.D	·				-								
30.		7				_							
						<del> [.</del>							
74 A	DEPTH	(feet bgl)	BORE HOLI	LIST ANN	JLAR SEAL MATERIAL		AVELF	ACK SIZE-	AMOUNT		,		
3. ANNULAR MATERIAL	FROM	то	DIAM. (inche	()	RANGE BY INT ntralizers for Artesian we		ite the sr	acing below)	(cubic feet)	METHOI PLACEM			
VTET					None pulled and	plugged							
RM													
ULA		.,	-								···		
NA													
***   -													
ron a	OF Dime-	717 710-	<u> </u>				<del></del>						
FOR C	OSE INTERI NO.	NAL USE			POD NO.			WR-20		LOG (Version 09/22/	2022)		
LOCA	TION						W	ELL TAG ID 1		PAGE 1	OF 2		
			·								i		

7	DEPTH (	Cont I - 1	Title		<del></del>	
	FROM	TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZON (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES/NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	10	10	Red coarse sand	Y VN	Estab (gpiii)
	10	20	10	Red coarse sand to Light tan fine sand	Y. VN	
	20	40	20	Brown medium course sand with small rock	Y VN	
	40	55	15	Tan fine sand with small white rock	Y √N	
					Y N	
ָרָ <u>.</u>					Y N	<u></u>
4. HYDROGEOLOGIC LOG OF WELL		Y N				
O.		Y N				
507		Y N				
		Y N				
Į į	4	YN				
335		Y N				
DRO		Y N				
Ξ		Y N				
1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Y N				
					Y N	<u> </u>
		Y N				
			Y · N			
		YN				
					Y N	
					Y N	
	METHOD US	ED TO EST	ΓIMATE YIELD (	DF WATER-BEARING STRATA:	TOTAL ESTIMATED	
	PUMP	AII	R LIFT	BAILER OTHER - SPECIFY:	WELL YIELD (gpm):	0
SION	WELL TEST	TEST R START	ESULTS - ATTA TIME, END TIM	CH A COPY OF DATA COLLECTED DURING WELL TESTING, INC E, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVE	LUDING DISCHARGE NET THE TESTING PERIC	METHOD,
VISI	MISCELLAN	EOUS INFO	DRMATION:		The second secon	
PER						
test; rig supervi						ĺ
RIC						
EST	PRINT NAME	F(S) OF DRI	II 1 RIG STIPERS	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONS		
٠.vi	Jason Maley	2(D) OI DIG	LE IGO BOI ER (	1301(2) THAT TROVIDED ONSITE SUPERVISION OF WELL CONS	FIRUCTION OTHER TH	AN LICENSEE:
	Jason Maley					
	THE UNDER	SIGNED HE	REBY CERTIFII	ES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELI	EF, THE FOREGOING IS	S A TRUE AND
SIGNATURE	COMMECTIM	COKD OF	THE ABOVE DE	SCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL R DAYS AFTER COMPLETION OF WELL DRILLING:	ECORD WITH THE STA	TE ENGINEER
NAT			(,			
SIG	$\searrow$	$\Lambda \Lambda \prime$	n V	Jason Maley	8-7-23	
છ		SIGNATU:	RE OF DRILLER	/ PRINT SIGNEE NAME	DATE	
· · · · · · ·		<u>J </u>	1.100		DATE	
	OSE INTERNA	AL USE			L RECORD & LOG (Vers	ion 09/22/2022)
}	E NO. CATION			POD NO. TRN NO.		
LUC	MUMIA			WELL TAG ID NO.	· •••	PAGE 2 OF 2



# PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

State Engineer Well Number: CP-1973-POD1  Well owner: Devon Energy Resources Phone No.:  Mailing address: 205 E. Bender Road #150  City: Hobbs State: NM Zip code: 88240  II. WELL PLUGGING INFORMATION:  1) Name of well drilling company that plugged well: Vision Resources INC  2) New Mexico Well Driller License No.: WD1833 Expiration Date: 10-7-23  3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):	I. GF	ENERAL / WELL OWNERSHIP:			
Mailing address:  City: Hobbs  State: NM  Zip code: 88240   H. WELL PLUGGING INFORMATION:  Name of well drilling company that plugged well: Vision Resources INC  New Mexico Well Driller License No.: WD1833  Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):					
Mailing address: 205 E. Bender Road #150  City: Hobbs State: NM Zip code: 88240  H. WELL PLUGGING INFORMATION:  Name of well drilling company that plugged well: Vision Resources INC  New Mexico Well Driller License No.: WD1833 Expiration Date: 10-7-23  Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):				Phone No.	
Name of well drilling company that plugged well:   Vision Resources INC	Mailir	ng address: 205 E. Bender Road #150			
Name of well drilling company that plugged well:   Vision Resources INC	City:	Hobbs	State:	NM	Zip code: 88240
Name of well drilling company that plugged well: Vision Resources INC  New Mexico Well Driller License No.: WD1833 Expiration Date: 10-7-23  Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):					
New Mexico Well Driller License No.: WD1833 Expiration Date: 10-7-23  Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):	II. W	ELL PLUGGING INFORMATION:			
Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):  Jason Maley  Date well plugging began:  7-31-23  Date well plugging concluded:  7-31-23  5) GPS Well Location:  Latitude:  103 deg,  103 deg,  104 min,  105 sec  Longitude:  105 ft below ground level (bgl),  Depth of well confirmed at initiation of plugging as:  55 ft below ground level (bgl),  by the following manner:  Tape  Tape  Tape  Tape  The place des  Tape  Were all plugging activities consistent with an approved plugging plan?  Yes  If not place des  Tape des	1)	Name of well drilling company that pl	ugged well: Vision	Resources INC	
Date well plugging began: 7-31-23  Date well plugging concluded: 7-31-23  5) GPS Well Location: Latitude: 32 deg, 21' min, 35.3" sec Longitude: 103 deg, 30' min, 3.87" sec, WGS 84  6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl), by the following manner: Tape  7) Static water level measured at initiation of plugging: Dry ft bgl  8) Date well plugging plan of operations was approved by the State Engineer: 7-13-2023  Were all plugging activities consistent with an approved plugging plan? Yes If not place decrease decrease and the plugging activities consistent with an approved plugging plan?	2)	New Mexico Well Driller License No.	: WD1833	ĵ	Expiration Date: 10-7-23
5) GPS Well Location: Latitude: 32 deg, 21' min, 35.3" sec Longitude: 103 deg, 30' min, 387" sec, WGS 84  6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl), by the following manner: Tape  7) Static water level measured at initiation of plugging: Dry ft bgl  8) Date well plugging plan of operations was approved by the State Engineer: 7-13-2023  Were all plugging activities consistent with an approved plugging plan? Yes If not places does a place of the places of the place of the places of the	3)				risor(s):
Depth of well confirmed at initiation of plugging as:55 ft below ground level (bgl), by the following manner:	4)	Date well plugging began: 7-31-23	D	ate well plugging conclu	uded: 7-31-23
by the following manner: Tape  7) Static water level measured at initiation of plugging: Dry ft bgl  8) Date well plugging plan of operations was approved by the State Engineer: 7-13-2023  9) Were all plugging activities consistent with an approved plugging plan? Yes If not place does not be approved by the State Engineer: Table 20.	5)	GPS Well Location: Latitude: Longitude:	32 deg, 103 deg,	21' min, 330' min, 33.	5.3" sec .87" sec, WGS 84
<ul> <li>Date well plugging plan of operations was approved by the State Engineer: 7-13-2023</li> <li>Were all plugging activities consistent with an approved plugging plan?</li> </ul>	6)	Depth of well confirmed at initiation of by the following manner: Tape	f plugging as:5		, - //
9) Were all plugging activities consistent with an approved plugging plan? Yes If not places does	7)	Static water level measured at initiation	of plugging:D	ry ft bgl	
Were all plugging activities consistent with an approved plugging plan? Yes If not, please des differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed)	8)	Date well plugging plan of operations v	was approved by the	State Engineer: 7-13-	2023
	9)	Were all plugging activities consistent differences between the approved plugg	with an approved pluging plan and the we	ugging plan? Yes ill as it was plugged (atta	If not, please describe ach additional pages as needed):
					·
	<u> </u>				

Version: September 8, 2009 Page 1 of 2 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

### For each interval plugged, describe within the following columns:

(ft bgl) (include any additives used) (gallons) (gallons) (tremie pipe, other) ("casing per annular space")	
0 81 81 open hole	
- Bentonite Chips	
55	
<b>-</b>	
	1
-	
MULTIPLY BY AND OBTAIN  cubic feet x 7.4805 = gallons  cubic vards x 201.97 = gallons	

#### cubic feet x 7.4505 = gallons cubic yards x 201.97 = gallons

<u>ш.</u>	<u>S1</u>	GN	A	ΓU	RE:

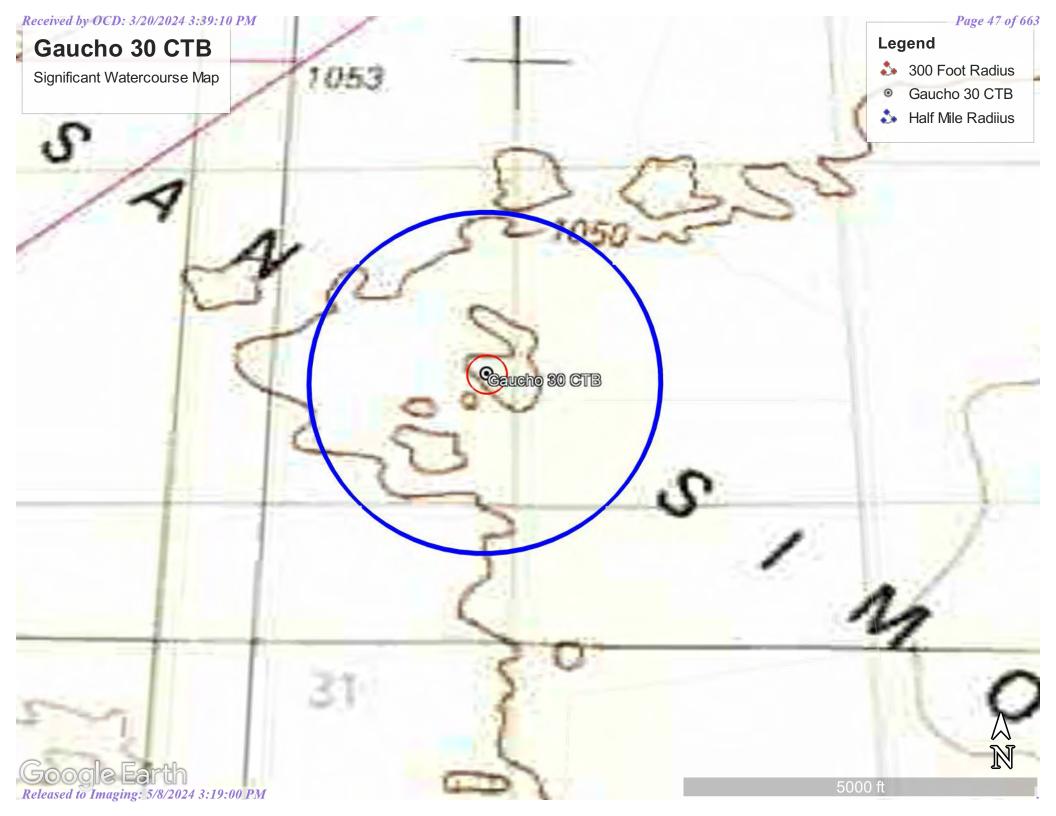
I, Jason Maley	say that I am fam	niliar with the rules of t	the Office of the State
Engineer pertaining to the plugging of we	ls and that each and all of the star	tements in this Plugging	Record and attachment
are true to the best of my knowledge and b	elief.		

Signature of Well Driller

8-7-23

Version: September 8, 2009 Page 2 of 2

Date





### Gaucho 30 CTB 1



January 11, 2023

#### Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

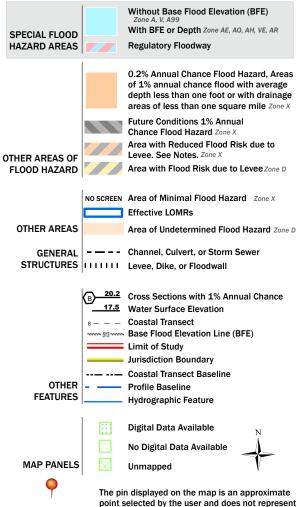
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

# Received by OCD: 3/20/2024 3:39:10 PM National Flood Hazard Layer FIRMette





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



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

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/11/2023 at 11:20 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.



**TABLES** 

#### Table 1A Summary of Soil Analytical Data - Delineation Samples Gaucho 30 CTB 1 - nAPP2112039086

#### Devon Energy Production Company Lea County, New Mexico

										TPH			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6 C-10)	DRO (C10- C28)	GRO + DRO (C6-C28	MRO (C28- C35)	Total GRO/DRO/MRO (C6-C35	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Т	able I Closur	e Criteria for S	oil >100 feet	Depth to Grou	ndwater 19.15.2	9 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
							nation Sample						
	1/26/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	234	234	53.7	287.7	64
	1/26/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
TP-1	1/26/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	1/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.9	27.9	<10.0	<10.0	48
	1/26/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	1/26/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	430	430	83.3	513.3	80
	1/26/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
	1/26/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	153	153	33	186	176
	1/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
TP-2	1/26/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	332	332	97.8	429.8	144
	1/26/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
	1/26/2023	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	1/26/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	1/26/2023	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	48.9	48.9	<10.0	48.9	176
	1/26/2023	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
	1/26/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	4480	4480	1160	5640	528
	1/26/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	31.5	2010	2041.5	428	2469.5	320
	1/26/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	999	999	232	1231	384
	1/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	328	328	89.4	417.4	608
TP-3	1/26/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	40.6	2660	2700.6	534	3234.6	992
	1/26/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	11.8	488	499.8	116	615.8	1500
	1/26/2023	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	150	150	33.7	183.7	240
	1/26/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
	1/26/2023	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	49.9	49.9	<10.0	49.9	336
	1/26/2023	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
	1/26/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	22.6	3530	3552.6	691	4243.6	1090
	1/26/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	938	938	218	1156	1140
	1/26/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	655	655	155	810	304
	1/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	28.5	28.5	<10.0	28.5	2120
TP-4	1/26/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1990	1990	544	2534	1790
	1/26/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
	1/26/2023	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	114	114	28.9	142.9	608
	1/26/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	72.4	72.4	19.6	92	784
	1/26/2023	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	1/26/2023	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
	1/26/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
TD -	1/26/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
TP-5	1/26/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	132	132	11.6	143.6	128
	1/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	54.4	54.4	<10.0	54.4	128
	1/26/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
TP-6	1/26/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	1/26/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32

NTGE Project Number: 236730

#### Table 1A

#### Summary of Soil Analytical Data - Delineation Samples Gaucho 30 CTB 1 - nAPP2112039086 Devon Energy Production Company Lea County, New Mexico

										TPH			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO (C6-C28	MRO (C28- C35)	Total GRO/DRO/MRO (C6-C35	Chloride
·	·	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Ta	able I Closur	e Criteria for S	oil >100 feet I	Depth to Grou	ndwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
	1/26/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
TP-6	1/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	1/26/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	1/26/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	1/26/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
TP-7	1/26/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	1/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
	1/26/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
						Horizont	al Samples						
H-1	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13	13	<10.0	13	64
H-2	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
H-3	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
H-4	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
H-5	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
H-6	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
H-7	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
H-8	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64

#### Notes:

- 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

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# Table 1B Summary of Soil Analytical Data - Delineation Samples Gaucho 30 CTB 1 - nAPP2316340275 Devon Energy Production Company Lea County, New Mexico

									TPH				
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6	DRO (C10-	CDO - DDO	MRO (C28-	Total	Chloride
		Depth						C-10)	C28)	GRO + DRO	C35)	GRO/DRO/MRO	
Sample ID	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)
					T	able I Closur	e Criteria for S	oil >100 feet	Depth to Grou	ndwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg			1000 mg/kg		2,500 mg/kg	10,000 mg/kg
					\	ertical Delin	eation Sample	es					
	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1140
	6/22/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4800
S-1	6/22/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3920
	6/22/2023	3-3.5'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1760
	6/22/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2160
	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	11700
	6/22/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2600
S-2	6/22/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3520
	6/22/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3720
	6/22/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5760
	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9440
	6/22/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
S-3	6/22/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
	6/22/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
	6/22/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16000
	6/22/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3000
S-4	6/22/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
	6/22/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	6/22/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
					Ho	rizontal Del	neation Samp	les					
H-1	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.4	24.4	21.7	46.1	176
H-2	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.1	15.1	<10.0	15.1	64
H-3	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
H-4	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.1	20.1	<10.0	20.1	896
H-5	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
H-6	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.3	10.3	<10.0	10.3	400

#### Notes:

- 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 1C Summary of Soil Analytical Data - Delineation Samples Gaucho 30 CTB 1 - nAPP2235047407 Devon Energy Production Company Lea County, New Mexico

										ТРН			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-	DRO (C10-	GRO + DRO	MRO (C28-	Total	Chloride
Commis ID	Committee Bode	Depth						C-10)	C28)	GRO + DRO	C35)	GRO/DRO/MRO	
Sample ID	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)
					Tal	ble I Closure	Criteria for So	il 51-100 feet	Depth to Grou	ndwater 19.15.2	9 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
					Ho	rizontal Deli	neation Samp	les					
H-1	1/4/2023	0-6"	0.00242	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	103
H-2	1/4/2023	0-6"	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	412
H-3	1/4/2023	0-6"	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	499
H-4	1/4/2023	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	488
H-5	1/4/2023	0-6"	<0.00198	<0.00198	<0.00198	<0.00397	< 0.00397	<49.9	<49.9	<49.9	<49.9	<49.9	178
H-6	1/4/2023	0-6"	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	426
H-7	1/4/2023	0-6"	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	888
H-8	1/4/2023	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	1250
					V	ertical Delin	eation Sample	es					
	1/4/2023	0-1'	<0.0401	<0.0401	<0.0401	<0.0802	<0.0802	<49.9	<49.9	<49.9	<49.9	<49.9	13700
	1/4/2023	1-1.5'	0.00445	0.00396	<0.00200	<0.00399	0.00841	<49.8	<49.8	<49.8	<49.8	<49.8	10600
S-1	1/4/2023	2-2.5'	0.00337	0.00315	<0.00199	<0.00398	0.00652	<49.9	<49.9	<49.9	<49.9	<49.9	7430
	1/4/2023	3-3.5'	0.0053	0.00706	<0.00200	<0.00399	0.0124	<49.8	<49.8	<49.8	<49.8	<49.8	4940
	1/4/2023	4-4.5'	0.00413	0.00465	<0.00201	<0.00402	0.00878	<49.9	<49.9	<49.9	<49.9	<49.9	5110
	1/4/2023	0-1'	<0.0402	<0.0402	<0.0402	<0.0803	<0.0803	<49.9	<49.9	<49.9	<49.9	<49.9	18600
	1/4/2023	1-1.5'	0.00334	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	14600
S-2	1/4/2023	2-2.5'	< 0.00199	< 0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	9770
	1/4/2023	3-3.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	9290
	1/4/2023	4-4.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	10900
	1/4/2023	0-1'	<0.00200	<0.00200	<0.00200	0.00781	0.00781	<50.0	<50.0	<50.0	<50.0	<50.0	8430
	1/4/2023	1-1.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	5660
S-3	1/4/2023	2-2.5'	<0.00199	< 0.00199	< 0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	4890
	1/4/2023	3-3.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	4410
	1/4/2023	4-4.5'	0.0025	0.00236	<0.00201	<0.00402	0.00486	<49.9	<49.9	<49.9	<49.9	<49.9	5550
	2/3/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2800
	2/3/2023	7'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4240
TP-1	2/3/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
16-1	2/3/2023	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3600
	2/3/2023	10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2720
[	2/3/2023	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	912
	2/3/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3280
[	2/3/2023	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
TP-2	2/3/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
117-2	2/3/2023	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
[	2/3/2023	10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
	2/3/2023	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32

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#### Table 1C

#### Summary of Soil Analytical Data - Delineation Samples Gaucho 30 CTB 1 - nAPP2235047407 Devon Energy Production Company Lea County, New Mexico

										TPH					
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-	DRO (C10-	GRO + DRO	MRO (C28-	Total	Chloride		
Committee ID		Depth						C-10)	C28)	GRO + DRO	C35)	GRO/DRO/MRO			
Sample ID	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)		
					Tal	ole I Closure	Criteria for So	il 51-100 feet	Depth to Grou	ındwater 19.15.2	ndwater 19.15.29 NMAC				
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg		
	2/3/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4720		
	2/3/2023	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464		
TP-3	2/3/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160		
11-5	2/3/2023	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1570		
	2/3/2023	10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3360		
	2/3/2023	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3600		

#### Notes:

- 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

NTGE Project Number: 236730

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Gaucho 30 CTB 1
Devon Energy Production Company
Lea County, New Mexico

										ТРН			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX		DRO (C10-	GRO + DRO	MRO (C28-	Total	Chloride
Sample ID	Sample Date	Depth	(mm m /lom)	(ma = (la=)	((1)	(mag/lug)	(mag/lag)	C-10)	C28)	/ /l\	C35)	GRO/DRO/MRO	(may /log)
·		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg) indwater 19.15.2	(mg/kg)	(mg/kg)	(mg/kg)
			10 //			bie i Ciosure						0.700 //	10.000 //
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
			1	1			n Base Sample	1	1		•	Ī	
CS-1	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-2	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-3	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<50.0	12.6	12.6	<10.0	12.6	288
CS-4	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.1	15.1	<10.0	15.1	192
CS-5	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1280	1280	310	1590	352
CS-6	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	30.5	30.5	<10.0	30.5	144
CS-7	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	56.5	56.5	<10.0	56.5	160
CS-8	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	11.4	7430	7441.4	1540	8981.4	1090
CS-9	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-10	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
CS-11	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.1	15.1	<10.0	15.1	288
CS-12	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-13	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	36.6	36.6	<10.0	36.6	160
CS-14	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.4	24.4	<10.0	24.4	464
CS-15	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	44.7	44.7	<10.0	44.7	560
CS-16	10/2/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	784
CS-17	10/2/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15	15	<10.0	15	224
66.40	10/2/2023	<del>6'</del>	<del>&lt;0.050</del>	< <del>0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	< <del>10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>10100</del>
CS-18	10/13/2023	7'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	30.6	30.6	<50.0	30.6	80.4
00.10	10/2/2023	<del>6'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>25.2</del>	<del>25.2</del>	<del>&lt;10.0</del>	<del>25.2</del>	<del>16400</del>
CS-19	10/13/2023	7'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	61.2	61.2	<50.0	61.2	406
CS-20	10/2/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	19.1	19.1	<10.0	19.1	3720
CS-21	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-22	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
CS-23	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
CS-24	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-25	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-26	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-27	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3360
CS-28	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5920
CS-29	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	60.1	60.1	10.8	70.9	96
CS-30	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1120
CS-31	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2480
CS-32	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2560
CS-33	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
CS-34	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-35	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.3	22.3	<10.0	22.3	32
C3-33	10/3/2023	4	\U.U3U	\U.U3U	\U.U3U	\U.13U	<b>\</b> 0.300	\1U.U	22.3	22.3	<b>\10.0</b>	44.3	34

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Table 2
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Gaucho 30 CTB 1
Devon Energy Production Company
Lea County, New Mexico

										TPH			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-	DRO (C10-		MRO (C28-	Total	Chloride  (mg/kg)  10,000 mg/kg  16  32  128  304  39.9  48  48  16  16  32  16  96  544  336  48  <16.0  16  192  576  16  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0  <16.0
		Depth						C-10)	C28)	GRO + DRO	C35)	GRO/DRO/MRO	
Sample ID	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)
		,			Та	ble I Closure	Criteria for So	oil 51-100 feet	Depth to Grou	undwater 19.15.2	29 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
CS-36	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-37	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-38	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-39	10/5/2023	4 <u>'</u>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>1580</del>	<del>1580</del>	4 <del>52</del>	<del>2032</del>	<del>304</del>
C3-39	10/13/2023	5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	39.9
CS-40	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.1	16.1	10.7	26.8	48
CS-41	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-42	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-43	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.4	10.4	<10.0	10.4	16
CS-44	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-45	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-46	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-47	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
CS-48	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.9	14.9	<10.0	14.9	336
CS-49	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.8	18.8	<10.0	18.8	48
CS-50	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-51	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-52	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.4	13.4	<10.0	13.4	192
CS-53	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
CS-54	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-55	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-56	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-57	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-58	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-59	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-60	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-61	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-62	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-63	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-64	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-65	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-66	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-67	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	
CS-68	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	
CS-69	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-70	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-71	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	
CS-72	10/5/2023	2'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

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										ТРН			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-	DRO (C10-		MRO (C28-	Total	Chloride
		Depth						C-10)	C28)	GRO + DRO	C35)	GRO/DRO/MRO	
Sample ID	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)
					Та	ble I Closure	Criteria for So	il 51-100 feet	Depth to Grou	ındwater 19.15.2	9 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
CS-73	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	230	230	58.7	288.7	<16.0
CS-74	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-75	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-76	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-77	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	38	38	16	54	112
CS-78	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	126	126	46.9	172.9	16
CS-79	10/5/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-80	10/5/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
CS-81	10/5/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2160
CS-82	10/5/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2520
CS-83	10/5/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2280
CS-84	10/5/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3200
CS-85	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	94.4	94.4	57.8	152.2	<20.0
CS-86	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	178	178	140	318	<20.0
CS-87	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	170	170	111	281	<20.0
CS-88	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	63.5	63.5	54.8	118.3	<20.0
CS-89	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	<20.0
CS-90	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	42.7	42.7	<50.0	42.7	<20.0
CS-91	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	34.7	34.7	<50.0	34.7	<20.0
CS-92	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	<20.0
CS-93	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	39.5	39.5	<50.0	39.5	<20.0
CS-94	10/20/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
					Co	onfirmation S	Sidewall Samp	les					
SW-1	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
SW-2	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-3	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1960
SW-4	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-5	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	39.9	39.9	<10.0	39.9	112
SW-6	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-7	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-8	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-9	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	168	168	23.7	191.7	144
SW-10	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	3360	3360	1100	4460	256
SW-11	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	28.2	5790	5818.2	1310	7128.2	128
SW-12	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	162	162	41	203	256
SW-13	10/2/2023	0-4'	<del>&lt;0.050</del>	< <del>0.050</del>	< <del>0.050</del>	< <del>0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>274</del>	<del>274</del>	40.3	<del>314.3</del>	416
SW-13A	10/13/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	409
SW-14	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48

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Table 2
Summary of Soil Analytical Data - Confirmation Samples
Gaucho 30 CTB 1
Devon Energy Production Company
Lea County, New Mexico

										TPH			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-	DRO (C10-		MRO (C28-	Total	Chloride
		Depth						C-10)	C28)	GRO + DRO	C35)	GRO/DRO/MRO	
Sample ID	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)
					Та	ble I Closure	Criteria for So	oil 51-100 feet	Depth to Grou	undwater 19.15.2	9 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
SW-15	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-16	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.2	24.2	<10.0	24.2	208
SW-17	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13100	13100	4880	17980	1490
SW-18	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2680	2680	1110	3790	1090
SW-19	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2740	2740	1070	3810	1330
SW-20	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8000
SW-21	10/2/2023	0-4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
SW-22	10/2/2023	0-4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	34.5	34.5	<10.0	34.5	160
SW-23	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-24	10/2/2023	4-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
SW-25	10/2/2023	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1150
SW-26	10/2/2023	0-6'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-27	10/2/2023	4-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-28	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
SW-29	10/2/2023	0-4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-30	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-31	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2560
SW-32	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-33	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-34	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-35	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.6	21.6	<10.0	21.6	<16.0
SW-36	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-37	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-38	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW-39	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-40	10/5/2023	0-4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-41	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.1	32.1	<10.0	32.1	192
SW-42	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SW-43	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-44	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16	16	<10.0	16	32
SW-45	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.6	32.6	<10.0	32.6	96
SW-46	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-47	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
SW-48	10/5/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-49	10/5/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-50	10/5/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-51	10/5/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
<del>SW-52</del>	10/5/2023	<del>0-5'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	< <del>10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	2800
SW-52A	10/13/2023	0-5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0

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# Table 2 Summary of Soil Analytical Data - Confirmation Samples Gaucho 30 CTB 1 Devon Energy Production Company Lea County, New Mexico

										ТРН			
		Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6 C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	Chloride
Sample ID	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)
					Та	ble I Closure	Criteria for So	il 51-100 feet	Depth to Grou	undwater 19.15.2	9 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
<del>SW-53</del>	10/5/2023	<del>0-5'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>1570</del>
SW-53A	10/13/2023	0-5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0
SW-54	10/5/2023	0-5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
<del>SW-55</del>	10/5/2023	<del>0-5'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>768</del>
SW-55A	10/13/2023	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0
SW-56	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	134	134	101	235	<20.0
SW-57	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	47.9	47.9	<50.0	47.9	<20.0
SW-58	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	<20.0
SW-59	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	<20.0
SW-60	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	<20.0
SW-61	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	<20.0
SW-62	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	4810
SW-63	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	4160
SW-64	10/20/2023	6-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-65	10/20/2023	6-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176

#### Notes:

- 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

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# Table 3 Summary of Soil Analytical Data - Deferral Samples Gaucho 30 CTB 1 Devon Energy Production Company Eddy County, New Mexico

										ТРН			
		Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)								
		(It bgs)	V 0/ 0/	, o, o,						ndwater 19.15.29		, , , , , , , , , , , , , , , , , , ,	, o, o,
			10 mg/kg				50 mg/kg			1000 mg/kg		2,500 mg/kg	10,000 mg/kg
			J. 0. 0			Deferra	al Samples			G, 0		, 3, 3	, 0, 0
	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
DV-1	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
514.0	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
DV-2	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	60.3	60.3	<10.0	60.3	672
DV-3	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	29.8	29.8	<10.0	29.8	384
DV-3	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	960
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	13.9	1020	1033.9	158	1191.9	368
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2460	2460	623	3083	320
DV-4	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2770	2770	764	3534	336
DV-4	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	53.5	53.5	<10.0	53.5	352
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	65.5	65.5	<10.0	65.5	128
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	107	107	<10.0	107	32
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	46.3	1040	1086.3	128	1214.3	64
DV-5	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	74.6	74.6	<10.0	74.6	16
	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	144	144	16.4	160.4	80
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	98.1	98.1	13.5	111.6	4320
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1500	1500	351	1851	720
DV-6	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	4100	4100	971	5071	416
	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	286 193	286 193	65.9	351.9	720 208
	11/20/2023	4-4.5' 5-5.5'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0	<10.0	<b>35.6</b> <10.0	<b>228.6</b> <10.0	<16.0
	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
DV-7	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.5	12.5	<10.0	12.5	112
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	47.5	47.5	11.7	59.2	208
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

# Table 3 Summary of Soil Analytical Data - Deferral Samples Gaucho 30 CTB 1

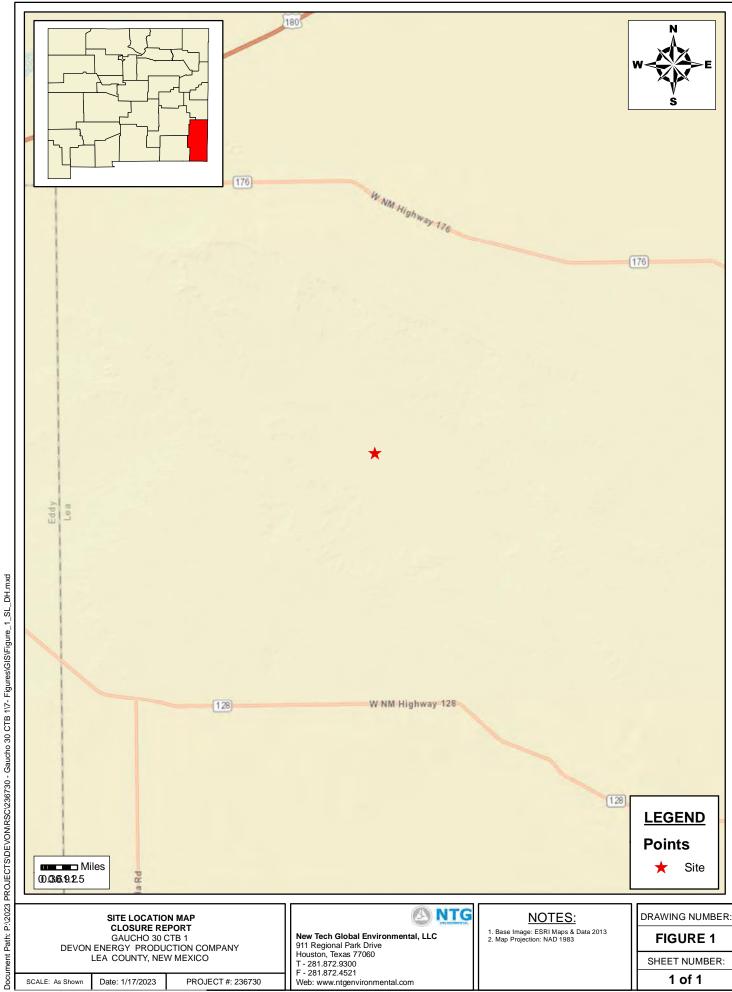
#### Devon Energy Production Company Eddy County, New Mexico

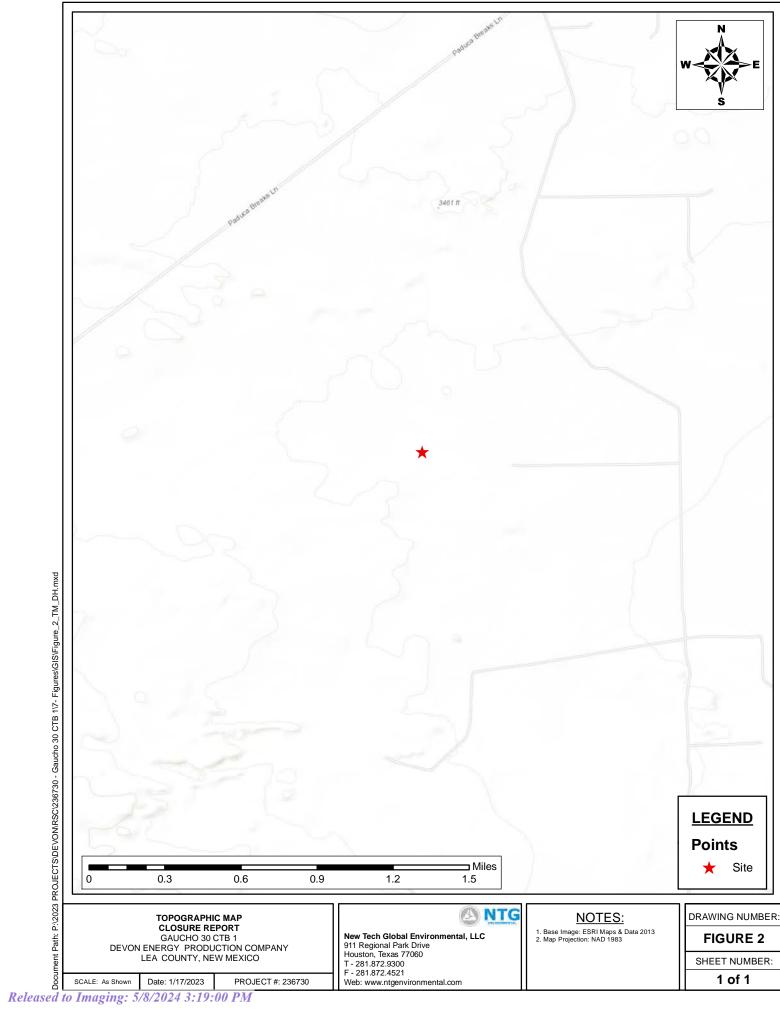
										ТРН			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	Total	Chloride
Committe ID	Campula Data	Depth						(C6-C-10)	(C10-C28)		(C28-C35)	GRO/DRO/MRO	
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Ta	able I Closur	e Criteria for S	oil >100 feet I	Depth to Grou	ndwater 19.15.29	NMAC		
			10 mg/kg			-	50 mg/kg	-		1000 mg/kg		2,500 mg/kg	10,000 mg/kg
	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
DV-8	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
DV-0	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.8	25.8	<10.0	25.8	144
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

#### Notes:

- 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

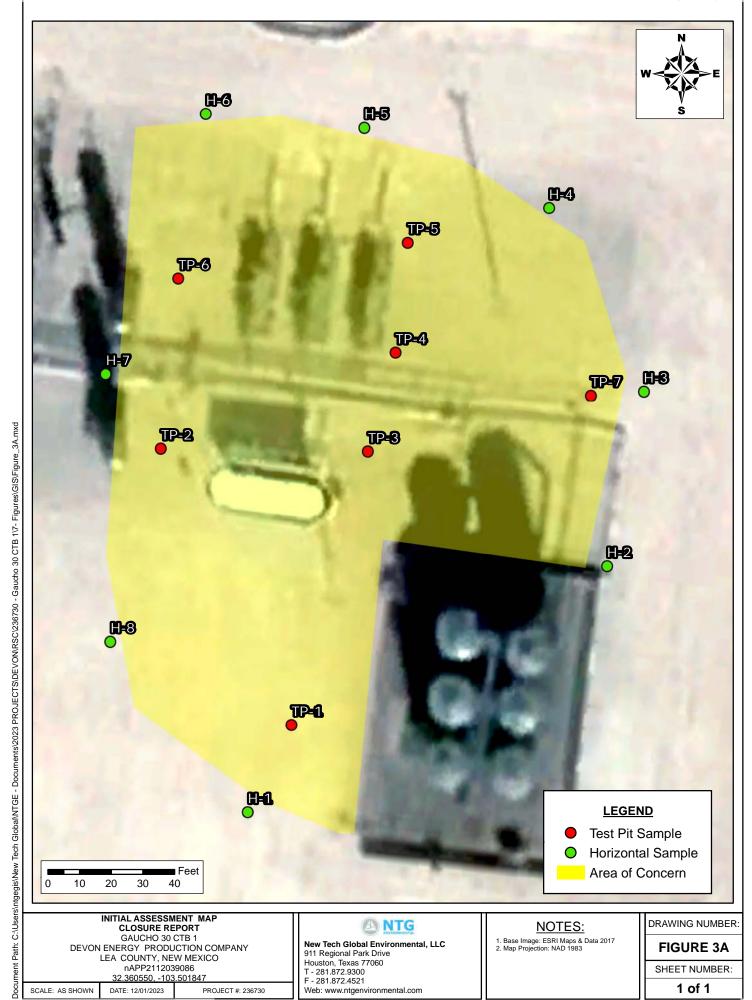
## **FIGURES**





SHEET NUMBER:

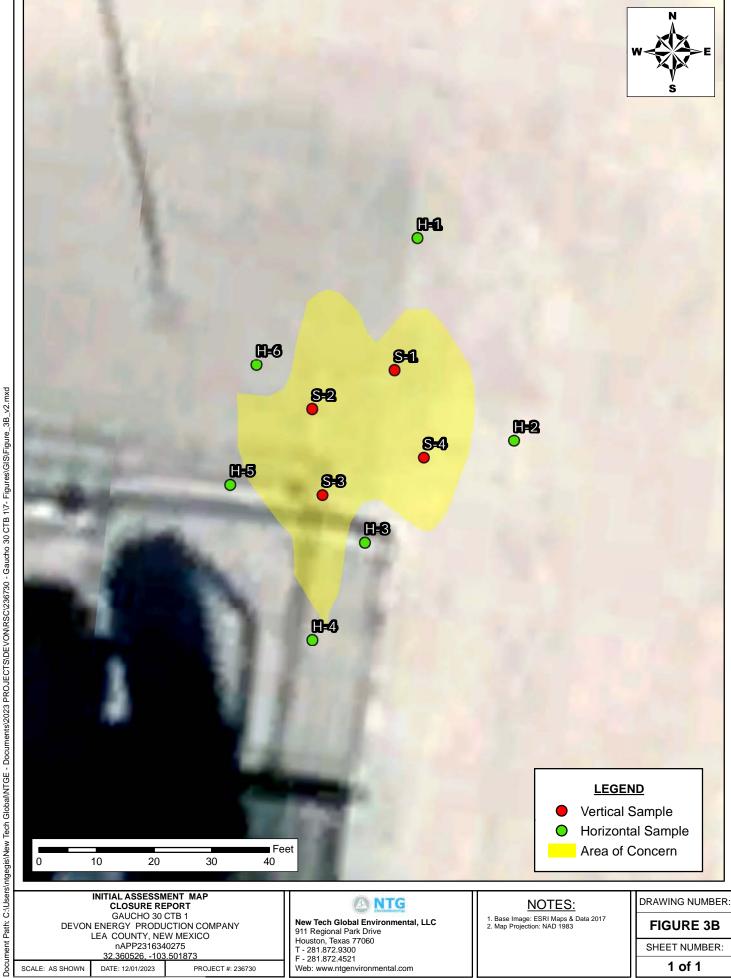
1 of 1



F - 281.872.4521 Web: www.ntgenvironmental.com

SCALE: AS SHOWN DATE: 12/01/2023 PROJECT #: 236730 Released to Imaging: 5/8/2024 3:19:00 PM

nAPP2112039086



F - 281.872.4521 Web: www.ntgenvironmental.com

SCALE: AS SHOWN DATE: 12/01/2023 PROJECT #: 236730 Released to Imaging: 5/8/2024 3:19:00 PM

nAPP2316340275

Base Image: ESRI Maps & Data 2017
 Map Projection: NAD 1983

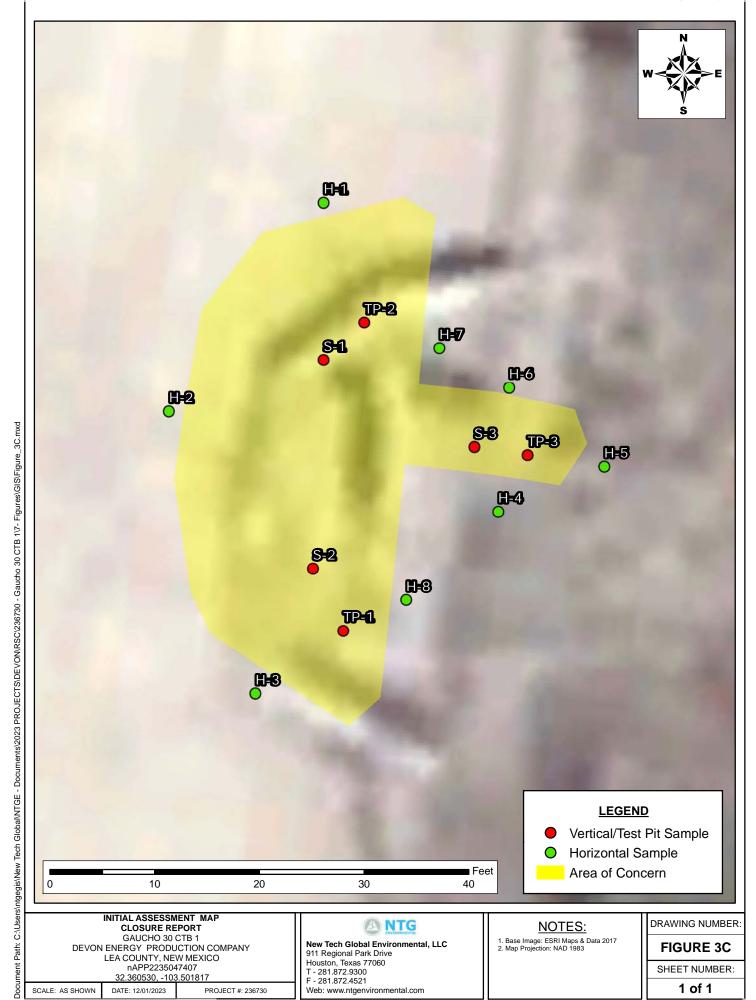
FIGURE 3B

SHEET NUMBER:

1 of 1

SHEET NUMBER:

1 of 1



F - 281.872.4521 Web: www.ntgenvironmental.com

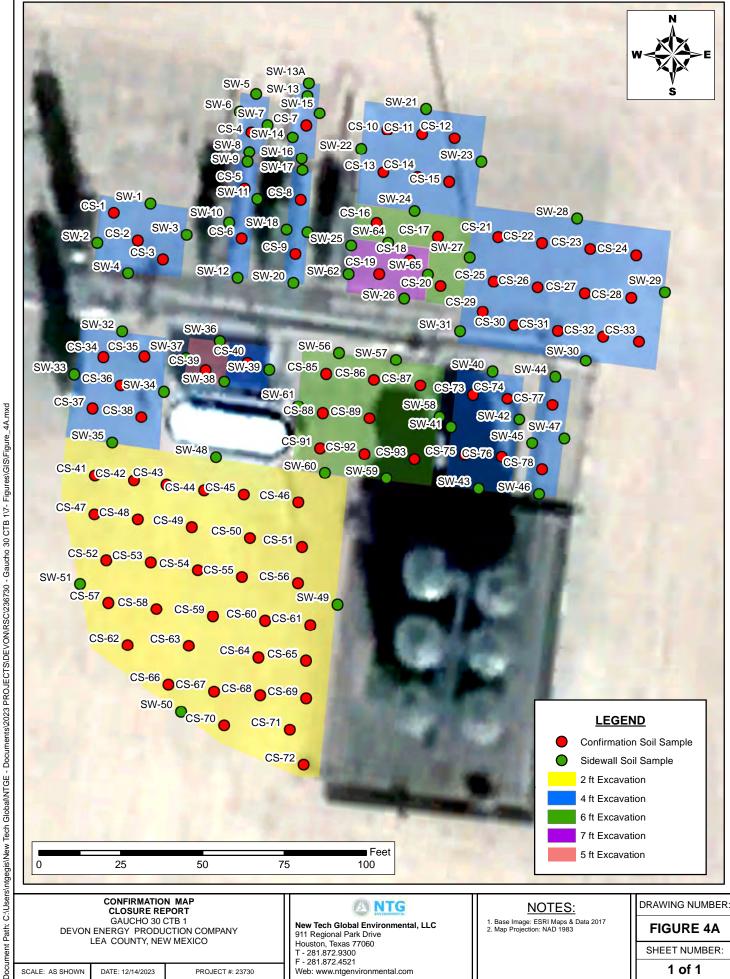
Released to Imaging: 5/8/2024 3:19:00 PM

SCALE: AS SHOWN

nAPP2235047407 32.360530, -103.501817

PROJECT #: 236730

DATE: 12/01/2023



New Tech Global Environmental, LLC

911 Regional Park Drive Houston, Texas 77060

Web: www.ntgenvironmental.com

F - 281.872.4521

DATE: 12/14/2023 SCALE: AS SHOWN Released to Imaging: 5/8/2024 3:19:00 PM

GAUCHO 30 CTB 1

DEVON ENERGY PRODUCTION COMPANY

LEA COUNTY, NEW MEXICO

PROJECT #: 23730

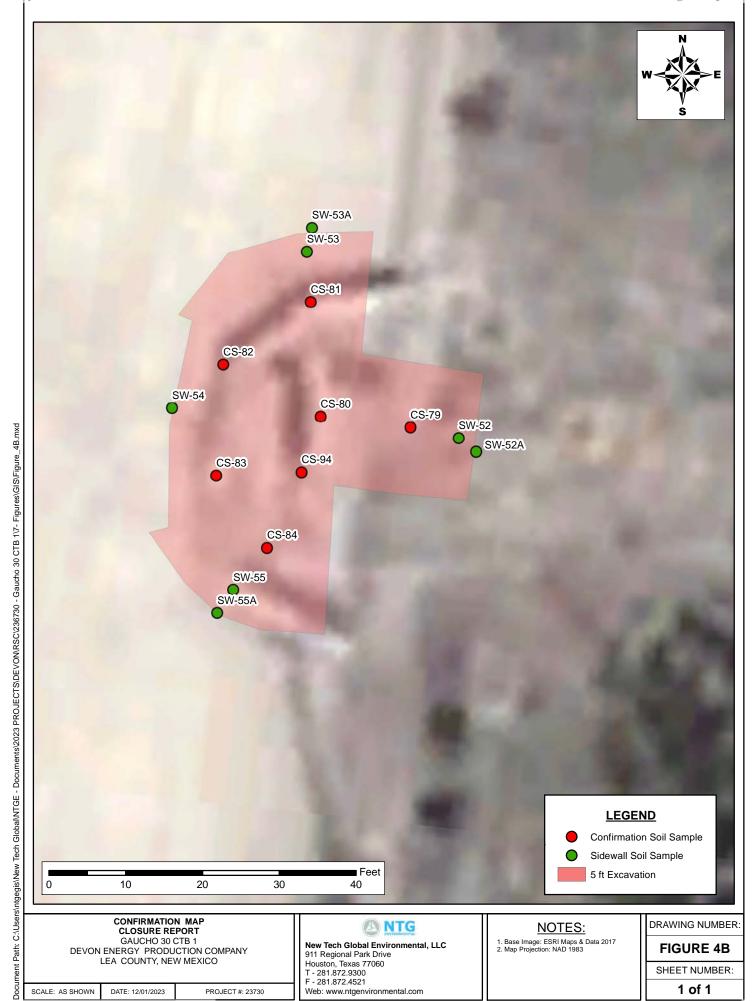
Base Image: ESRI Maps & Data 2017
 Map Projection: NAD 1983

**FIGURE 4A** 

SHEET NUMBER:

1 of 1

1 of 1



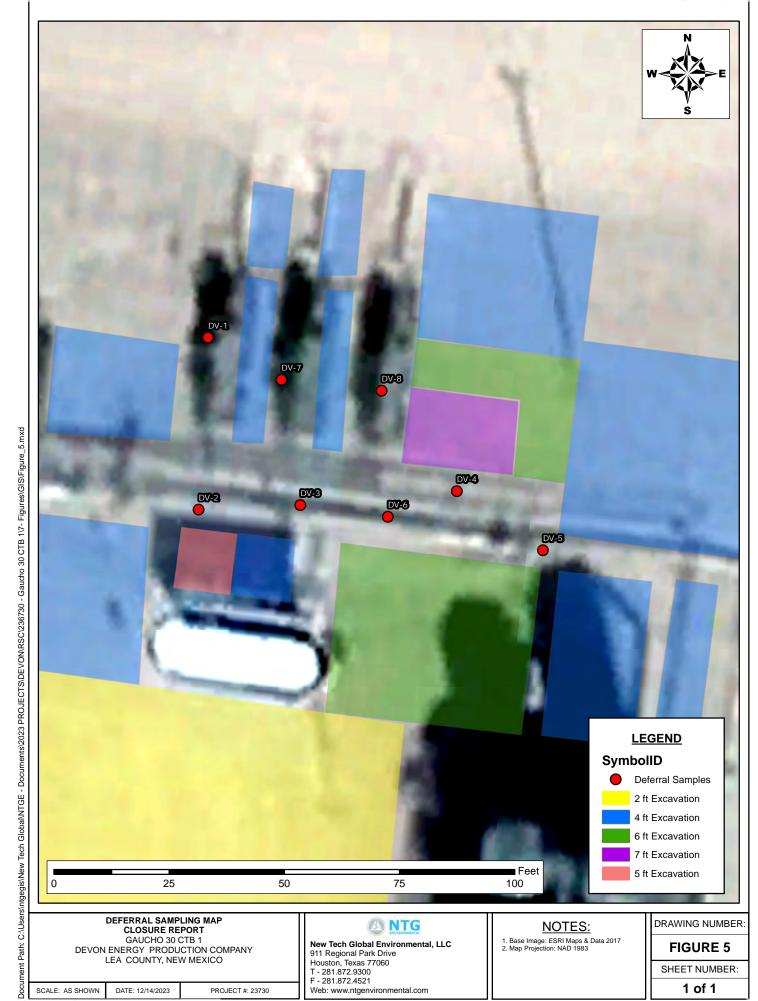
F - 281.872.4521 Web: www.ntgenvironmental.com

DATE: 12/01/2023

PROJECT #: 23730

SCALE: AS SHOWN

1 of 1

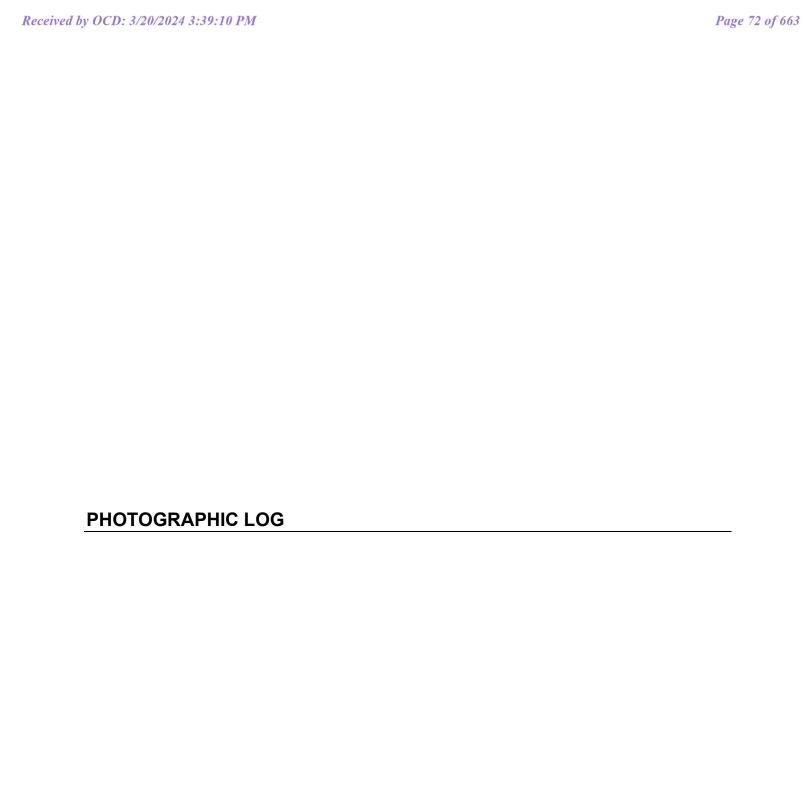


Released to Imaging: 5/8/2024 3:19:00 PM

SCALE: AS SHOWN

DATE: 12/14/2023

PROJECT #: 23730



### **Devon Energy Production Company**

### Photograph No. 1

Facility:

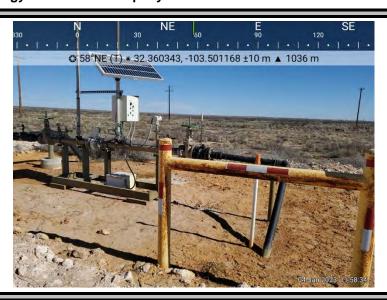
Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### Photograph No. 2

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### Photograph No. 3

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:



### **Devon Energy Production Company**

Photograph No. 4

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.

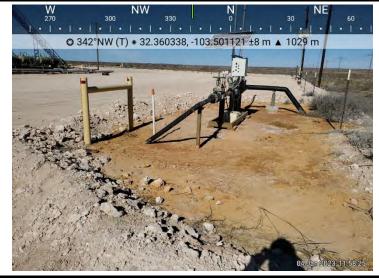


Photograph No. 5

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 6

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



### **Devon Energy Production Company**

Photograph No. 7

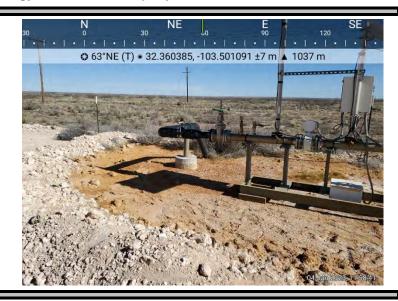
Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 8

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



Photograph No. 9

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:



### **Devon Energy Production Company**

Photograph No. 10

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 11

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 12

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** 

Area of concern.



Prepared by: NTG NTGE Project No. 236730

### **Devon Energy Production Company**

Photograph No. 13

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 14

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 15

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:



### **Devon Energy Production Company**

#### Photograph No. 16

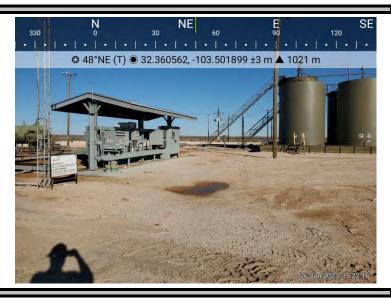
Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 17

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### Photograph No. 18

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### **Devon Energy Production Company**

#### Photograph No. 19

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



#### Photograph No. 20

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 21

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.

30 60 90 120 150

■ 82°E (T) ■ 32.360619, -103.50179 ±4 m ▲ 1024 m

26 Jan 2023. 15:22:33

NTGE Project No. 236730 Prepared by: 

Prepared by:

### **Devon Energy Production Company**

Photograph No. 22

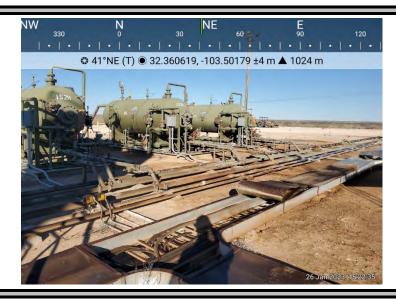
Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 23

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



Photograph No. 24

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:



### **Devon Energy Production Company**

#### Photograph No. 25

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 26

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** 

Area of concern.



### Photograph No. 27

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** 



### **Devon Energy Production Company**

#### Photograph No. 28

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



#### Photograph No. 29

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### Photograph No. 30

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### **Devon Energy Production Company**

#### Photograph No. 31

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 32

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### Photograph No. 33

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### **Devon Energy Production Company**

Photograph No. 34

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 35

Facility:

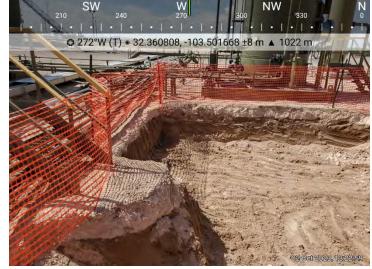
Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



Photograph No. 36

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:



### **Devon Energy Production Company**

Photograph No. 37

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



#### Photograph No. 38

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### Photograph No. 39

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:



### **Devon Energy Production Company**

#### Photograph No. 40

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 41

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### Photograph No. 42

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### **Devon Energy Production Company**

#### Photograph No. 43

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



#### Photograph No. 44

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 45

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:



### **Devon Energy Production Company**

Photograph No. 46

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 47

Facility:

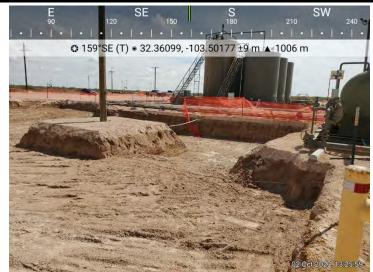
Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



Photograph No. 48

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:



### **Devon Energy Production Company**

#### Photograph No. 49

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 50

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### Photograph No. 51

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### **Devon Energy Production Company**

Photograph No. 52

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



#### Photograph No. 53

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 54

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** 

Area of concern.



Prepared by: NTG NTGE Project No. 236730

### **Devon Energy Production Company**

#### Photograph No. 55

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



#### Photograph No. 56

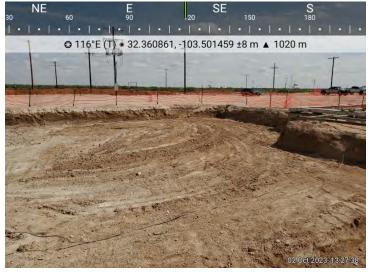
Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 57

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** 

Area of concern.



Prepared by: NTG NTGE Project No. 236730

### **Devon Energy Production Company**

Photograph No. 58

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 59

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



Photograph No. 60

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:



### **Devon Energy Production Company**

#### Photograph No. 61

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 62

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 63

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.

240 270 300 330 0 30

③ 321°NW (T) ● 32.360792, -103.501132 ±7 m ▲ 1041 m

### **Devon Energy Production Company**

#### Photograph No. 64

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 65

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### Photograph No. 66

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### **Devon Energy Production Company**

Photograph No. 67

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 68

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 69

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** 



### **Devon Energy Production Company**

#### Photograph No. 70

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 71

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### Photograph No. 72

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:



### **Devon Energy Production Company**

Photograph No. 73

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 74

Facility:

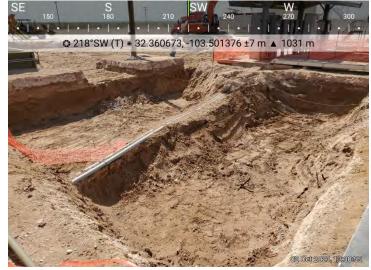
Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### Photograph No. 75

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### **Devon Energy Production Company**

#### Photograph No. 76

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



#### Photograph No. 77

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:

Area of concern.



### Photograph No. 78

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:



### **Devon Energy Production Company**

Photograph No. 79

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 80

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 81

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

Description:



### **Devon Energy Production Company**

Photograph No. 82

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



#### Photograph No. 83

Facility:

Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



### Photograph No. 84

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



NTGE Project No. 236730 Prepared by: 

Prepared by:

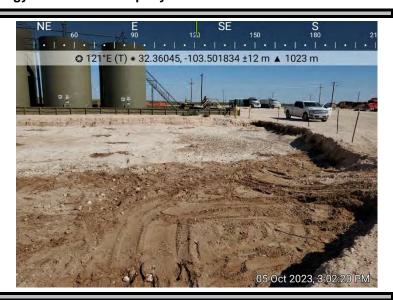
### **Devon Energy Production Company**

Photograph No. 85

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 86

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 87

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



### **Devon Energy Production Company**

Photograph No. 88

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 89

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 90

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



### **Devon Energy Production Company**

Photograph No. 91

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 92

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 93

Facility:

Gaucho 30 CTB 1

County:

Lea County, New Mexico

**Description:** Area of concern.



### **Devon Energy Production Company**

Photograph No. 94

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 95

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 96

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



### **Devon Energy Production Company**

Photograph No. 97

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 98

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



Photograph No. 99

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

**Description:** Area of concern.



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LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS	

**Environment Testing** 

# **ANALYTICAL REPORT**

## PREPARED FOR

Attn: Ethan Sessums NT Global 701 Tradewinds Blvd Midland, Texas 79706

Generated 1/13/2023 1:30:10 PM

## **JOB DESCRIPTION**

Gaucho 30 CTB 1 SDG NUMBER Lea County NM

### **JOB NUMBER**

890-3763-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

Released to Imaging: 5/8/2024 3:19:00 PM

# **Eurofins Carlsbad**

### **Job Notes**

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

### **Authorization**

Generated 1/13/2023 1:30:10 PM

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 Client: NT Global
Project/Site: Gaucho 30 CTB 1
Laboratory Job ID: 890-3763-1
SDG: Lea County NM

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### **Definitions/Glossary**

Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1

SDG: Lea County NM

#### **Qualifiers**

**GC VOA** 

Qualifier **Qualifier Description** MS and/or MSD recovery exceeds control limits. U Indicates the analyte was analyzed for but not detected.

**GC Semi VOA** 

Qualifier **Qualifier Description** F1 MS and/or MSD recovery exceeds control limits. S1-Surrogate recovery exceeds control limits, low biased. S1+ Surrogate recovery exceeds control limits, high biased. Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description** 4 MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. F1 MS and/or MSD recovery exceeds control limits. U Indicates the analyte was analyzed for but not detected.

**Glossary** 

DL, RA, RE, IN

DLC

Abbreviation These commonly used abbreviations may or may not be present in this report. Listed under the "D" column to designate that the result is reported on a dry weight basis %R Percent Recovery CFL Contains Free Liquid CFU Colony Forming Unit **CNF** Contains No Free Liquid DER Duplicate Error Ratio (normalized absolute difference) Dil Fac Dilution Factor DΙ Detection Limit (DoD/DOE)

Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

EDL Estimated Detection Limit (Dioxin) Limit of Detection (DoD/DOE) LOD

Limit of Quantitation (DoD/DOE) LOQ EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

Decision Level Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

Practical Quantitation Limit **PQL** 

Presumptive **PRES** QC **Quality Control** 

RFR Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry)

**RPD** Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

#### **Case Narrative**

Client: NT Global

Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Job ID: 890-3763-1

**Laboratory: Eurofins Carlsbad** 

Narrative

Job Narrative 890-3763-1

#### Receipt

The samples were received on 1/5/2023 8:54 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C

#### **Receipt Exceptions**

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1) (890-3763-1), S-1 (1-1.5) (890-3763-2), S-1 (2-2.5) (890-3763-3), S-1 (3-3.5) (890-3763-4), S-1 (4-4.5) (890-3763-5), S-2 (0-1) (890-3763-6), S-2 (1-1.5) (890-3763-7), S-2 (2-2.5) (890-3763-8), S-2 (3-3.5) (890-3763-9), S-2 (4-4.5) (890-3763-10), S-3 (0-1) (890-3763-11), S-3 (1-1.5) (890-3763-12), S-3 (2-2.5) (890-3763-13), S-3 (3-3.5) (890-3763-14), S-3 (4-4.5) (890-3763-15), H-1 (890-3763-16), H-2 (890-3763-17), H-3 (890-3763-18), H-4 (890-3763-20), H-5 (890-3763-20), H-6 (890-3763-21), H-7 (890-3763-22) and H-8 (890-3763-23).

#### GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-43280 and analytical batch 880-43326 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The following samples were diluted because the initial analysis produced a significant negative result - the absolute value exceeded the reporting limit (RL): S-1 (0-1) (890-3763-1) and S-2 (0-1) (890-3763-6). Reporting limits (RLs) are elevated as a result.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### GC Semi VOA

Method 8015MOD\_NM: The matrix spike (MS) recoveries for preparation batch 880-43383 and analytical batch 880-43449 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-43418 and analytical batch 880-43458 was outside the upper control limits.

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: (890-3763-A-1-F MS) and (890-3763-A-1-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### HPLC/IC

Method 300\_ORGFM\_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-4363 and analytical batch 880-43615 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300\_ORGFM\_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43411 and analytical batch 880-43621 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300\_ORGFM\_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-43411 and analytical batch 880-43621 were ran straight. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300\_ORGFM\_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43411 and analytical batch 880-43621 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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### **Case Narrative**

Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Job ID: 890-3763-1 (Continued)

**Laboratory: Eurofins Carlsbad (Continued)** 

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Client Sample ID: S-1 (0-1)

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-1

**Matrix: Solid** 

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0401	U	0.0401		mg/Kg		01/05/23 14:21	01/07/23 02:59	20
Toluene	<0.0401	U	0.0401		mg/Kg		01/05/23 14:21	01/07/23 02:59	20
Ethylbenzene	<0.0401	U	0.0401		mg/Kg		01/05/23 14:21	01/07/23 02:59	20
m-Xylene & p-Xylene	<0.0802	U	0.0802		mg/Kg		01/05/23 14:21	01/07/23 02:59	20
o-Xylene	<0.0401	U	0.0401		mg/Kg		01/05/23 14:21	01/07/23 02:59	20
Xylenes, Total	<0.0802	U	0.0802		mg/Kg		01/05/23 14:21	01/07/23 02:59	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				01/05/23 14:21	01/07/23 02:59	20
1,4-Difluorobenzene (Surr)	90		70 - 130				01/05/23 14:21	01/07/23 02:59	20

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total BTEX <0.0802 U 0.0802 mg/Kg 01/09/23 11:51

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total TPH <49.9 U 49.9 01/09/23 17:57 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 11:35	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 11:35	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 11:35	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83	70 - 130	01/06/23 15:06	01/08/23 11:35	1
o-Terphenyl	94	70 - 130	01/06/23 15:06	01/08/23 11:35	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 100 Chloride 13700 mg/Kg 01/12/23 21:26 20

Client Sample ID: S-1 (1-1.5)

Date Collected: 01/04/23 12:00

Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-2

**Matrix: Solid** 

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00445	F1	0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:16	1
Toluene	0.00396	F1	0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:16	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:16	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		01/05/23 14:21	01/07/23 00:16	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:16	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		01/05/23 14:21	01/07/23 00:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				01/05/23 14:21	01/07/23 00:16	1
1.4-Difluorobenzene (Surr)	106		70 - 130				01/05/23 14:21	01/07/23 00:16	1

# **Client Sample Results**

Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Client Sample ID: S-1 (1-1.5)

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00841		0.00399		mg/Kg			01/09/23 11:51	1
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/09/23 17:57	1
- Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		01/06/23 15:06	01/08/23 12:40	1
(GRO)-C6-C10									
B: 1B 6 : 16	<49.8	U	49.8		mg/Kg		01/06/23 15:06	01/08/23 12:40	1
Diesel Range Organics (Over									
C10-C28)									
,	<49.8	U	49.8		mg/Kg		01/06/23 15:06	01/08/23 12:40	1
C10-C28)	<49.8 <b>%Recovery</b>		49.8 <i>Limits</i>		mg/Kg		01/06/23 15:06  Prepared	01/08/23 12:40  Analyzed	Dil Fac
C10-C28) OII Range Organics (Over C28-C36)					mg/Kg				Dil Fac

Client Sample ID: S-1 (2-2.5) Lab Sample ID: 890-3763-3

RL

49.6

MDL Unit

mg/Kg

D

Prepared

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Analyte

Chloride

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

10600

Method: SW846 8021B - Volati	le Organic Comp	ounds (GC)	)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00337		0.00199		mg/Kg		01/05/23 14:21	01/07/23 00:36	1
Toluene	0.00315		0.00199		mg/Kg		01/05/23 14:21	01/07/23 00:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 00:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 00:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 00:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 00:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/05/23 14:21	01/07/23 00:36	1
1,4-Difluorobenzene (Surr)	106		70 - 130				01/05/23 14:21	01/07/23 00:36	1

Method: TAL SOP Total BTEX - Tot	al BTEX Calc	ulation						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00652	-	0.00398	mg/K	g		01/09/23 11:51	1

Method: SW846 8015 NM - Diesel F	Range Organi	ics (DRO) (G	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:57	1

Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO) (	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 13:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 13:02	1

**Eurofins Carlsbad** 

Dil Fac

**Matrix: Solid** 

Analyzed

01/12/23 21:32

SDG: Lea County NM

Client Sample ID: S-1 (2-2.5)

Project/Site: Gaucho 30 CTB 1

Client: NT Global

Lab Sample ID: 890-3763-3 Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/06/23 15:06	01/08/23 13:02	1
o-Terphenyl	95		70 - 130				01/06/23 15:06	01/08/23 13:02	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier RL MDL Dil Fac Analyte Unit D Prepared Analyzed 49.6 01/12/23 21:38 7430 10 Chloride mg/Kg

Client Sample ID: S-1 (3-3.5)

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-4

**Matrix: Solid** 

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 0.00200 01/05/23 14:21 01/07/23 00:57 Benzene 0.00530 mg/Kg 0.00200 01/05/23 14:21 01/07/23 00:57 **Toluene** 0.00706 mg/Kg Ethylbenzene <0.00200 U 0.00200 01/05/23 14:21 01/07/23 00:57 mg/Kg m-Xylene & p-Xylene < 0.00399 01/05/23 14:21 01/07/23 00:57 0.00399 mg/Kg o-Xylene <0.00200 U 0.00200 mg/Kg 01/05/23 14:21 01/07/23 00:57 <0.00399 U 01/07/23 00:57 Xylenes, Total 0.00399 mg/Kg 01/05/23 14:21 %Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 70 - 130 01/05/23 14:21 4-Bromofluorobenzene (Surr) 108 01/07/23 00:57

1,4-Difluorobenzene (Surr) 96 70 - 130 01/05/23 14:21 01/07/23 00:57 Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL MDL Unit D Dil Fac Prepared Analyzed **Total BTEX** 0.0124 0.00399 mg/Kg 01/09/23 11:51

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier MDL Dil Fac RL Unit D Prepared Analyzed Total TPH <49.8 U 49.8 mg/Kg 01/09/23 17:57

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier Analyte RL MDL Unit Prepared Analyzed Dil Fac Gasoline Range Organics <49.8 U 49.8 01/06/23 15:06 01/08/23 13:23 mg/Kg (GRO)-C6-C10 01/06/23 15:06 01/08/23 13:23 Diesel Range Organics (Over <49.8 U 49.8 mg/Kg C10-C28) OII Range Organics (Over C28-C36) <49.8 U 49.8 mg/Kg 01/06/23 15:06 01/08/23 13:23 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 82 70 - 130 01/06/23 15:06 01/08/23 13:23 92 70 - 130 01/06/23 15:06 01/08/23 13:23 o-Terphenyl

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier MDL Unit Dil Fac RL Prepared Analyzed Chloride 4940 24.8 01/12/23 21:44 mg/Kg

Job ID: 890-3763-1

SDG: Lea County NM

Client Sample ID: S-1 (4-4.5)

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Project/Site: Gaucho 30 CTB 1

Lab Sample ID: 890-3763-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00413		0.00201		mg/Kg		01/05/23 14:21	01/07/23 01:17	1
Toluene	0.00465		0.00201		mg/Kg		01/05/23 14:21	01/07/23 01:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 01:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 01:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 01:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 01:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				01/05/23 14:21	01/07/23 01:17	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/05/23 14:21	01/07/23 01:17	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
						_			D:: F
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total BTEX	0.00878	Qualifier	0.00402	MDL	mg/Kg	_ b	Prepared	01/09/23 11:51	1 Dil Fac
Total BTEX Method: SW846 8015 NM - Diese	0.00878 el Range Organ	ics (DRO) (	0.00402 GC)		mg/Kg	_ =		01/09/23 11:51	1
Total BTEX  Method: SW846 8015 NM - Diese Analyte	0.00878 el Range Organ Result	ics (DRO) (	0.00402 GC)	MDL	mg/Kg	D	Prepared	01/09/23 11:51  Analyzed	1 Dil Fac
Total BTEX Method: SW846 8015 NM - Diese	0.00878 el Range Organ	ics (DRO) (	0.00402 GC)		mg/Kg	_ =		01/09/23 11:51	1
Total BTEX  Method: SW846 8015 NM - Diese Analyte	0.00878 el Range Organ Result <49.9	ics (DRO) (	0.00402 GC)  RL  49.9		mg/Kg	_ =		01/09/23 11:51  Analyzed	1 Dil Fac
Total BTEX  Method: SW846 8015 NM - Diese Analyte  Total TPH	0.00878 Pl Range Organ Result <a href="#">&lt;49.9</a> sel Range Organ	ics (DRO) (	0.00402 GC)  RL  49.9		mg/Kg  Unit mg/Kg	_ =		01/09/23 11:51  Analyzed	1 Dil Fac
Total BTEX  Method: SW846 8015 NM - Diese Analyte Total TPH  Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	0.00878 Pl Range Organ Result <a href="#">&lt;49.9</a> sel Range Organ	ics (DRO) (Qualifier Unics (DRO) Qualifier	0.00402  GC)  RL 49.9	MDL	mg/Kg  Unit mg/Kg		Prepared	01/09/23 11:51  Analyzed 01/09/23 17:57	Dil Fac
Total BTEX  Method: SW846 8015 NM - Diese Analyte Total TPH  Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10	0.00878 el Range Organ Result <a href="#">&lt;49.9</a> sel Range Orga Result	ics (DRO) (Qualifier U nics (DRO) Qualifier U	0.00402  GC)  RL  49.9  (GC)  RL	MDL	mg/Kg  Unit mg/Kg  Unit mg/Kg		Prepared Prepared	01/09/23 11:51  Analyzed 01/09/23 17:57  Analyzed	Dil Fac Dil Fac
Total BTEX  Method: SW846 8015 NM - Diese Analyte Total TPH  Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	0.00878 el Range Organ Result <a href="#">&lt;49.9</a> sel Range Orga Result <a href="#">&lt;49.9</a> <a href="#">&lt;49.9</a>	ics (DRO) (Qualifier U nics (DRO) Qualifier U	0.00402  GC)  RL  49.9  (GC)  RL  49.9	MDL	mg/Kg  Unit mg/Kg  Unit		Prepared  Prepared  01/06/23 15:06	01/09/23 11:51  Analyzed 01/09/23 17:57  Analyzed 01/08/23 13:43	Dil Fac  Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH  Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	0.00878 el Range Organ Result <a href="#">&lt;49.9</a> sel Range Orga Result <a href="#">&lt;49.9</a> <a href="#">&lt;49.9</a>	ics (DRO) (Qualifier U nics (DRO) Qualifier U U	0.00402  GC)  RL  49.9  (GC)  RL  49.9	MDL	mg/Kg  Unit mg/Kg  Unit mg/Kg		Prepared  Prepared  01/06/23 15:06	01/09/23 11:51  Analyzed 01/09/23 17:57  Analyzed 01/08/23 13:43	Dil Fac  Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH  Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	0.00878 el Range Organ Result <49.9 sel Range Orga Result <49.9 <49.9	ics (DRO) (Qualifier U nics (DRO) Qualifier U U U	0.00402  GC)  RL  49.9  (GC)  RL  49.9	MDL	mg/Kg  Unit mg/Kg  Unit mg/Kg  mg/Kg		Prepared  Prepared  01/06/23 15:06  01/06/23 15:06	Analyzed 01/09/23 17:57  Analyzed 01/09/23 17:57  Analyzed 01/08/23 13:43 01/08/23 13:43	Dil Fac  Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH  Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	0.00878 el Range Organ Result 49.9 sel Range Orga Result  49.9 <49.9	ics (DRO) (Qualifier U  nics (DRO) Qualifier U  U  U	0.00402  GC)  RL 49.9  (GC)  RL 49.9  49.9	MDL	mg/Kg  Unit mg/Kg  Unit mg/Kg  mg/Kg		Prepared  Prepared  01/06/23 15:06  01/06/23 15:06	O1/09/23 11:51  Analyzed O1/09/23 17:57  Analyzed O1/08/23 13:43 O1/08/23 13:43	Dil Fac  Dil Fac  1  1  1

Client Sample ID: S-2 (0-1) Lab Sample ID: 890-3763-6 Date Collected: 01/04/23 12:00 **Matrix: Solid** 

RL

25.3

MDL Unit

mg/Kg

D

Prepared

Analyzed

01/12/23 22:03

Dil Fac

Date Received: 01/05/23 08:54

Analyte

Chloride

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

5110

Method: SW846 8021B - Volat	ile Organic Comp	ounds (GC	)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0402	U	0.0402		mg/Kg		01/05/23 14:21	01/07/23 03:20	20
Toluene	<0.0402	U	0.0402		mg/Kg		01/05/23 14:21	01/07/23 03:20	20
Ethylbenzene	<0.0402	U	0.0402		mg/Kg		01/05/23 14:21	01/07/23 03:20	20
m-Xylene & p-Xylene	<0.0803	U	0.0803		mg/Kg		01/05/23 14:21	01/07/23 03:20	20
o-Xylene	<0.0402	U	0.0402		mg/Kg		01/05/23 14:21	01/07/23 03:20	20
Xylenes, Total	<0.0803	U	0.0803		mg/Kg		01/05/23 14:21	01/07/23 03:20	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				01/05/23 14:21	01/07/23 03:20	20
1,4-Difluorobenzene (Surr)	82		70 - 130				01/05/23 14:21	01/07/23 03:20	20

Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Client Sample ID: S-2 (0-1) Lab Sample ID: 890-3763-6 Date Collected: 01/04/23 12:00 Matrix: Solid

Date Received: 01/05/23 08:54

<0.0803	U	0.0803		""				
0				mg/Kg			01/09/23 11:51	1
ge organ	ics (DRO) (	GC)						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<49.9	U	49.9		mg/Kg			01/09/23 17:57	1
inge Orga	nics (DRO)	(GC)						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 14:04	
<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 14:04	
<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 14:04	•
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
88		70 - 130				01/06/23 15:06	01/08/23 14:04	
98		70 - 130				01/06/23 15:06	01/08/23 14:04	1
	<49.9  Inge Orga Result <49.9 <49.9 <49.9  %Recovery 88	Result         Qualifier           <49.9	<49.9	<49.9 U       49.9         Inge Organics (DRO) (GC)         Result       Qualifier       RL       MDL         <49.9	<49.9	Kesult       Qualifier       RL       MDL       Unit       D         <49.9	<49.9       U       49.9       mg/Kg         Inge Organics (DRO) (GC)       Result       Qualifier       RL       MDL       Unit       D       Prepared         <49.9	<49.9         U         49.9         mg/Kg         01/09/23 17:57           Inge Organics (DRO) (GC)         Result Qualifier         RL         MDL Unit mg/Kg         D Prepared D1/06/23 15:06         Analyzed O1/06/23 14:04           <49.9

**Client Sample ID: S-2 (1-1.5)** Lab Sample ID: 890-3763-7 Date Collected: 01/04/23 12:00 **Matrix: Solid** 

101

mg/Kg

18600

Date Received: 01/05/23 08:54

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00334		0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 01:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 01:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/05/23 14:21	01/07/23 01:37	1
1,4-Difluorobenzene (Surr)  Method: TAL SOP Total BTEX -			70 - 130				01/05/23 14:21	01/07/23 01:37	1
Method: TAL SOP Total BTEX - Analyte	Total BTEX Cald	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	01/05/23 14:21 Prepared	01/07/23 01:37  Analyzed  01/09/23 11:51	•
Method: TAL SOP Total BTEX - Analyte Total BTEX	Total BTEX Calc Result <0.00398 sel Range Organ	Qualifier U	RL 0.00398	MDL	Unit mg/Kg	<u>D</u>		Analyzed	•
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies	Total BTEX Calc Result <0.00398 sel Range Organ	<b>Qualifier</b> U	RL 0.00398			<u>D</u>		Analyzed	Dil Fac  Dil Fac
·	Total BTEX Calc Result <0.00398 sel Range Organ	Qualifier U ics (DRO) ( Qualifier	RL 0.00398		mg/Kg		Prepared	Analyzed 01/09/23 11:51	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies Analyte	Total BTEX Calc Result <0.00398 sel Range Organ Result <49.9	Qualifier U ics (DRO) ( Qualifier U	RL 0.00398  GC)  RL 49.9		mg/Kg		Prepared	Analyzed 01/09/23 11:51 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies Analyte Total TPH	Total BTEX Calc Result <0.00398  sel Range Organ Result <49.9  sesel Range Orga	Qualifier U ics (DRO) ( Qualifier U	RL 0.00398  GC)  RL 49.9	MDL	mg/Kg		Prepared	Analyzed 01/09/23 11:51 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies Analyte Total TPH  Method: SW846 8015B NM - Dies	Total BTEX Calc Result <0.00398  sel Range Organ Result <49.9  sesel Range Orga	Qualifier U ics (DRO) ( Qualifier U nics (DRO) Qualifier	RL 0.00398  GC) RL 49.9	MDL	mg/Kg  Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 01/09/23 11:51  Analyzed 01/09/23 17:57	Dil Fac  Dil Fac

**Eurofins Carlsbad** 

01/12/23 22:09

Date Received: 01/05/23 08:54

Job ID: 890-3763-1

Client: NT Global Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Client Sample ID: S-2 (1-1.5)

Lab Sample ID: 890-3763-7 Date Collected: 01/04/23 12:00 Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	KL	MDL	Unit	ט	Prepared	Analyzea	DII Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 14:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				01/06/23 15:06	01/08/23 14:26	1
o-Terphenyl	92		70 - 130				01/06/23 15:06	01/08/23 14:26	1

Method: MCAWW 300.0 - Anions, Ion	Chromato	graphy - Solu	ıble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14600		100		mg/Kg			01/12/23 22:27	20

Client Sample ID: S-2 (2-2.5) Lab Sample ID: 890-3763-8

Date Collected: 01/04/23 12:00 **Matrix: Solid** 

Date Received: 01/05/23 08:54

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 01:58	1
o-Xylene	0.00219		0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 01:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/05/23 14:21	01/07/23 01:58	1
1,4-Difluorobenzene (Surr)	114		70 - 130				01/05/23 14:21	01/07/23 01:58	1

mothod: IAL COI Total BILX	Total BIEN Gale	diation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 11:51	1

Method: SW846 8015 NM - Diesel Range	Organ	ics (DRO) (G0	<b>C</b> )					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/09/23 17:57	1

Method: SW846 8015B NM - Dies Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 14:47	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 14:47	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 14:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/06/23 15:06	01/08/23 14:47	1
o-Terphenyl	102		70 - 130				01/06/23 15:06	01/08/23 14:47	1

Method: MCAWW 300.0 - Anions, Id	on Chromato	graphy - So	luble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9770		50.1		mg/Kg			01/12/23 22:33	10

**Eurofins Carlsbad** 

Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Client Sample ID: S-2 (3-3.5)

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-9

Matrix: Solid

111	U U U U	0.00200 0.00200 0.00200 0.00401 0.00200 0.00401 <i>Limits</i> 70 - 130		mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg		01/05/23 14:21 01/05/23 14:21 01/05/23 14:21 01/05/23 14:21 01/05/23 14:21 01/05/23 14:21 Prepared	01/07/23 02:18 01/07/23 02:18 01/07/23 02:18 01/07/23 02:18 01/07/23 02:18 01/07/23 02:18 01/07/23 02:18	1 1 1 1 1 1 Dil Fac
<0.00200 <0.00401 <0.00200 <0.00401 <i>GRecovery</i>	U U U	0.00200 0.00401 0.00200 0.00401 <i>Limits</i>		mg/Kg mg/Kg mg/Kg		01/05/23 14:21 01/05/23 14:21 01/05/23 14:21 01/05/23 14:21	01/07/23 02:18 01/07/23 02:18 01/07/23 02:18 01/07/23 02:18	Dil Fac
<0.00401 <0.00200 <0.00401 SRecovery	U U U	0.00401 0.00200 0.00401 <i>Limits</i>		mg/Kg mg/Kg		01/05/23 14:21 01/05/23 14:21 01/05/23 14:21	01/07/23 02:18 01/07/23 02:18 01/07/23 02:18	Dil Fac
<0.00200 <0.00401 6Recovery	U U	0.00200 0.00401 <i>Limits</i>		mg/Kg		01/05/23 14:21 01/05/23 14:21	01/07/23 02:18 01/07/23 02:18	Dil Fa
<0.00401 6Recovery 111	U	0.00401				01/05/23 14:21	01/07/23 02:18	Dil Fac
Recovery		Limits		mg/Kg				Dil Fa
111	Qualifier					Prepared	Analyzed	Dil Fa
		70 - 130						
400						01/05/23 14:21	01/07/23 02:18	
108		70 - 130				01/05/23 14:21	01/07/23 02:18	1
TEX Cald	culation							
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<0.00401	U	0.00401		mg/Kg			01/09/23 11:51	
je Organ	ics (DRO) (	GC)						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<49.9	U	49.9		mg/Kg			01/09/23 17:57	
je	Result <0.00401 Period Organ Result <49.9	Result Qualifier U	Result         Qualifier         RL           <0.00401	Result          Qualifier         RL          MDL            \$0.00401         U         0.00401         0.00401           \$ Organics (DRO) (GC)         Result          Qualifier         RL          MDL            <49.9	Result (0.00401)         Qualifier (0.00401)         RL (0.00401)         MDL (0.00401)         Unit (0.00401)           8 Organics (DRO) (GC)         Result (0.00401)         RL (0.00401)         MDL (0.00401)         Unit (0.00401)           <49.9	Result co.00401         Qualifier	Result co.00401         Qualifier Qualifier         RL Qualifier         MDL mg/Kg         Unit Qualifier         D Prepared           © Organics (DRO) (GC)         Result Qualifier         RL MDL Unit Qualifier         D Prepared           <49.9	Result co.00401         Qualifier         RL co.00401         MDL mg/Kg         D mg/Kg         Prepared co.01/09/23 11:51           Programics (DRO) (GC)         Result constraints         Qualifier         RL constraints         MDL unit constraints         D prepared constraints         Analyzed constraints           Analyzed constraints         MDL unit constraints         D prepared constraints         Analyzed constraints           Analyzed constraints         MDL unit constraints         D prepared constraints         Analyzed constraints           Analyzed constraints         MDL unit constraints         D prepared constraints         Analyzed constraints           Analyzed constraints         MDL unit constraints         D prepared constraints         Analyzed constraints           Analyzed constraints         MDL unit constraints         D prepared constraints         Analyzed constraints

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 15:08	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 15:08	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/06/23 15:06	01/08/23 15:08	1
o-Terphenyl	93		70 - 130				01/06/23 15:06	01/08/23 15:08	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	9290		50.2		mg/Kg			01/12/23 22:40	10

Client Sample ID: S-2 (4-4.5) Lab Sample ID: 890-3763-10 Date Collected: 01/04/23 12:00 **Matrix: Solid** 

Date Received: 01/05/23 08:54

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/05/23 14:21	01/07/23 02:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/05/23 14:21	01/07/23 02:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				01/05/23 14:21	01/07/23 02:39	1
1,4-Difluorobenzene (Surr)	93		70 - 130				01/05/23 14:21	01/07/23 02:39	1

Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1

SDG: Lea County NM

**Client Sample ID: S-2 (4-4.5)** Date Collected: 01/04/23 12:00

Lab Sample ID: 890-3763-10 Matrix: Solid

Date Received: 01/05/23 08:54

Method: TAL SOP Total BTEX - T	otal B   EX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/09/23 11:51	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:57	1
- Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 15:29	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 15:29	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				01/06/23 15:06	01/08/23 15:29	1
o-Terphenyl	92		70 - 130				01/06/23 15:06	01/08/23 15:29	1
Method: MCAWW 300.0 - Anions	, Ion Chromato	graphy - S	oluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10900		49.8		mg/Kg			01/12/23 11:49	10

Client Sample ID: S-3 (0-1) Lab Sample ID: 890-3763-11 Date Collected: 01/04/23 12:00 **Matrix: Solid** 

Date Received: 01/05/23 08:54

Released to Imaging: 5/8/2024 3:19:00 PM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:09	
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:09	1
m-Xylene & p-Xylene	0.00478		0.00400		mg/Kg		01/05/23 14:21	01/07/23 05:09	1
o-Xylene	0.00303		0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:09	1
Xylenes, Total	0.00781		0.00400		mg/Kg		01/05/23 14:21	01/07/23 05:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/05/23 14:21	01/07/23 05:09	1
1,4-Difluorobenzene (Surr)  Method: TAL SOP Total BTEX	108 - Total BTEX Cald	culation	70 - 130				01/05/23 14:21	01/07/23 05:09	1
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	culation Qualifier	RL	MDL	Unit mg/Kg	<u>D</u>	01/05/23 14:21 Prepared	Analyzed	·
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Cald Result 0.00781	Qualifier	RL 0.00400	MDL	Unit mg/Kg	<u>D</u>			·
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die	- Total BTEX Cald Result 0.00781 sel Range Organ	Qualifier ics (DRO) (	RL 0.00400		mg/Kg	<u> </u>	Prepared	Analyzed 01/09/23 11:51	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte	- Total BTEX Cald Result 0.00781 sel Range Organ Result	Qualifier ics (DRO) ( Qualifier	RL	MDL	mg/Kg	<u>D</u>		Analyzed 01/09/23 11:51	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Cald Result 0.00781 sel Range Organ Result <50.0	Qualifier ics (DRO) ( Qualifier U	RL 0.00400 ———————————————————————————————		mg/Kg	<u> </u>	Prepared	Analyzed 01/09/23 11:51	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte Total TPH  Method: SW846 8015B NM - Die	- Total BTEX Calc Result 0.00781  sel Range Organ Result <50.0 iesel Range Orga	Qualifier ics (DRO) ( Qualifier U	RL 0.00400  GC)  RL 50.0	MDL	mg/Kg  Unit mg/Kg	<u></u>	Prepared Prepared	Analyzed 01/09/23 11:51  Analyzed 01/09/23 17:57	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte Total TPH  Method: SW846 8015B NM - Die Analyte	- Total BTEX Calc Result 0.00781 sel Range Organ Result <50.0 iesel Range Orga Result	Qualifier  ics (DRO) ( Qualifier  U  nics (DRO) Qualifier	RL 0.00400  GC)  RL 50.0  (GC)  RL		mg/Kg  Unit mg/Kg  Unit	<u> </u>	Prepared Prepared	Analyzed 01/09/23 11:51  Analyzed 01/09/23 17:57  Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result 0.00781  sel Range Organ Result <50.0 iesel Range Orga	Qualifier  ics (DRO) ( Qualifier  U  nics (DRO) Qualifier	RL 0.00400  GC)  RL 50.0	MDL	mg/Kg  Unit mg/Kg	<u></u>	Prepared Prepared	Analyzed 01/09/23 11:51  Analyzed 01/09/23 17:57	Dil Fac

Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1 SDG: Lea County NM

Client Sample ID: S-3 (0-1)

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54 Lab Sample ID: 890-3763-11

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 16:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/06/23 15:06	01/08/23 16:12	1
o-Terphenyl	98		70 - 130				01/06/23 15:06	01/08/23 16:12	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8430		50.0		mg/Kg			01/12/23 12:07	10

Client Sample ID: S-3 (1-1.5)

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-12

**Matrix: Solid** 

Method: SW846 8021B - Volat	ile Organic Comp	ounds (GC	)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/05/23 14:21	01/07/23 05:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/05/23 14:21	01/07/23 05:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				01/05/23 14:21	01/07/23 05:30	1
1,4-Difluorobenzene (Surr)	110		70 - 130				01/05/23 14:21	01/07/23 05:30	1

Method: TAI	L SOP Total BTEX	X - Total BTE	Calculation
mounour m		·	· • alloulation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	< 0.00399	U	0.00399		ma/Ka			01/09/23 11:51	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (	CC	í
Method. 544646 6613 MM - Dieser Kange Organics (DICO) (	OU,	,

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	П	50.0	ma/Ka			01/09/23 17:57	

Method. 544040 00 13D 14M - Dies	sei italige Orga	יסאום) פטוווו	, (30)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 16:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 16:33	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

1-Chlorooctane	93	70 - 130	01/06/23 15:06	01/08/23 16:33
o-Terphenyl	102	70 - 130	01/06/23 15:06	01/08/23 16:33

# Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5660		49.5		mg/Kg			01/12/23 12:14	10

Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Client Sample ID: S-3 (2-2.5)

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-13

**Matrix: Solid** 

Method: SW846 8021B - Volati	le Organic Comp	ounds (GC	)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 05:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 05:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 05:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 05:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 05:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 05:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				01/05/23 14:21	01/07/23 05:50	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/05/23 14:21	01/07/23 05:50	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation** MDL Unit Analyte Result Qualifier RL D Prepared Analyzed Dil Fac Total BTEX <0.00398 0.00398 mg/Kg 01/09/23 11:51

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total TPH <49.9 U 49.9 01/09/23 17:57 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Gasoline Range Organics <49.9 U 49.9 01/06/23 15:06 01/08/23 16:54 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 49.9 01/06/23 15:06 01/08/23 16:54 mg/Kg C10-C28) OII Range Organics (Over C28-C36) <49.9 U 49.9 mg/Kg 01/06/23 15:06 01/08/23 16:54 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 92 70 - 130 01/06/23 15:06 01/08/23 16:54 103 70 - 130 01/06/23 15:06 01/08/23 16:54 o-Terphenyl

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 4890 25.1 01/12/23 12:20 mg/Kg

Client Sample ID: S-3 (3-3.5) Lab Sample ID: 890-3763-14 Date Collected: 01/04/23 12:00 **Matrix: Solid** 

Date Received: 01/05/23 08:54

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 06:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 06:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 06:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/05/23 14:21	01/07/23 06:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 06:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/05/23 14:21	01/07/23 06:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				01/05/23 14:21	01/07/23 06:11	1
1.4-Difluorobenzene (Surr)	109		70 - 130				01/05/23 14:21	01/07/23 06:11	1

Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1

SDG: Lea County NM

Client Sample ID: S-3 (3-3.5)

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-14

Matrix: Solid

_									
Method: TAL SOP Total BTEX -	Total BTEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 11:51	1
- Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:57	1
_ Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 17:16	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 17:16	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 17:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Junogate	, ,								
1-Chlorooctane	97		70 - 130				01/06/23 15:06	01/08/23 17:16	1

Method: MCAWW 300.0 - Anions							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4410	24.8	mg/Kg			01/12/23 10:35	5

**Client Sample ID: S-3 (4-4.5)** Lab Sample ID: 890-3763-15 Date Collected: 01/04/23 12:00 **Matrix: Solid** 

Date Received: 01/05/23 08:54

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.00250		0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:31	
Toluene	0.00236		0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:31	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:31	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 06:31	
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:31	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 06:31	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	114		70 - 130				01/05/23 14:21	01/07/23 06:31	
Method: TAL SOP Total BTEX			70 <sub>-</sub> 130	MDI	llnit	ь	01/05/23 14:21	01/07/23 06:31	
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	culation Qualifier	70 - 130  RL  0.00402	MDL	Unit mg/Kg	<u>D</u>	01/05/23 14:21 Prepared	01/07/23 06:31  Analyzed  01/09/23 11:51	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Cald Result 0.00486	Qualifier	RL 0.00402	MDL		<u>D</u>		Analyzed	Dil Fa
1,4-Difluorobenzene (Surr)  Method: TAL SOP Total BTEX Analyte  Total BTEX  Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result 0.00486 sel Range Organ	Qualifier	RL 0.00402			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die	- Total BTEX Calc Result 0.00486 sel Range Organ	Qualifier ics (DRO) ( Qualifier	RL 0.00402		mg/Kg	<u> </u>	Prepared	Analyzed 01/09/23 11:51	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result 0.00486 sel Range Organ Result <a href="mailto:49.9">&lt; 49.9</a>	Qualifier ics (DRO) ( Qualifier U	RL 0.00402  GC) RL 49.9		mg/Kg	<u> </u>	Prepared	Analyzed 01/09/23 11:51	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte Total TPH  Method: SW846 8015B NM - D	- Total BTEX Calc Result 0.00486 sel Range Organ Result <49.9	Qualifier ics (DRO) ( Qualifier U	RL 0.00402  GC) RL 49.9		mg/Kg  Unit mg/Kg	<u> </u>	Prepared	Analyzed 01/09/23 11:51	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result 0.00486 sel Range Organ Result <49.9	Qualifier  ics (DRO) ( Qualifier  U  nics (DRO) Qualifier	RL 0.00402  GC)  RL 49.9	MDL	mg/Kg  Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 01/09/23 11:51  Analyzed 01/09/23 17:57	Dil Fac

Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Client Sample ID: S-3 (4-4.5)

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-15

Matrix: Solid

Method: SW846 8015B NM - Diese	el Range Orga	nics (DRO)	(GC) (Continue	ed)					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 17:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				01/06/23 15:06	01/08/23 17:37	1
o-Terphenyl	109		70 - 130				01/06/23 15:06	01/08/23 17:37	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	5550		24.8		mg/Kg			01/12/23 10:54	5

Client Sample ID: H-1

Lab Sample ID: 890-3763-16

Matrix: Solid

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.00242		0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:52	
Toluene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:52	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:52	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 06:52	
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:52	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 06:52	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	125		70 - 130				01/05/23 14:21	01/07/23 06:52	
1,4-Difluorobenzene (Surr)	97		70 - 130				01/05/23 14:21	01/07/23 06:52	
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/09/23 11:51	
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:57	
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 17:58	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 17:58	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 17:58	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
							01/06/23 15:06	04/00/00 47-50	
	93		70 - 130				01/00/23 13.00	01/08/23 17:58	
1-Chlorooctane o-Terphenyl	93 105		70 - 130 70 - 130				01/06/23 15:06	01/08/23 17:58	
1-Chlorooctane	105	ography - So	70 - 130						
1-Chlorooctane o-Terphenyl	105	ography - So Qualifier	70 - 130	MDL	Unit	<u>D</u>			Dil Fa

Analyte

Benzene

Toluene

o-Xylene

Ethylbenzene

Xylenes, Total

m-Xylene & p-Xylene

Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

RL

0.00198

0.00198

0.00198

0.00396

0.00198

0.00396

MDL Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

Client Sample ID: H-2

Result Qualifier

<0.00198

<0.00198 U

<0.00198 U

<0.00396 U

<0.00198 U

<0.00396 U

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-17

Matrix: Solid

D	Prepared	Analyzed	Dil Fac
_	01/05/23 14:21	01/07/23 07:12	1
	01/05/23 14:21	01/07/23 07:12	1
	01/05/23 14:21	01/07/23 07:12	1
	01/05/23 14:21	01/07/23 07:12	1

01/07/23 07:12

01/07/23 07:12

01/05/23 14:21

01/05/23 14:21

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 113 70 - 13001/05/23 14:21 01/07/23 07:12 111 70 - 130 01/05/23 14:21 01/07/23 07:12

1,4-Difluorobenzene (Surr)

**Method: TAL SOP Total BTEX - Total BTEX Calculation** 

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total BTEX <0.00396 0.00396 mg/Kg 01/09/23 11:51

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Analyzed Prepared Total TPH <49.9 U 49.9 mg/Kg 01/09/23 17:57

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Result Qualifier Analyte RL MDL Unit Prepared Analyzed Dil Fac Gasoline Range Organics <49.9 U 49.9 01/08/23 18:20 01/06/23 15:06 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 49.9 01/06/23 15:06 01/08/23 18:20 mg/Kg C10-C28) OII Range Organics (Over C28-C36) <49.9 U 49.9 01/06/23 15:06 01/08/23 18:20 mg/Kg

%Recovery Qualifier Limits Prepared Analyzed Dil Fac Surrogate 1-Chlorooctane 96 70 - 130 01/06/23 15:06 01/08/23 18:20 106 70 - 130 01/06/23 15:06 01/08/23 18:20 o-Terphenyl

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 5.04 01/12/23 11:06 Chloride 412 mg/Kg

Client Sample ID: H-3 Lab Sample ID: 890-3763-18

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte Result Qualifier MDL Unit Dil Fac RL D Prepared Analyzed Benzene <0.00198 U 0.00198 01/05/23 14:21 01/07/23 07:32 mg/Kg Toluene <0.00198 U 0.00198 mg/Kg 01/05/23 14:21 01/07/23 07:32 Ethylbenzene <0.00198 U 0.00198 mg/Kg 01/05/23 14:21 01/07/23 07:32 m-Xylene & p-Xylene <0.00396 U 0.00396 mg/Kg 01/05/23 14:21 01/07/23 07:32 o-Xylene <0.00198 U 0.00198 mg/Kg 01/05/23 14:21 01/07/23 07:32 Xylenes, Total <0.00396 U 0.00396 mg/Kg 01/05/23 14:21 01/07/23 07:32

Qualifier Limits Surrogate %Recovery Prepared Analyzed Dil Fac 109 70 - 130 01/05/23 14:21 4-Bromofluorobenzene (Surr) 01/07/23 07:32 1,4-Difluorobenzene (Surr) 108 70 - 130 01/05/23 14:21 01/07/23 07:32

**Eurofins Carlsbad** 

Dil Fac

**Matrix: Solid** 

Project/Site: Gaucho 30 CTB 1

Date Received: 01/05/23 08:54

Job ID: 890-3763-1

SDG: Lea County NM

Client Sample ID: H-3

Date Collected: 01/04/23 12:00

Lab Sample ID: 890-3763-18

**Matrix: Solid** 

**Method: TAL SOP Total BTEX - Total BTEX Calculation** 

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total BTEX <0.00396 0.00396 01/09/23 11:51 mg/Kg

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Result Qualifier MDL RL Unit D Prepared Analyzed Dil Fac Total TPH <50.0 U 50.0 01/09/23 17:57 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte Result Qualifier RΙ MDL Unit D Prepared Dil Fac Analyzed <50.0 U 50.0 01/06/23 15:06 01/08/23 18:41 Gasoline Range Organics mg/Kg (GRO)-C6-C10 50.0 Diesel Range Organics (Over <50.0 U mg/Kg 01/06/23 15:06 01/08/23 18:41 C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 01/06/23 15:06 01/08/23 18:41 mg/Kg

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 81 70 - 130 01/06/23 15:06 01/08/23 18:41 91 70 - 130 01/06/23 15:06 01/08/23 18:41 o-Terphenyl

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier Analyte RL MDL Unit D Prepared Analyzed Dil Fac Chloride 499 4.99 mg/Kg 01/12/23 11:12

Client Sample ID: H-4 Lab Sample ID: 890-3763-19

Date Collected: 01/04/23 12:00

Date Received: 01/05/23 08:54

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Benzene <0.00199 0.00199 mg/Kg 01/05/23 14:21 01/07/23 07:53 Toluene <0.00199 U 0.00199 01/05/23 14:21 01/07/23 07:53 mg/Kg 01/05/23 14:21 01/07/23 07:53 Ethylbenzene <0.00199 U 0.00199 mg/Kg m-Xylene & p-Xylene <0.00398 U 0.00398 mg/Kg 01/05/23 14:21 01/07/23 07:53 o-Xylene <0.00199 U 0.00199 mg/Kg 01/05/23 14:21 01/07/23 07:53 <0.00398 U 0.00398 01/05/23 14:21 01/07/23 07:53 Xylenes, Total mg/Kg

%Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 70 - 130 01/05/23 14:21 4-Bromofluorobenzene (Surr) 109 01/07/23 07:53 01/05/23 14:21 1,4-Difluorobenzene (Surr) 109 70 - 130 01/07/23 07:53

**Method: TAL SOP Total BTEX - Total BTEX Calculation** 

Analyte Result Qualifier D RL MDL Dil Fac Unit Prepared Analyzed Total BTEX <0.00398 U 0.00398 01/09/23 11:51 mg/Kg

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte Result Qualifier RL MDL Dil Fac Unit D Analyzed Prepared Total TPH <49.9 U 49.9 01/09/23 17:57 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte Result Qualifier MDL Dil Fac RL Unit D Prepared Analyzed <49.9 U 01/06/23 15:06 01/08/23 19:02 Gasoline Range Organics 49.9 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 49.9 mg/Kg 01/06/23 15:06 01/08/23 19:02

C10-C28)

Released to Imaging: 5/8/2024 3:19:00 PM

Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Client Sample ID: H-4

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-19

Matrix: Solid

Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC) (Continue	ed)					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 19:02	1
_							_		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				01/06/23 15:06	01/08/23 19:02	1
o-Terphenyl	89		70 - 130				01/06/23 15:06	01/08/23 19:02	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier RL MDL Dil Fac Analyte Unit D Prepared Analyzed 5.03 01/12/23 11:18 488 Chloride mg/Kg

Client Sample ID: H-5

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-20

**Matrix: Solid** 

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Benzene <0.00198 U 0.00198 01/05/23 14:21 01/07/23 08:13 mg/Kg Toluene <0.00198 U 0.00198 01/05/23 14:21 01/07/23 08:13 mg/Kg Ethylbenzene <0.00198 U 0.00198 01/05/23 14:21 01/07/23 08:13 mg/Kg m-Xylene & p-Xylene 01/05/23 14:21 01/07/23 08:13 <0.00397 U 0.00397 mg/Kg o-Xylene <0.00198 U 0.00198 mg/Kg 01/05/23 14:21 01/07/23 08:13 Xylenes, Total <0.00397 U 0.00397 mg/Kg 01/05/23 14:21 01/07/23 08:13 %Recovery Limits Dil Fac Surrogate Qualifier Prepared Analyzed 70 - 130 01/05/23 14:21 4-Bromofluorobenzene (Surr) 111 01/07/23 08:13 1,4-Difluorobenzene (Surr) 70 - 130 110 01/05/23 14:21 01/07/23 08:13

Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL MDL Unit D Dil Fac Prepared Analyzed Total BTEX <0.00397 U 0.00397 mg/Kg 01/09/23 11:51

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier MDL Dil Fac RL Unit D Prepared Analyzed Total TPH <49.9 U 49.9 01/09/23 17:57 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier Analyte RL MDL Unit Prepared Analyzed Dil Fac Gasoline Range Organics <49.9 U 49.9 01/06/23 15:06 01/08/23 19:24 mg/Kg (GRO)-C6-C10 01/06/23 15:06 01/08/23 19:24 Diesel Range Organics (Over <49.9 U 49.9 mg/Kg C10-C28) OII Range Organics (Over C28-C36) <49.9 U 49.9 mg/Kg 01/06/23 15:06 01/08/23 19:24 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 80 70 - 130 01/06/23 15:06 01/08/23 19:24 87 70 - 130 01/06/23 15:06 01/08/23 19:24 o-Terphenyl

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier MDL Dil Fac RL Unit Prepared Analyzed Chloride 178 4.98 01/10/23 17:43 mg/Kg

Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

**Client Sample ID: H-6** Lab Sample ID: 890-3763-21

Date Collected: 01/04/23 12:00 Matrix: Solid Date Received: 01/05/23 08:54

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/11/23 09:16	01/11/23 14:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/11/23 09:16	01/11/23 14:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/11/23 09:16	01/11/23 14:36	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/11/23 09:16	01/11/23 14:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/11/23 09:16	01/11/23 14:36	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/11/23 09:16	01/11/23 14:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				01/11/23 09:16	01/11/23 14:36	1
1,4-Difluorobenzene (Surr)	108		70 - 130				01/11/23 09:16	01/11/23 14:36	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	П	0.00404		mg/Kg			01/11/23 17:03	1
Method: SW846 8015 NM - Diese					mg/Kg			01/11/20 17:00	,
Method: SW846 8015 NM - Diese Analyte	el Range Organ			MDL	Unit	D	Prepared	Analyzed	
	el Range Organ	ics (DRO) (C	GC)	MDL		<u>D</u>	Prepared		Dil Fac
Analyte Total TPH	el Range Organ Result <49.9	ics (DRO) (0 Qualifier	RL 49.9	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Analyte	el Range Organ Result <a href="#">&lt;49.9</a> sel Range Organ	ics (DRO) (0 Qualifier	RL 49.9		Unit	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Die	el Range Organ Result <a href="#">&lt;49.9</a> sel Range Organ	ics (DRO) (O Qualifier U	RL 49.9 (GC)		Unit mg/Kg		<u> </u>	Analyzed 01/09/23 09:38	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte	el Range Organ Result <a href="#">&lt;49.9</a> sel Range Orga Result	ics (DRO) (O Qualifier U	RL 49.9 (GC)		Unit mg/Kg		Prepared	Analyzed 01/09/23 09:38 Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Organ Result <a href="#">&lt;49.9</a> sel Range Orga Result	ics (DRO) (Control of the control of	RL 49.9 (GC)		Unit mg/Kg		Prepared	Analyzed 01/09/23 09:38 Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result 49.9 sel Range Orga Result 49.9	ics (DRO) (Control of the control of	GC)  RL 49.9  (GC)  RL 49.9  49.9		Unit mg/Kg  Unit mg/Kg mg/Kg		Prepared 01/06/23 13:02 01/06/23 13:02	Analyzed 01/09/23 09:38  Analyzed 01/07/23 21:32 01/07/23 21:32	Dil Fac  Dil Fac  1
Analyte Total TPH  Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Organ Result 49.9 sel Range Orga Result 49.9	ics (DRO) (Control of the control of	(GC)  RL 49.9  (GC)  RL 49.9		Unit mg/Kg  Unit mg/Kg		Prepared 01/06/23 13:02	Analyzed 01/09/23 09:38  Analyzed 01/07/23 21:32	Dil Fac  Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate	el Range Organ Result <49.9 sel Range Orga Result <49.9 <49.9 <49.9 %Recovery	ics (DRO) (Control of the control of	GC)  RL 49.9  (GC)  RL 49.9  49.9  49.9  Limits		Unit mg/Kg  Unit mg/Kg mg/Kg		Prepared 01/06/23 13:02 01/06/23 13:02 01/06/23 13:02 Prepared	Analyzed 01/09/23 09:38  Analyzed 01/07/23 21:32 01/07/23 21:32 Analyzed	Dil Fac  Dil Fac  1  Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	el Range Organ Result 49.9 sel Range Orga Result 49.9 49.9	ics (DRO) (Control of the control of	GC)  RL 49.9  (GC)  RL 49.9  49.9  49.9		Unit mg/Kg  Unit mg/Kg mg/Kg		Prepared 01/06/23 13:02 01/06/23 13:02 01/06/23 13:02	Analyzed 01/09/23 09:38  Analyzed 01/07/23 21:32 01/07/23 21:32	Dil Fac  Dil Fac  1  1  1
Analyte Total TPH  Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate	el Range Organ Result <49.9 sel Range Orga Result <49.9 <49.9 <49.9 %Recovery	ics (DRO) (Control of the control of	GC)  RL 49.9  (GC)  RL 49.9  49.9  49.9  Limits		Unit mg/Kg  Unit mg/Kg mg/Kg		Prepared 01/06/23 13:02 01/06/23 13:02 01/06/23 13:02 Prepared	Analyzed 01/09/23 09:38  Analyzed 01/07/23 21:32 01/07/23 21:32 Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane o-Terphenyl	sel Range Organ Result <49.9 sel Range Orga Result <49.9 <49.9 <49.9  %Recovery 81 81	ics (DRO) (Control of the control of	GC)  RL 49.9  (GC)  RL 49.9  49.9  49.9  Limits 70 - 130 70 - 130		Unit mg/Kg  Unit mg/Kg mg/Kg		Prepared 01/06/23 13:02 01/06/23 13:02 01/06/23 13:02  Prepared 01/06/23 13:02	Analyzed 01/09/23 09:38  Analyzed 01/07/23 21:32 01/07/23 21:32  Analyzed 01/07/23 21:32	Dil Fac  Dil Fac  1  Dil Fac  1  1  Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	el Range Organ Result <49.9 sel Range Orga Result <49.9 <49.9 <49.9  %Recovery 81 81 s, lon Chromato	ics (DRO) (Control of the control of	GC)  RL 49.9  (GC)  RL 49.9  49.9  49.9  Limits 70 - 130 70 - 130	MDL	Unit mg/Kg  Unit mg/Kg mg/Kg		Prepared 01/06/23 13:02 01/06/23 13:02 01/06/23 13:02  Prepared 01/06/23 13:02	Analyzed 01/09/23 09:38  Analyzed 01/07/23 21:32 01/07/23 21:32  Analyzed 01/07/23 21:32	Dil Fac  1  Dil Fac  1  1  Dil Fac  1

Client Sample ID: H-7 Lab Sample ID: 890-3763-22

**Matrix: Solid** Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Date Received.	01/05/25 06.54	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/11/23 09:16	01/11/23 14:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/11/23 09:16	01/11/23 14:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/11/23 09:16	01/11/23 14:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/11/23 09:16	01/11/23 14:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/11/23 09:16	01/11/23 14:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/11/23 09:16	01/11/23 14:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				01/11/23 09:16	01/11/23 14:56	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/11/23 09:16	01/11/23 14:56	1

Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1

SDG: Lea County NM

Client Sample ID: H-7

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-22

Matrix: Solid

Method: TAL SOP Total BTEX - To	otal BTEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/11/23 17:03	1
Method: SW846 8015 NM - Diese	Range Organ	ics (DRO) (	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/09/23 09:38	1
Method: SW846 8015B NM - Dies Analyte		nics (DRO) Qualifier	(GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8		49.8		mg/Kg	<u>-</u>	01/06/23 13:02	01/07/23 22:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/06/23 13:02	01/07/23 22:35	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/06/23 13:02	01/07/23 22:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				01/06/23 13:02	01/07/23 22:35	1
o-Terphenyl	81		70 - 130				01/06/23 13:02	01/07/23 22:35	1

888 5.02 01/10/23 17:53 Chloride mg/Kg Client Sample ID: H-8

RL

MDL Unit

D

Prepared

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Analyte

Lab Sample ID: 890-3763-23

Analyzed

**Matrix: Solid** 

Dil Fac

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/11/23 09:16	01/11/23 15:17	
Toluene	< 0.00199	U	0.00199		mg/Kg		01/11/23 09:16	01/11/23 15:17	,
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/11/23 09:16	01/11/23 15:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/11/23 09:16	01/11/23 15:17	
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/11/23 09:16	01/11/23 15:17	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/11/23 09:16	01/11/23 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				01/11/23 09:16	01/11/23 15:17	1
	100		70 - 130				01/11/23 09:16	01/11/23 15:17	1
1,4-Difluorobenzene (Surr)  Method: TAL SOP Total BTEX Analyte		culation Qualifier	70 <u>-</u> 130	MDL	Unit	D	Prepared	Analyzed	
		culation	70 - 130				01/11/23 09.10	01/11/20 10:17	,
Method: TAL SOP Total BTEX	- Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00398	<b>Qualifier</b> U	RL 0.00398	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <0.00398 esel Range Organ	<b>Qualifier</b> U	RL 0.00398	MDL	mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00398 esel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00398		mg/Kg		Prepared	Analyzed 01/11/23 17:03	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00398 esel Range Organ Result <49.9	Qualifier U ics (DRO) ( Qualifier U	RL 0.00398  GC)  RL 49.9		mg/Kg		Prepared	Analyzed 01/11/23 17:03 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00398 esel Range Organ Result <49.9	Qualifier U ics (DRO) ( Qualifier U	RL 0.00398  GC)  RL 49.9		mg/Kg  Unit mg/Kg		Prepared	Analyzed 01/11/23 17:03 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte Total TPH  Method: SW846 8015B NM - D	- Total BTEX Calc Result <0.00398 esel Range Organ Result <49.9	Qualifier U  ics (DRO) ( Qualifier U  nics (DRO) Qualifier	RL 0.00398  GC)  RL 49.9	MDL	mg/Kg  Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 01/11/23 17:03  Analyzed 01/09/23 09:38	Dil Fac

Date Received: 01/05/23 08:54

## **Client Sample Results**

Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

**Client Sample ID: H-8** Date Collected: 01/04/23 12:00

Lab Sample ID: 890-3763-23

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Anal	yte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OIIR	ange Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 13:02	01/07/23 22:56	1
Surre	ogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Ch	lorooctane	76		70 - 130				01/06/23 13:02	01/07/23 22:56	1

Method: MCAWW 300.0 - Anions, I	on Chromatography - Solu	ıble					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1250	5.01	mg/Kg			01/10/23 17:58	1

# **Surrogate Summary**

Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		DED4	DED 74
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-23426-A-20-H MS	Matrix Spike	104	104
880-23426-A-20-I MSD	Matrix Spike Duplicate	103	107
890-3763-1	S-1 (0-1)	88	90
890-3763-2	S-1 (1-1.5)	101	106
890-3763-2 MS	S-1 (1-1.5)	108	100
890-3763-2 MSD	S-1 (1-1.5)	126	101
890-3763-3		108	106
	S-1 (2-2.5)	108	
890-3763-4	S-1 (3-3.5)		96
890-3763-5	S-1 (4-4.5)	107	105
890-3763-6	S-2 (0-1)	90	82
890-3763-7	S-2 (1-1.5)	109	107
890-3763-8	S-2 (2-2.5)	97	114
890-3763-9	S-2 (3-3.5)	111	108
890-3763-10	S-2 (4-4.5)	117	93
890-3763-11	S-3 (0-1)	108	108
890-3763-12	S-3 (1-1.5)	112	110
890-3763-13	S-3 (2-2.5)	105	109
890-3763-14	S-3 (3-3.5)	110	109
890-3763-15	S-3 (4-4.5)	114	104
890-3763-16	H-1	125	97
890-3763-17	H-2	113	111
890-3763-18	H-3	109	108
890-3763-19	H-4	109	109
890-3763-20	H-5	111	110
890-3763-21	H-6	112	108
890-3763-22	H-7	111	109
890-3763-23	H-8	111	106
LCS 880-43280/1-A	Lab Control Sample	97	104
LCS 880-43707/1-A	Lab Control Sample	104	107
LCSD 880-43280/2-A	Lab Control Sample Dup	99	107
LCSD 880-43707/2-A	Lab Control Sample Dup	105	106
MB 880-43171/5-A	Method Blank	99	105
MB 880-43280/5-A	Method Blank	99	102
MB 880-43707/5-A	Method Blank	101	100
ЛВ 880-43707/5-A	Method Blank	101	100
Surrogate Legend			

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

### Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

_ 				Percent Surrogate Re
		1CO1	ОТРН1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-3763-1	S-1 (0-1)	83	94	
890-3763-1 MS	S-1 (0-1)	63 S1-	61 S1-	
890-3763-1 MSD	S-1 (0-1)	60 S1-	60 S1-	
890-3763-2	S-1 (1-1.5)	99	110	
890-3763-3	S-1 (2-2.5)	84	95	

## **Surrogate Summary**

Client: NT Global Job ID: 890-3763-1
Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid Prep Type: Total/NA

		4004	OTPH1	Percent Surrogate Recovery (Acceptance Limits
Lab Camada ID	Olivert Overrula ID	1CO1 (70-130)	(70-130)	
<b>Lab Sample ID</b> 890-3763-4	Client Sample ID S-1 (3-3.5)	82	92	
890-3763-5	S-1 (4-4.5)	82	94	
890-3763-6	, ,	88	98	
690-3763-6 890-3763-7	S-2 (0-1)	81	96 92	
	S-2 (1-1.5)			
890-3763-8	S-2 (2-2.5)	94	102	
890-3763-9	S-2 (3-3.5)	84	93	
390-3763-10	S-2 (4-4.5)	82	92	
390-3763-11	S-3 (0-1)	89	98	
390-3763-12	S-3 (1-1.5)	93	102	
390-3763-13	S-3 (2-2.5)	92	103	
390-3763-14	S-3 (3-3.5)	97	107	
390-3763-15	S-3 (4-4.5)	97	109	
390-3763-16	H-1	93	105	
390-3763-17	H-2	96	106	
390-3763-18	H-3	81	91	
390-3763-19	H-4	79	89	
390-3763-20	H-5	80	87	
390-3763-21	H-6	81	81	
390-3763-21 MS	H-6	84	73	
390-3763-21 MSD	H-6	93	82	
890-3763-22	H-7	77	81	
390-3763-23	H-8	76	78	
_CS 880-43383/2-A	Lab Control Sample	116	103	
LCS 880-43418/2-A	Lab Control Sample	107	109	
_CSD 880-43383/3-A	Lab Control Sample Dup	112	102	
.CSD 880-43418/3-A	Lab Control Sample Dup	94	94	
MB 880-43383/1-A	Method Blank	112	111	
MB 880-43418/1-A	Method Blank	124	132 S1+	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: NT Global Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1 SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-43171/5-A

Analysis Batch: 43326

**Matrix: Solid** 

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 43171

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/04/23 14:24	01/06/23 11:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/04/23 14:24	01/06/23 11:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/04/23 14:24	01/06/23 11:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/04/23 14:24	01/06/23 11:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/04/23 14:24	01/06/23 11:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/04/23 14:24	01/06/23 11:51	1
•									

MB MB

Surrogate	%Recovery	Qualifier	Limits	P	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/0	04/23 14:24	01/06/23 11:51	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/0	04/23 14:24	01/06/23 11:51	1

Lab Sample ID: MB 880-43280/5-A Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 43326								Prep Batch	1: 43280
	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/06/23 23:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/06/23 23:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/06/23 23:47	1

<0.00400 U 0.00400 01/05/23 14:21 01/06/23 23:47 m-Xylene & p-Xylene mg/Kg <0.00200 U 0.00200 01/05/23 14:21 01/06/23 23:47 o-Xylene mg/Kg <0.00400 U 0.00400 Xylenes, Total mg/Kg 01/05/23 14:21 01/06/23 23:47

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepare	d Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/05/23 14	4:21 01/06/23 23:47	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/05/23 14	4:21 01/06/23 23:47	1

Lab Sample ID: LCS 880-43280/1-A

**Matrix: Solid** 

o-Xylene

Analysis Batch: 43326

**Client Sample ID: Lab Control Sample** 

70 - 130

87

Prep Type: Total/NA Prep Batch: 43280

Spike LCS LCS %Rec Result Qualifier Analyte Added Unit %Rec Limits Benzene 0.100 0.09378 mg/Kg 94 70 - 130 Toluene 0.100 0.08950 mg/Kg 90 70 - 130 Ethylbenzene 0.100 0.08749 mg/Kg 87 70 - 130 0.200 m-Xylene & p-Xylene 0.1809 mg/Kg 90 70 - 130

0.100

0.08714

mg/Kg

LCS LCS

Surrogate	%Recovery Qu	ualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-43280/2-A

**Matrix: Solid** 

**Analysis Batch: 43326** 

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43280

Spike LCSD LCSD RPD %Rec Result Qualifier Analyte Added Unit %Rec Limits RPD Limit Benzene 0.100 0.09792 mg/Kg 98 70 - 130

### QC Sample Results

Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-43280/2-A

Analysis Batch: 43326

**Matrix: Solid** 

Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA Prep Batch: 43280

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Toluene	0.100	0.09327		mg/Kg		93	70 - 130	4	35
Ethylbenzene	0.100	0.09107		mg/Kg		91	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1879		mg/Kg		94	70 - 130	4	35
o-Xylene	0.100	0.09099		mg/Kg		91	70 - 130	4	35

LCSD LCSD %Recovery Qualifier Limits Surrogate 70 - 130 4-Bromofluorobenzene (Surr) 99 1,4-Difluorobenzene (Surr) 107 70 - 130

Lab Sample ID: 890-3763-2 MS Client Sample ID: S-1 (1-1.5) Prep Type: Total/NA

**Matrix: Solid** 

Analysis Batch: 43326									Prep	Batch: 43280
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.00445	F1	0.0998	0.05118	F1	mg/Kg		47	70 - 130	
Toluene	0.00396	F1	0.0998	0.05550	F1	mg/Kg		52	70 - 130	
Ethylbenzene	<0.00200	U F1	0.0998	0.05389	F1	mg/Kg		54	70 - 130	
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1158	F1	mg/Kg		57	70 - 130	
o-Xylene	<0.00200	U F1	0.0998	0.05850	F1	mg/Kg		58	70 - 130	

MS MS %Recovery Qualifier Limits Surrogate 70 - 130 4-Bromofluorobenzene (Surr) 108 1,4-Difluorobenzene (Surr) 100 70 - 130

Lab Sample ID: 890-3763-2 MSD Client Sample ID: S-1 (1-1.5)

**Matrix: Solid** 

Analysis Batch: 43326

Prep Type: Total/NA Prep Batch: 43280

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.00445	F1	0.0990	0.03923	F1	mg/Kg		35	70 - 130	26	35
Toluene	0.00396	F1	0.0990	0.04474	F1	mg/Kg		41	70 - 130	21	35
Ethylbenzene	<0.00200	U F1	0.0990	0.04964	F1	mg/Kg		50	70 - 130	8	35
m-Xylene & p-Xylene	<0.00399	U F1	0.198	0.09509	F1	mg/Kg		47	70 - 130	20	35
o-Xylene	<0.00200	U F1	0.0990	0.04936	F1	mg/Kg		49	70 - 130	17	35

	11102		
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

MSD MSD

Lab Sample ID: MB 880-43707/5-A

Released to Imaging: 5/8/2024 3:19:00 PM

**Matrix: Solid** 

Analysis Batch: 43709

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 43707

мв мв Dil Fac Analyte Result Qualifier MDL Unit Prepared Analyzed RL Benzene <0.00200 U 0.00200 01/11/23 09:16 01/11/23 12:25 mg/Kg 01/11/23 12:25 Toluene <0.00200 U 0.00200 mg/Kg 01/11/23 09:16 Ethylbenzene <0.00200 U 0.00200 mg/Kg 01/11/23 09:16 01/11/23 12:25 0.00400 01/11/23 09:16 01/11/23 12:25 m-Xylene & p-Xylene <0.00400 U mg/Kg

Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1

SDG: Lea County NM

### Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-43707/5-A

**Matrix: Solid** 

**Analysis Batch: 43709** 

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43707

Analyte	Result	Qualifier	RL	MDL Un	it	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200	mg	/Kg		01/11/23 09:16	01/11/23 12:25	1
Xylenes, Total	<0.00400	U	0.00400	mg	/Kg		01/11/23 09:16	01/11/23 12:25	1

MR MR

Surrogate	%Recovery	Qualifier L	.imits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101	7	0 - 130	01/11/23 09:16	01/11/23 12:25	1
1,4-Difluorobenzene (Surr)	100	7	'0 - 130	01/11/23 09:16	01/11/23 12:25	1

**Client Sample ID: Lab Control Sample** 

Lab Sample ID: LCS 880-43707/1-A

**Matrix: Solid** 

**Analysis Batch: 43709** 

Prep Type: Total/NA

Prep Batch: 43707

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1127		mg/Kg		113	70 - 130	
Toluene	0.100	0.1039		mg/Kg		104	70 - 130	
Ethylbenzene	0.100	0.1014		mg/Kg		101	70 - 130	
m-Xylene & p-Xylene	0.200	0.2081		mg/Kg		104	70 - 130	
o-Xylene	0.100	0.09950		mg/Kg		99	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	104	70 - 130
1.4-Difluorobenzene (Surr)	107	70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43707

Matrix: Solid Analysis Batch: 43709

Lab Sample ID: LCSD 880-43707/2-A

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1150		mg/Kg		115	70 - 130	2	35
Toluene	0.100	0.1072		mg/Kg		107	70 - 130	3	35
Ethylbenzene	0.100	0.1034		mg/Kg		103	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2130		mg/Kg		107	70 - 130	2	35
o-Xylene	0.100	0.1012		mg/Kg		101	70 - 130	2	35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	105	70 _ 130
1.4-Difluorobenzene (Surr)	106	70 - 130

Client Sample ID: Matrix Spike Lab Sample ID: 880-23426-A-20-H MS

Matrix: Solid Analysis Batch: 43709

Released to Imaging: 5/8/2024 3:19:00 PM

Prep Type: Total/NA Prep Batch: 43707

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U	0.101	0.1121		mg/Kg		111	70 - 130	
Toluene	<0.00201	U	0.101	0.1048		mg/Kg		104	70 - 130	
Ethylbenzene	<0.00201	U	0.101	0.1013		mg/Kg		100	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.202	0.2082		mg/Kg		103	70 - 130	
o-Xylene	<0.00201	U	0.101	0.09904		mg/Kg		98	70 - 130	

Client: NT Global Job ID: 890-3763-1
Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

MS MS

Lab Sample ID: 880-23426-A-20-H MS

Matrix: Solid

Analysis Batch: 43709

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 43707

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 104
 70 - 130

 1,4-Difluorobenzene (Surr)
 104
 70 - 130

Lab Sample ID: 880-23426-A-20-I MSD

Matrix: Solid

Analysis Batch: 43709

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 43707

-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U	0.0990	0.1122		mg/Kg		113	70 - 130	0	35
Toluene	<0.00201	U	0.0990	0.1037		mg/Kg		105	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.0990	0.1000		mg/Kg		101	70 - 130	1	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2056		mg/Kg		104	70 - 130	1	35
o-Xylene	<0.00201	U	0.0990	0.09887		mg/Kg		100	70 - 130	0	35

MSD MSD

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 103
 70 - 130

 1,4-Difluorobenzene (Surr)
 107
 70 - 130

#### Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-43383/1-A

Matrix: Solid

Analysis Batch: 43449

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43383

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/06/23 13:02	01/07/23 20:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 13:02	01/07/23 20:30	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 13:02	01/07/23 20:30	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepare	ed	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	01/06/23 1	3:02	01/07/23 20:30	1
o-Terphenyl	111		70 - 130	01/06/23 1	3:02	01/07/23 20:30	1

Lab Sample ID: LCS 880-43383/2-A

Matrix: Solid

Analysis Batch: 43449

Client Sample ID: Lab Control Sample

**Prep Type: Total/NA** 

Prep Batch: 43383

	<b>Spike</b>	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	924.2	-	mg/Kg		92	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	895.4		mg/Kg		90	70 - 130	

C10-C28)

	LUS	LUS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	103		70 - 130

**Eurofins Carlsbad** 

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ofins Carlsba

Job ID: 890-3763-1

SDG: Lea County NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-43383/3-A

**Matrix: Solid** Analysis Batch: 43449

Project/Site: Gaucho 30 CTB 1

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43383 Spike LCSD LCSD RPD RPD Limit Added Result Qualifier Unit D %Rec Limits

673.6 F1

mg/Kg

67

70 - 130

Analyte Gasoline Range Organics 1000 879.8 mg/Kg 88 70 - 130 5 20 (GRO)-C6-C10 1000 Diesel Range Organics (Over 874.8 mg/Kg 87 70 - 130 2 20 C10-C28)

LCSD LCSD %Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 112 o-Terphenyl 102 70 - 130

Lab Sample ID: 890-3763-21 MS Client Sample ID: H-6 Prep Type: Total/NA

**Matrix: Solid** 

**Analysis Batch: 43449** 

Diesel Range Organics (Over

Prep Batch: 43383 Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits <49.9 U 998 794.6 70 - 130 Gasoline Range Organics mg/Kg 77 (GRO)-C6-C10

998

C10-C28)

MS MS Qualifier Limits Surrogate %Recovery 1-Chlorooctane 84 70 - 130 o-Terphenyl 73 70 - 130

<49.9 UF1

MD MD

Lab Sample ID: 890-3763-21 MSD

**Matrix: Solid** 

Client Sample ID: H-6 Prep Type: Total/NA Analysis Batch: 43449 Prep Batch: 43383

Sample Sample Spike MSD MSD %Rec **RPD** Limit Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Gasoline Range Organics <49.9 U 997 879.5 85 20 70 - 130 10 mg/Kg (GRO)-C6-C10 997 755.9 76 70 - 130 12 20 Diesel Range Organics (Over <49.9 UF1 mg/Kg

C10-C28)

MSD MSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 93 70 - 130 82 70 - 130 o-Terphenyl

Lab Sample ID: MB 880-43418/1-A

**Matrix: Solid** 

**Analysis Batch: 43458** 

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43418

	IND	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 08:59	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 08:59	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 08:59	1

Client: NT Global Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

### Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-43418/1-A

**Matrix: Solid** 

Analysis Batch: 43458

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43418

MB MB

	Surrogate	%Recovery	Qualifier	Limits	Pre	epared	Analyzed	Dil Fac
	1-Chlorooctane	124		70 - 130	01/06/	/23 15:06	01/08/23 08:59	1
l	o-Terphenyl	132	S1+	70 - 130	01/06/	/23 15:06	01/08/23 08:59	1

Lab Sample ID: LCS 880-43418/2-A **Client Sample ID: Lab Control Sample** 

**Matrix: Solid** 

Analysis Batch: 43458

Lab Sample ID: LCSD 880-43418/3-A

Prep Type: Total/NA

Prep Batch: 43418

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	818.9		mg/Kg		82	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	971.7		mg/Kg		97	70 - 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery Qualifie	er Limits
1-Chlorooctane	107	70 - 130
o-Terphenyl	109	70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

**Matrix: Solid Analysis Batch: 43458** 

Prep Batch: 43418

Spike LCSD LCSD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit Gasoline Range Organics 1000 911.9 mg/Kg 91 70 - 130 11 20 (GRO)-C6-C10 1000 Diesel Range Organics (Over 856.4 mg/Kg 86 70 - 130 13 20 C10-C28)

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	94	70 - 130
o-Terphenyl	94	70 - 130

Lab Sample ID: 890-3763-1 MS Client Sample ID: S-1 (0-1)

**Matrix: Solid** 

Analysis Batch: 43458

Prep Type: Total/NA Prep Batch: 43418

Sample Sample Spike MS MS %Rec Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics <49.9 U 998 830.3 80 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 998 935.2 mg/Kg 91 70 - 130

C10-C28)

MS MS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	63	S1-	70 - 130
o-Terphenyl	61	S1-	70 - 130

Client: NT Global Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

 Lab Sample ID: 890-3763-1 MSD	Client Sample ID: S-1 (0-1)
Matrix: Solid	Prep Type: Total/NA

**Matrix: Solid** Analysis Batch: 43458

Analysis Batch: 43458									Prep	Batch:	43418
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.9	U	997	806.0		mg/Kg		78	70 - 130	3	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.9	U	997	901.0		mg/Kg		88	70 - 130	4	20
C10-C28)											

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	60	S1-	70 - 130
o-Terphenyl	60	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-43363/1-A Client Sample ID: Method Blank **Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 43615

мв мв

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00 U	5.00	mg/Kg			01/10/23 15:40	1

Lab Sample ID: LCS 880-43363/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble** 

Analysis Batch: 43615

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	250.7	-	mg/Kg		100	90 - 110	 

Lab Sample ID: LCSD 880-43363/3-A **Client Sample ID: Lab Control Sample Dup Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 43615

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	250.9		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-23397-A-4-B MS Client Sample ID: Matrix Spike **Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 43615

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	1250		248	1447	4	ma/Ka		79	90 - 110		_

Lab Sample ID: 880-23397-A-4-C MSD Client Sample ID: Matrix Spike Duplicate

**Matrix: Solid** 

Analysis Ratch: 43615

Alialysis Balcii. 43015											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	1250		248	1447	4	mg/Kg		79	90 - 110	0	20

**Eurofins Carlsbad** 

**Prep Type: Soluble** 

Client: NT Global Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-43411/1-A Client Sample ID: Method Blank

MB MB

**Matrix: Solid Prep Type: Soluble** Analysis Batch: 43621

Analyte Result Qualifier RLMDL Unit D Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 mg/Kg 01/12/23 09:40

Lab Sample ID: LCS 880-43411/2-A Client Sample ID: Lab Control Sample

**Matrix: Solid Prep Type: Soluble Analysis Batch: 43621** 

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits

Chloride 250 273.9 mg/Kg 110 90 - 110

Lab Sample ID: LCSD 880-43411/3-A Client Sample ID: Lab Control Sample Dup

**Matrix: Solid Prep Type: Soluble** 

Analysis Batch: 43621

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 273.8 mg/Kg 110 90 - 110

Lab Sample ID: 890-3766-A-4-F MS Client Sample ID: Matrix Spike

**Matrix: Solid Prep Type: Soluble** Analysis Batch: 43621

Sample Sample MS MS Spike %Rec

Result Qualifier Added Result Qualifier Analyte Unit %Rec Limits Chloride 95.6 253 391.8 F1 90 - 110 mg/Kg

Lab Sample ID: 890-3766-A-4-H MSD Client Sample ID: Matrix Spike Duplicate **Prep Type: Soluble** 

**Matrix: Solid** Analysis Batch: 43621

253

95.6 F1

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit

Lab Sample ID: MB 880-43412/1-A Client Sample ID: Method Blank

392.8 F1

mg/Kg

118

90 - 110

Matrix: Solid **Prep Type: Soluble** 

**Analysis Batch: 43622** мв мв

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride <5.00 5.00 mg/Kg 01/12/23 20:00

Lab Sample ID: LCS 880-43412/2-A Client Sample ID: Lab Control Sample

**Matrix: Solid Prep Type: Soluble** 

LCS LCS %Rec Spike

Added Result Qualifier Limits Analyte Unit %Rec Chloride 250 269.5 mg/Kg 108 90 - 110

Lab Sample ID: LCSD 880-43412/3-A Client Sample ID: Lab Control Sample Dup

**Matrix: Solid Prep Type: Soluble Analysis Batch: 43622** 

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Chloride 250 271.4 mg/Kg 109 90 - 110 20

**Eurofins Carlsbad** 

**Analysis Batch: 43622** 

Chloride

Client Sample ID: S-1 (3-3.5)

Client Sample ID: S-1 (3-3.5)

**Prep Type: Soluble** 

**Prep Type: Soluble** 

# **QC Sample Results**

Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-3763-4 MS

**Matrix: Solid** 

Analysis Batch: 43622

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits Analyte Unit %Rec Chloride 4940 1240 6303 mg/Kg 110 90 - 110

Lab Sample ID: 890-3763-4 MSD

**Matrix: Solid** 

Analysis Batch: 43622

-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	4940		1240	6228		mg/Kg		104	90 - 110	1	20

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# **QC Association Summary**

Client: NT Global

Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1 SDG: Lea County NM

### **GC VOA**

Prep Batch: 43171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-43171/5-A	Method Blank	Total/NA	Solid	5035	

### Prep Batch: 43280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
890-3763-1	S-1 (0-1)	Total/NA	Solid	5035	
890-3763-2	S-1 (1-1.5)	Total/NA	Solid	5035	
890-3763-3	S-1 (2-2.5)	Total/NA	Solid	5035	
890-3763-4	S-1 (3-3.5)	Total/NA	Solid	5035	
890-3763-5	S-1 (4-4.5)	Total/NA	Solid	5035	
890-3763-6	S-2 (0-1)	Total/NA	Solid	5035	
890-3763-7	S-2 (1-1.5)	Total/NA	Solid	5035	
890-3763-8	S-2 (2-2.5)	Total/NA	Solid	5035	
890-3763-9	S-2 (3-3.5)	Total/NA	Solid	5035	
890-3763-10	S-2 (4-4.5)	Total/NA	Solid	5035	
890-3763-11	S-3 (0-1)	Total/NA	Solid	5035	
890-3763-12	S-3 (1-1.5)	Total/NA	Solid	5035	
890-3763-13	S-3 (2-2.5)	Total/NA	Solid	5035	
890-3763-14	S-3 (3-3.5)	Total/NA	Solid	5035	
890-3763-15	S-3 (4-4.5)	Total/NA	Solid	5035	
890-3763-16	H-1	Total/NA	Solid	5035	
890-3763-17	H-2	Total/NA	Solid	5035	
890-3763-18	H-3	Total/NA	Solid	5035	
890-3763-19	H-4	Total/NA	Solid	5035	
890-3763-20	H-5	Total/NA	Solid	5035	
MB 880-43280/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43280/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43280/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3763-2 MS	S-1 (1-1.5)	Total/NA	Solid	5035	
890-3763-2 MSD	S-1 (1-1.5)	Total/NA	Solid	5035	

### Analysis Batch: 43326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-1	S-1 (0-1)	Total/NA	Solid	8021B	43280
890-3763-2	S-1 (1-1.5)	Total/NA	Solid	8021B	43280
890-3763-3	S-1 (2-2.5)	Total/NA	Solid	8021B	43280
890-3763-4	S-1 (3-3.5)	Total/NA	Solid	8021B	43280
890-3763-5	S-1 (4-4.5)	Total/NA	Solid	8021B	43280
890-3763-6	S-2 (0-1)	Total/NA	Solid	8021B	43280
890-3763-7	S-2 (1-1.5)	Total/NA	Solid	8021B	43280
890-3763-8	S-2 (2-2.5)	Total/NA	Solid	8021B	43280
890-3763-9	S-2 (3-3.5)	Total/NA	Solid	8021B	43280
890-3763-10	S-2 (4-4.5)	Total/NA	Solid	8021B	43280
890-3763-11	S-3 (0-1)	Total/NA	Solid	8021B	43280
890-3763-12	S-3 (1-1.5)	Total/NA	Solid	8021B	43280
890-3763-13	S-3 (2-2.5)	Total/NA	Solid	8021B	43280
890-3763-14	S-3 (3-3.5)	Total/NA	Solid	8021B	43280
890-3763-15	S-3 (4-4.5)	Total/NA	Solid	8021B	43280
890-3763-16	H-1	Total/NA	Solid	8021B	43280
890-3763-17	H-2	Total/NA	Solid	8021B	43280
890-3763-18	H-3	Total/NA	Solid	8021B	43280
890-3763-19	H-4	Total/NA	Solid	8021B	43280

# **QC Association Summary**

Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

## **GC VOA (Continued)**

### **Analysis Batch: 43326 (Continued)**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-20	H-5	Total/NA	Solid	8021B	43280
MB 880-43171/5-A	Method Blank	Total/NA	Solid	8021B	43171
MB 880-43280/5-A	Method Blank	Total/NA	Solid	8021B	43280
LCS 880-43280/1-A	Lab Control Sample	Total/NA	Solid	8021B	43280
LCSD 880-43280/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43280
890-3763-2 MS	S-1 (1-1.5)	Total/NA	Solid	8021B	43280
890-3763-2 MSD	S-1 (1-1.5)	Total/NA	Solid	8021B	43280

### Analysis Batch: 43532

890-3763-1         \$-1 (0-1)         Total/NA         Solid         Total BTEX           890-3763-2         \$-1 (1-1.5)         Total/NA         Solid         Total BTEX           890-3763-3         \$-1 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-4         \$-1 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-5         \$-1 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-6         \$-2 (0-1)         Total/NA         Solid         Total BTEX           890-3763-7         \$-2 (1-1.5)         Total/NA         Solid         Total BTEX           890-3763-8         \$-2 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-9         \$-2 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-10         \$-2 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-11         \$-3 (0-1)         Total/NA         Solid         Total BTEX           890-3763-12         \$-3 (1-1.5)         Total/NA         Solid         Total BTEX           890-3763-13         \$-3 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-14         \$-3 (3-	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-3         S-1 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-4         S-1 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-5         S-1 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-6         S-2 (0-1)         Total/NA         Solid         Total BTEX           890-3763-7         S-2 (1-1.5)         Total/NA         Solid         Total BTEX           890-3763-9         S-2 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-9         S-2 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-10         S-2 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-11         S-3 (0-1)         Total/NA         Solid         Total BTEX           890-3763-12         S-3 (1-1.5)         Total/NA         Solid         Total BTEX           890-3763-13         S-3 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-14         S-3 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-15         S-3 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-16         H-1	890-3763-1	S-1 (0-1)	Total/NA	Solid	Total BTEX	
890-3763-4         S-1 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-5         S-1 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-6         S-2 (0-1)         Total/NA         Solid         Total BTEX           890-3763-7         S-2 (1-1.5)         Total/NA         Solid         Total BTEX           890-3763-8         S-2 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-9         S-2 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-10         S-2 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-11         S-3 (0-1)         Total/NA         Solid         Total BTEX           890-3763-12         S-3 (1-1.5)         Total/NA         Solid         Total BTEX           890-3763-13         S-3 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-14         S-3 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-15         S-3 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-16         H-1         Total/NA         Solid         Total BTEX           890-3763-17         H-2	890-3763-2	S-1 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3763-5         S-1 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-6         S-2 (0-1)         Total/NA         Solid         Total BTEX           890-3763-7         S-2 (1-1.5)         Total/NA         Solid         Total BTEX           890-3763-8         S-2 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-9         S-2 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-10         S-2 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-11         S-3 (0-1)         Total/NA         Solid         Total BTEX           890-3763-12         S-3 (1-1.5)         Total/NA         Solid         Total BTEX           890-3763-13         S-3 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-14         S-3 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-15         S-3 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-16         H-1         Total/NA         Solid         Total BTEX           890-3763-17         H-2         Total/NA         Solid         Total BTEX           890-3763-19         H-4	890-3763-3	S-1 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3763-6         S-2 (0-1)         Total/NA         Solid         Total BTEX           890-3763-7         S-2 (1-1.5)         Total/NA         Solid         Total BTEX           890-3763-8         S-2 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-9         S-2 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-10         S-2 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-11         S-3 (0-1)         Total/NA         Solid         Total BTEX           890-3763-12         S-3 (1-1.5)         Total/NA         Solid         Total BTEX           890-3763-13         S-3 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-14         S-3 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-15         S-3 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-16         H-1         Total/NA         Solid         Total BTEX           890-3763-17         H-2         Total/NA         Solid         Total BTEX           890-3763-19         H-4         Total/NA         Solid         Total BTEX           890-3763-20         H-5         Tot	890-3763-4	S-1 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3763-7         S-2 (1-1.5)         Total/NA         Solid         Total BTEX           890-3763-8         S-2 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-9         S-2 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-10         S-2 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-11         S-3 (0-1)         Total/NA         Solid         Total BTEX           890-3763-12         S-3 (1-1.5)         Total/NA         Solid         Total BTEX           890-3763-13         S-3 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-14         S-3 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-15         S-3 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-16         H-1         Total/NA         Solid         Total BTEX           890-3763-17         H-2         Total/NA         Solid         Total BTEX           890-3763-19         H-4         Total/NA         Solid         Total BTEX           890-3763-20         H-5         Total/NA         Solid         Total BTEX           890-3763-21         H-6         Total/NA	890-3763-5	S-1 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3763-8         S-2 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-9         S-2 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-10         S-2 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-11         S-3 (0-1)         Total/NA         Solid         Total BTEX           890-3763-12         S-3 (1-1.5)         Total/NA         Solid         Total BTEX           890-3763-13         S-3 (2-2.5)         Total/NA         Solid         Total BTEX           890-3763-14         S-3 (3-3.5)         Total/NA         Solid         Total BTEX           890-3763-15         S-3 (4-4.5)         Total/NA         Solid         Total BTEX           890-3763-16         H-1         Total/NA         Solid         Total BTEX           890-3763-17         H-2         Total/NA         Solid         Total BTEX           890-3763-18         H-3         Total/NA         Solid         Total BTEX           890-3763-20         H-5         Total/NA         Solid         Total BTEX           890-3763-21         H-6         Total/NA         Solid         Total BTEX           890-3763-22         H-7         Total/NA	890-3763-6	S-2 (0-1)	Total/NA	Solid	Total BTEX	
890-3763-9       \$-2 (3-3.5)       Total/NA       Solid       Total BTEX         890-3763-10       \$-2 (4-4.5)       Total/NA       Solid       Total BTEX         890-3763-11       \$-3 (0-1)       Total/NA       Solid       Total BTEX         890-3763-12       \$-3 (1-1.5)       Total/NA       Solid       Total BTEX         890-3763-13       \$-3 (2-2.5)       Total/NA       Solid       Total BTEX         890-3763-14       \$-3 (3-3.5)       Total/NA       Solid       Total BTEX         890-3763-15       \$-3 (4-4.5)       Total/NA       Solid       Total BTEX         890-3763-16       H-1       Total/NA       Solid       Total BTEX         890-3763-17       H-2       Total/NA       Solid       Total BTEX         890-3763-18       H-3       Total/NA       Solid       Total BTEX         890-3763-19       H-4       Total/NA       Solid       Total BTEX         890-3763-20       H-5       Total/NA       Solid       Total BTEX         890-3763-21       H-6       Total/NA       Solid       Total BTEX         890-3763-22       H-7       Total/NA       Solid       Total BTEX	890-3763-7	S-2 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3763-10       S-2 (4-4.5)       Total/NA       Solid       Total BTEX         890-3763-11       S-3 (0-1)       Total/NA       Solid       Total BTEX         890-3763-12       S-3 (1-1.5)       Total/NA       Solid       Total BTEX         890-3763-13       S-3 (2-2.5)       Total/NA       Solid       Total BTEX         890-3763-14       S-3 (3-3.5)       Total/NA       Solid       Total BTEX         890-3763-15       S-3 (4-4.5)       Total/NA       Solid       Total BTEX         890-3763-16       H-1       Total/NA       Solid       Total BTEX         890-3763-17       H-2       Total/NA       Solid       Total BTEX         890-3763-18       H-3       Total/NA       Solid       Total BTEX         890-3763-20       H-5       Total/NA       Solid       Total BTEX         890-3763-21       H-6       Total/NA       Solid       Total BTEX         890-3763-22       H-7       Total/NA       Solid       Total BTEX	890-3763-8	S-2 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3763-11       S-3 (0-1)       Total/NA       Solid       Total BTEX         890-3763-12       S-3 (1-1.5)       Total/NA       Solid       Total BTEX         890-3763-13       S-3 (2-2.5)       Total/NA       Solid       Total BTEX         890-3763-14       S-3 (3-3.5)       Total/NA       Solid       Total BTEX         890-3763-15       S-3 (4-4.5)       Total/NA       Solid       Total BTEX         890-3763-16       H-1       Total/NA       Solid       Total BTEX         890-3763-17       H-2       Total/NA       Solid       Total BTEX         890-3763-18       H-3       Total/NA       Solid       Total BTEX         890-3763-20       H-4       Total/NA       Solid       Total BTEX         890-3763-21       H-6       Total/NA       Solid       Total BTEX         890-3763-22       H-7       Total/NA       Solid       Total BTEX	890-3763-9	S-2 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3763-12       S-3 (1-1.5)       Total/NA       Solid       Total BTEX         890-3763-13       S-3 (2-2.5)       Total/NA       Solid       Total BTEX         890-3763-14       S-3 (3-3.5)       Total/NA       Solid       Total BTEX         890-3763-15       S-3 (4-4.5)       Total/NA       Solid       Total BTEX         890-3763-16       H-1       Total/NA       Solid       Total BTEX         890-3763-17       H-2       Total/NA       Solid       Total BTEX         890-3763-18       H-3       Total/NA       Solid       Total BTEX         890-3763-19       H-4       Total/NA       Solid       Total BTEX         890-3763-20       H-5       Total/NA       Solid       Total BTEX         890-3763-21       H-6       Total/NA       Solid       Total BTEX         890-3763-22       H-7       Total/NA       Solid       Total BTEX	890-3763-10	S-2 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3763-13       S-3 (2-2.5)       Total/NA       Solid       Total BTEX         890-3763-14       S-3 (3-3.5)       Total/NA       Solid       Total BTEX         890-3763-15       S-3 (4-4.5)       Total/NA       Solid       Total BTEX         890-3763-16       H-1       Total/NA       Solid       Total BTEX         890-3763-17       H-2       Total/NA       Solid       Total BTEX         890-3763-18       H-3       Total/NA       Solid       Total BTEX         890-3763-19       H-4       Total/NA       Solid       Total BTEX         890-3763-20       H-5       Total/NA       Solid       Total BTEX         890-3763-21       H-6       Total/NA       Solid       Total BTEX         890-3763-22       H-7       Total/NA       Solid       Total BTEX	890-3763-11	S-3 (0-1)	Total/NA	Solid	Total BTEX	
890-3763-14       S-3 (3-3.5)       Total/NA       Solid       Total BTEX         890-3763-15       S-3 (4-4.5)       Total/NA       Solid       Total BTEX         890-3763-16       H-1       Total/NA       Solid       Total BTEX         890-3763-17       H-2       Total/NA       Solid       Total BTEX         890-3763-18       H-3       Total/NA       Solid       Total BTEX         890-3763-19       H-4       Total/NA       Solid       Total BTEX         890-3763-20       H-5       Total/NA       Solid       Total BTEX         890-3763-21       H-6       Total/NA       Solid       Total BTEX         890-3763-22       H-7       Total/NA       Solid       Total BTEX	890-3763-12	S-3 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3763-15       S-3 (4-4.5)       Total/NA       Solid       Total BTEX         890-3763-16       H-1       Total/NA       Solid       Total BTEX         890-3763-17       H-2       Total/NA       Solid       Total BTEX         890-3763-18       H-3       Total/NA       Solid       Total BTEX         890-3763-19       H-4       Total/NA       Solid       Total BTEX         890-3763-20       H-5       Total/NA       Solid       Total BTEX         890-3763-21       H-6       Total/NA       Solid       Total BTEX         890-3763-22       H-7       Total/NA       Solid       Total BTEX	890-3763-13	S-3 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3763-16       H-1       Total/NA       Solid       Total BTEX         890-3763-17       H-2       Total/NA       Solid       Total BTEX         890-3763-18       H-3       Total/NA       Solid       Total BTEX         890-3763-19       H-4       Total/NA       Solid       Total BTEX         890-3763-20       H-5       Total/NA       Solid       Total BTEX         890-3763-21       H-6       Total/NA       Solid       Total BTEX         890-3763-22       H-7       Total/NA       Solid       Total BTEX	890-3763-14	S-3 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3763-17       H-2       Total/NA       Solid       Total BTEX         890-3763-18       H-3       Total/NA       Solid       Total BTEX         890-3763-19       H-4       Total/NA       Solid       Total BTEX         890-3763-20       H-5       Total/NA       Solid       Total BTEX         890-3763-21       H-6       Total/NA       Solid       Total BTEX         890-3763-22       H-7       Total/NA       Solid       Total BTEX	890-3763-15	S-3 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3763-18         H-3         Total/NA         Solid         Total BTEX           890-3763-19         H-4         Total/NA         Solid         Total BTEX           890-3763-20         H-5         Total/NA         Solid         Total BTEX           890-3763-21         H-6         Total/NA         Solid         Total BTEX           890-3763-22         H-7         Total/NA         Solid         Total BTEX	890-3763-16	H-1	Total/NA	Solid	Total BTEX	
890-3763-19         H-4         Total/NA         Solid         Total BTEX           890-3763-20         H-5         Total/NA         Solid         Total BTEX           890-3763-21         H-6         Total/NA         Solid         Total BTEX           890-3763-22         H-7         Total/NA         Solid         Total BTEX	890-3763-17	H-2	Total/NA	Solid	Total BTEX	
890-3763-20         H-5         Total/NA         Solid         Total BTEX           890-3763-21         H-6         Total/NA         Solid         Total BTEX           890-3763-22         H-7         Total/NA         Solid         Total BTEX	890-3763-18	H-3	Total/NA	Solid	Total BTEX	
890-3763-21         H-6         Total/NA         Solid         Total BTEX           890-3763-22         H-7         Total/NA         Solid         Total BTEX	890-3763-19	H-4	Total/NA	Solid	Total BTEX	
890-3763-22 H-7 Total/NA Solid Total BTEX	890-3763-20	H-5	Total/NA	Solid	Total BTEX	
	890-3763-21	H-6	Total/NA	Solid	Total BTEX	
890-3763-23 H-8 Total/NA Solid Total BTEX	890-3763-22	H-7	Total/NA	Solid	Total BTEX	
	890-3763-23	H-8	Total/NA	Solid	Total BTEX	

### Prep Batch: 43707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-21	H-6	Total/NA	Solid	5035	
890-3763-22	H-7	Total/NA	Solid	5035	
890-3763-23	H-8	Total/NA	Solid	5035	
MB 880-43707/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43707/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43707/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-23426-A-20-H MS	Matrix Spike	Total/NA	Solid	5035	
880-23426-A-20-I MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

### Analysis Batch: 43709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-21	H-6	Total/NA	Solid	8021B	43707
890-3763-22	H-7	Total/NA	Solid	8021B	43707
890-3763-23	H-8	Total/NA	Solid	8021B	43707
MB 880-43707/5-A	Method Blank	Total/NA	Solid	8021B	43707

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## **QC Association Summary**

Client: NT Global

Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

## **GC VOA (Continued)**

### **Analysis Batch: 43709 (Continued)**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-43707/1-A	Lab Control Sample	Total/NA	Solid	8021B	43707
LCSD 880-43707/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43707
880-23426-A-20-H MS	Matrix Spike	Total/NA	Solid	8021B	43707
880-23426-A-20-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	43707

### **GC Semi VOA**

#### Prep Batch: 43383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-21	H-6	Total/NA	Solid	8015NM Prep	
890-3763-22	H-7	Total/NA	Solid	8015NM Prep	
890-3763-23	H-8	Total/NA	Solid	8015NM Prep	
MB 880-43383/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43383/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43383/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3763-21 MS	H-6	Total/NA	Solid	8015NM Prep	
890-3763-21 MSD	H-6	Total/NA	Solid	8015NM Prep	

### Prep Batch: 43418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-1	S-1 (0-1)	Total/NA	Solid	8015NM Prep	
890-3763-2	S-1 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3763-3	S-1 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3763-4	S-1 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3763-5	S-1 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3763-6	S-2 (0-1)	Total/NA	Solid	8015NM Prep	
890-3763-7	S-2 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3763-8	S-2 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3763-9	S-2 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3763-10	S-2 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3763-11	S-3 (0-1)	Total/NA	Solid	8015NM Prep	
890-3763-12	S-3 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3763-13	S-3 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3763-14	S-3 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3763-15	S-3 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3763-16	H-1	Total/NA	Solid	8015NM Prep	
890-3763-17	H-2	Total/NA	Solid	8015NM Prep	
890-3763-18	H-3	Total/NA	Solid	8015NM Prep	
890-3763-19	H-4	Total/NA	Solid	8015NM Prep	
890-3763-20	H-5	Total/NA	Solid	8015NM Prep	
MB 880-43418/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43418/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43418/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3763-1 MS	S-1 (0-1)	Total/NA	Solid	8015NM Prep	
890-3763-1 MSD	S-1 (0-1)	Total/NA	Solid	8015NM Prep	

#### Analysis Batch: 43449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-21	H-6	Total/NA	Solid	8015B NM	43383
890-3763-22	H-7	Total/NA	Solid	8015B NM	43383
890-3763-23	H-8	Total/NA	Solid	8015B NM	43383

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Client: NT Global Job ID: 890-3763-1
Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

## GC Semi VOA (Continued)

### **Analysis Batch: 43449 (Continued)**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-43383/1-A	Method Blank	Total/NA	Solid	8015B NM	43383
LCS 880-43383/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43383
LCSD 880-43383/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43383
890-3763-21 MS	H-6	Total/NA	Solid	8015B NM	43383
890-3763-21 MSD	H-6	Total/NA	Solid	8015B NM	43383

### Analysis Batch: 43458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-1	S-1 (0-1)	Total/NA	Solid	8015B NM	43418
890-3763-2	S-1 (1-1.5)	Total/NA	Solid	8015B NM	43418
890-3763-3	S-1 (2-2.5)	Total/NA	Solid	8015B NM	43418
890-3763-4	S-1 (3-3.5)	Total/NA	Solid	8015B NM	43418
890-3763-5	S-1 (4-4.5)	Total/NA	Solid	8015B NM	43418
890-3763-6	S-2 (0-1)	Total/NA	Solid	8015B NM	43418
890-3763-7	S-2 (1-1.5)	Total/NA	Solid	8015B NM	43418
890-3763-8	S-2 (2-2.5)	Total/NA	Solid	8015B NM	43418
890-3763-9	S-2 (3-3.5)	Total/NA	Solid	8015B NM	43418
890-3763-10	S-2 (4-4.5)	Total/NA	Solid	8015B NM	43418
890-3763-11	S-3 (0-1)	Total/NA	Solid	8015B NM	43418
890-3763-12	S-3 (1-1.5)	Total/NA	Solid	8015B NM	43418
890-3763-13	S-3 (2-2.5)	Total/NA	Solid	8015B NM	43418
890-3763-14	S-3 (3-3.5)	Total/NA	Solid	8015B NM	43418
890-3763-15	S-3 (4-4.5)	Total/NA	Solid	8015B NM	43418
890-3763-16	H-1	Total/NA	Solid	8015B NM	43418
890-3763-17	H-2	Total/NA	Solid	8015B NM	43418
890-3763-18	H-3	Total/NA	Solid	8015B NM	43418
890-3763-19	H-4	Total/NA	Solid	8015B NM	43418
890-3763-20	H-5	Total/NA	Solid	8015B NM	43418
MB 880-43418/1-A	Method Blank	Total/NA	Solid	8015B NM	43418
LCS 880-43418/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43418
LCSD 880-43418/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43418
890-3763-1 MS	S-1 (0-1)	Total/NA	Solid	8015B NM	43418
890-3763-1 MSD	S-1 (0-1)	Total/NA	Solid	8015B NM	43418

### Analysis Batch: 43492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
890-3763-1	S-1 (0-1)	Total/NA	Solid	8015 NM	
890-3763-2	S-1 (1-1.5)	Total/NA	Solid	8015 NM	
890-3763-3	S-1 (2-2.5)	Total/NA	Solid	8015 NM	
890-3763-4	S-1 (3-3.5)	Total/NA	Solid	8015 NM	
890-3763-5	S-1 (4-4.5)	Total/NA	Solid	8015 NM	
890-3763-6	S-2 (0-1)	Total/NA	Solid	8015 NM	
890-3763-7	S-2 (1-1.5)	Total/NA	Solid	8015 NM	
890-3763-8	S-2 (2-2.5)	Total/NA	Solid	8015 NM	
890-3763-9	S-2 (3-3.5)	Total/NA	Solid	8015 NM	
890-3763-10	S-2 (4-4.5)	Total/NA	Solid	8015 NM	
890-3763-11	S-3 (0-1)	Total/NA	Solid	8015 NM	
890-3763-12	S-3 (1-1.5)	Total/NA	Solid	8015 NM	
890-3763-13	S-3 (2-2.5)	Total/NA	Solid	8015 NM	
890-3763-14	S-3 (3-3.5)	Total/NA	Solid	8015 NM	
890-3763-15	S-3 (4-4.5)	Total/NA	Solid	8015 NM	

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## GC Semi VOA (Continued)

### **Analysis Batch: 43492 (Continued)**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-16	H-1	Total/NA	Solid	8015 NM	
890-3763-17	H-2	Total/NA	Solid	8015 NM	
890-3763-18	H-3	Total/NA	Solid	8015 NM	
890-3763-19	H-4	Total/NA	Solid	8015 NM	
890-3763-20	H-5	Total/NA	Solid	8015 NM	
890-3763-21	H-6	Total/NA	Solid	8015 NM	
890-3763-22	H-7	Total/NA	Solid	8015 NM	
890-3763-23	H-8	Total/NA	Solid	8015 NM	

### HPLC/IC

#### Leach Batch: 43363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-20	H-5	Soluble	Solid	DI Leach	
890-3763-21	H-6	Soluble	Solid	DI Leach	
890-3763-22	H-7	Soluble	Solid	DI Leach	
890-3763-23	H-8	Soluble	Solid	DI Leach	
MB 880-43363/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43363/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43363/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-23397-A-4-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-23397-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

### Leach Batch: 43411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-3763-10	S-2 (4-4.5)	Soluble	Solid	DI Leach	
890-3763-11	S-3 (0-1)	Soluble	Solid	DI Leach	
890-3763-12	S-3 (1-1.5)	Soluble	Solid	DI Leach	
890-3763-13	S-3 (2-2.5)	Soluble	Solid	DI Leach	
890-3763-14	S-3 (3-3.5)	Soluble	Solid	DI Leach	
890-3763-15	S-3 (4-4.5)	Soluble	Solid	DI Leach	
890-3763-16	H-1	Soluble	Solid	DI Leach	
890-3763-17	H-2	Soluble	Solid	DI Leach	
890-3763-18	H-3	Soluble	Solid	DI Leach	
890-3763-19	H-4	Soluble	Solid	DI Leach	
MB 880-43411/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43411/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43411/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3766-A-4-F MS	Matrix Spike	Soluble	Solid	DI Leach	
890-3766-A-4-H MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

#### Leach Batch: 43412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-1	S-1 (0-1)	Soluble	Solid	DI Leach	
890-3763-2	S-1 (1-1.5)	Soluble	Solid	DI Leach	
890-3763-3	S-1 (2-2.5)	Soluble	Solid	DI Leach	
890-3763-4	S-1 (3-3.5)	Soluble	Solid	DI Leach	
890-3763-5	S-1 (4-4.5)	Soluble	Solid	DI Leach	
890-3763-6	S-2 (0-1)	Soluble	Solid	DI Leach	
890-3763-7	S-2 (1-1.5)	Soluble	Solid	DI Leach	
890-3763-8	S-2 (2-2.5)	Soluble	Solid	DI Leach	

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Client: NT Global Job ID: 890-3763-1
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**HPLC/IC** (Continued)

### Leach Batch: 43412 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-9	S-2 (3-3.5)	Soluble	Solid	DI Leach	
MB 880-43412/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43412/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43412/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3763-4 MS	S-1 (3-3.5)	Soluble	Solid	DI Leach	
890-3763-4 MSD	S-1 (3-3.5)	Soluble	Solid	DI Leach	

### Analysis Batch: 43615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-20	H-5	Soluble	Solid	300.0	43363
890-3763-21	H-6	Soluble	Solid	300.0	43363
890-3763-22	H-7	Soluble	Solid	300.0	43363
890-3763-23	H-8	Soluble	Solid	300.0	43363
MB 880-43363/1-A	Method Blank	Soluble	Solid	300.0	43363
LCS 880-43363/2-A	Lab Control Sample	Soluble	Solid	300.0	43363
LCSD 880-43363/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43363
880-23397-A-4-B MS	Matrix Spike	Soluble	Solid	300.0	43363
880-23397-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	43363

## Analysis Batch: 43621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-10	S-2 (4-4.5)	Soluble	Solid	300.0	43411
890-3763-11	S-3 (0-1)	Soluble	Solid	300.0	43411
890-3763-12	S-3 (1-1.5)	Soluble	Solid	300.0	43411
890-3763-13	S-3 (2-2.5)	Soluble	Solid	300.0	43411
890-3763-14	S-3 (3-3.5)	Soluble	Solid	300.0	43411
890-3763-15	S-3 (4-4.5)	Soluble	Solid	300.0	43411
890-3763-16	H-1	Soluble	Solid	300.0	43411
890-3763-17	H-2	Soluble	Solid	300.0	43411
890-3763-18	H-3	Soluble	Solid	300.0	43411
890-3763-19	H-4	Soluble	Solid	300.0	43411
MB 880-43411/1-A	Method Blank	Soluble	Solid	300.0	43411
LCS 880-43411/2-A	Lab Control Sample	Soluble	Solid	300.0	43411
LCSD 880-43411/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43411
890-3766-A-4-F MS	Matrix Spike	Soluble	Solid	300.0	43411
890-3766-A-4-H MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	43411

### Analysis Batch: 43622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-1	S-1 (0-1)	Soluble	Solid	300.0	43412
890-3763-2	S-1 (1-1.5)	Soluble	Solid	300.0	43412
890-3763-3	S-1 (2-2.5)	Soluble	Solid	300.0	43412
890-3763-4	S-1 (3-3.5)	Soluble	Solid	300.0	43412
890-3763-5	S-1 (4-4.5)	Soluble	Solid	300.0	43412
890-3763-6	S-2 (0-1)	Soluble	Solid	300.0	43412
890-3763-7	S-2 (1-1.5)	Soluble	Solid	300.0	43412
890-3763-8	S-2 (2-2.5)	Soluble	Solid	300.0	43412
890-3763-9	S-2 (3-3.5)	Soluble	Solid	300.0	43412
MB 880-43412/1-A	Method Blank	Soluble	Solid	300.0	43412
LCS 880-43412/2-A	Lab Control Sample	Soluble	Solid	300.0	43412
LCSD 880-43412/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43412

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Client: NT Global Job ID: 890-3763-1
Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

**HPLC/IC** (Continued)

**Analysis Batch: 43622 (Continued)** 

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-4 MS	S-1 (3-3.5)	Soluble	Solid	300.0	43412
890-3763-4 MSD	S-1 (3-3.5)	Soluble	Solid	300.0	43412

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Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Client Sample ID: S-1 (0-1) Lab Sample ID: 890-3763-1

Matrix: Solid

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	43326	01/07/23 02:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 11:35	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		20			43622	01/12/23 21:26	CH	EET MID

Client Sample ID: S-1 (1-1.5) Lab Sample ID: 890-3763-2

Date Collected: 01/04/23 12:00 Matrix: Solid

Date Received: 01/05/23 08:54

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 00:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 12:40	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		10			43622	01/12/23 21:32	CH	EET MID

Client Sample ID: S-1 (2-2.5) Lab Sample ID: 890-3763-3

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 00:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 13:02	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		10			43622	01/12/23 21:38	CH	EET MID

Client Sample ID: S-1 (3-3.5) Lab Sample ID: 890-3763-4

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Released to Imaging: 5/8/2024 3:19:00 PM

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 00:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID

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**Matrix: Solid** 

Client: NT Global

Project/Site: Gaucho 30 CTB 1

Lab Sample ID: 890-3763-4

Client Sample ID: S-1 (3-3.5) Date Collected: 01/04/23 12:00

Date Received: 01/05/23 08:54

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 13:23	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		5			43622	01/12/23 21:44	CH	EET MID

Lab Sample ID: 890-3763-5

Date Collected: 01/04/23 12:00

Date Received: 01/05/23 08:54

**Client Sample ID: S-1 (4-4.5)** 

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 01:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 13:43	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		5			43622	01/12/23 22:03	CH	EET MID

Lab Sample ID: 890-3763-6

**Matrix: Solid** 

Client Sample ID: S-2 (0-1) Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	43326	01/07/23 03:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 14:04	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		20			43622	01/12/23 22:09	CH	EET MID

Client Sample ID: S-2 (1-1.5)

Lab Sample ID: 890-3763-7

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

**Matrix: Solid** 

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 01:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 14:26	SM	EET MID

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Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Client Sample ID: S-2 (1-1.5)

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		20			43622	01/12/23 22:27	CH	EET MID

Client Sample ID: S-2 (2-2.5) Lab Sample ID: 890-3763-8

Date Collected: 01/04/23 12:00 **Matrix: Solid** 

Date Received: 01/05/23 08:54

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 01:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 14:47	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		10			43622	01/12/23 22:33	CH	EET MID

Lab Sample ID: 890-3763-9 **Client Sample ID: S-2 (3-3.5)** 

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 02:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 15:08	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		10			43622	01/12/23 22:40	CH	EET MID

**Client Sample ID: S-2 (4-4.5)** Lab Sample ID: 890-3763-10

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 02:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 15:29	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		10			43621	01/12/23 11:49	CH	EET MID

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**Matrix: Solid** 

SDG: Lea County NM

Project/Site: Gaucho 30 CTB 1

Date Received: 01/05/23 08:54

Client: NT Global

Lab Sample ID: 890-3763-11

Matrix: Solid

Client Sample ID: S-3 (0-1) Date Collected: 01/04/23 12:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 05:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 16:12	SM	EET MID
Soluble	Leach	DI Leach			5 a	50 mL	43411	01/06/23 14:47	KS	EET MID

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Lab Sample ID: 890-3763-12

СН

43621

01/12/23 12:07

Matrix: Solid

EET MID

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Client Sample ID: S-3 (1-1.5)

Analysis

300.0

Soluble

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 05:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 16:33	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		10			43621	01/12/23 12:14	CH	EET MID

Client Sample ID: S-3 (2-2.5)

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

Lab	Sample	ID:	890-3763-13
			Matrice Calid

Lab Sample ID: 890-3763-14

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 05:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 16:54	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		5			43621	01/12/23 12:20	CH	EET MID

Client Sample ID: S-3 (3-3.5)

Date Collected: 01/04/23 12:00

Date Received	: 01/05/23 08:5	4								
	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 06:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID

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### Lab Chronicle

Client: NT Global Job ID: 890-3763-1 Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Client Sample ID: S-3 (3-3.5)

Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-14 Date Collected: 01/04/23 12:00

**Matrix: Solid** 

Prepared Batch Batch Dil Initial Final Batch Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 8015 NM 43492 Analysis 01/09/23 17:57 SM **EET MID** Total/NA Prep 8015NM Prep 10.03 g 10 mL 43418 01/06/23 15:06 DM **EET MID** Total/NA Analysis 8015B NM 1 uL 1 uL 43458 01/08/23 17:16 SM EET MID DI Leach Soluble 5.04 g 50 mL 43411 01/06/23 14:47 KS **EET MID** Leach 300.0 43621 01/12/23 10:35 Soluble Analysis 5 СН **EET MID** 

Client Sample ID: S-3 (4-4.5) Lab Sample ID: 890-3763-15

Date Collected: 01/04/23 12:00 **Matrix: Solid** 

Date Received: 01/05/23 08:54

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 06:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 17:37	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		5			43621	01/12/23 10:54	CH	EET MID

Client Sample ID: H-1 Lab Sample ID: 890-3763-16

Date Collected: 01/04/23 12:00 **Matrix: Solid** Date Received: 01/05/23 08:54

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 06:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 17:58	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1			43621	01/12/23 11:00	CH	EET MID

Client Sample ID: H-2 Lab Sample ID: 890-3763-17

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 07:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.03 g 1 uL	10 mL 1 uL	43418 43458	01/06/23 15:06 01/08/23 18:20	DM SM	EET MID EET MID

**Eurofins Carlsbad** 

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Client: NT Global Job ID: 890-3763-1
Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

Client Sample ID: H-2

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54 Lab Sample ID: 890-3763-17

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1			43621	01/12/23 11:06	CH	EET MID

Client Sample ID: H-3 Lab Sample ID: 890-3763-18

Date Collected: 01/04/23 12:00 Matrix: Solid

Date Received: 01/05/23 08:54

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 07:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 18:41	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1			43621	01/12/23 11:12	CH	EET MID

Client Sample ID: H-4 Lab Sample ID: 890-3763-19

Date Collected: 01/04/23 12:00 Matrix: Solid
Date Received: 01/05/23 08:54

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 07:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 19:02	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1			43621	01/12/23 11:18	CH	EET MID

Client Sample ID: H-5 Lab Sample ID: 890-3763-20

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 08:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 19:24	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43363	01/06/23 11:20	KS	EET MIC
Soluble	Analysis	300.0		1			43615	01/10/23 17:43	CH	EET MID

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Job ID: 890-3763-1

SDG: Lea County NM

**Client Sample ID: H-6** 

Project/Site: Gaucho 30 CTB 1

Client: NT Global

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54 Lab Sample ID: 890-3763-21

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	43707	01/11/23 09:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43709	01/11/23 14:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/11/23 17:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 09:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43383	01/06/23 13:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43449	01/07/23 21:32	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	43363	01/06/23 11:20	KS	EET MID
Soluble	Analysis	300.0		1			43615	01/10/23 17:48	CH	EET MID

Client Sample ID: H-7 Lab Sample ID: 890-3763-22

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43707	01/11/23 09:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43709	01/11/23 14:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/11/23 17:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 09:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43383	01/06/23 13:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43449	01/07/23 22:35	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43363	01/06/23 11:20	KS	EET MID
Soluble	Analysis	300.0		1			43615	01/10/23 17:53	CH	EET MID

**Client Sample ID: H-8** 

Date Collected: 01/04/23 12:00 Date Received: 01/05/23 08:54 Lab Sample ID: 890-3763-23

**Matrix: Solid** 

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43707	01/11/23 09:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43709	01/11/23 15:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/11/23 17:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 09:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43383	01/06/23 13:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43449	01/07/23 22:56	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43363	01/06/23 11:20	KS	EET MID
Soluble	Analysis	300.0		1			43615	01/10/23 17:58	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

**Eurofins Carlsbad** 

## **Accreditation/Certification Summary**

Client: NT Global Job ID: 890-3763-1
Project/Site: Gaucho 30 CTB 1 SDG: Lea County NM

### **Laboratory: Eurofins Midland**

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date
Texas	NE	ELAP	T104704400-22-25	06-30-23
The following analytes	are included in this report, but	it the laboratory is not certific	ed by the governing authority. This list ma	av include analytes fo
the agency does not of	• •	ic and laboratory to flot corum	bu by the governing authority. This list his	ay include analytes to
,	• •	Matrix	Analyte	ay molude analytes to
the agency does not of	fer certification.	,	, , ,	

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## **Method Summary**

Client: NT Global

Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1

SDG: Lea County NM

Method	Method Description	Protocol	Laboratory
3021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
3015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
3015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
3015NM Prep	Microextraction	SW846	EET MID
Ol Leach	Deionized Water Leaching Procedure	ASTM	EET MID

#### **Protocol References:**

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

#### Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

**Eurofins Carlsbad** 

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## **Sample Summary**

Client: NT Global

Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1

SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-3763-1	S-1 (0-1)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-2	S-1 (1-1.5)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-3	S-1 (2-2.5)	Solid	01/04/23 12:00	01/05/23 08:54
390-3763-4	S-1 (3-3.5)	Solid	01/04/23 12:00	01/05/23 08:54
90-3763-5	S-1 (4-4.5)	Solid	01/04/23 12:00	01/05/23 08:54
390-3763-6	S-2 (0-1)	Solid	01/04/23 12:00	01/05/23 08:54
390-3763-7	S-2 (1-1.5)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-8	S-2 (2-2.5)	Solid	01/04/23 12:00	01/05/23 08:54
390-3763-9	S-2 (3-3.5)	Solid	01/04/23 12:00	01/05/23 08:54
390-3763-10	S-2 (4-4.5)	Solid	01/04/23 12:00	01/05/23 08:54
390-3763-11	S-3 (0-1)	Solid	01/04/23 12:00	01/05/23 08:54
390-3763-12	S-3 (1-1.5)	Solid	01/04/23 12:00	01/05/23 08:54
90-3763-13	S-3 (2-2.5)	Solid	01/04/23 12:00	01/05/23 08:54
90-3763-14	S-3 (3-3.5)	Solid	01/04/23 12:00	01/05/23 08:54
90-3763-15	S-3 (4-4.5)	Solid	01/04/23 12:00	01/05/23 08:54
90-3763-16	H-1	Solid	01/04/23 12:00	01/05/23 08:54
390-3763-17	H-2	Solid	01/04/23 12:00	01/05/23 08:54
390-3763-18	H-3	Solid	01/04/23 12:00	01/05/23 08:54
390-3763-19	H-4	Solid	01/04/23 12:00	01/05/23 08:54
390-3763-20	H-5	Solid	01/04/23 12:00	01/05/23 08:54
390-3763-21	H-6	Solid	01/04/23 12:00	01/05/23 08:54
90-3763-22	H-7	Solid	01/04/23 12:00	01/05/23 08:54
90-3763-23	H-8	Solid	01/04/23 12:00	01/05/23 08:54

Chain of Custody

	Page 159
Project Manager	
Ethan Sessims	ENVIRONMENTAL

Company Name:

NTG Environmental

Bill to: (if different) Company Name:

Devon Energy Wesley Mathews

State of Project:

Program: UST/PST 

PRP Brownfields 

RRC 

Luperfund

**Work Order Comments** 

Address:	402 E Wood Ave		Address:		6488	Seven	Rivers	6488 Seven Rivers Highway	State of Project:	]	]	]
City, State ZIP:	Carlsbad, NM 88220		City, State ZIP:		Artes	Artesia, NM 88210	38210		Reporting:Level II LPST/UST	LPST	L RRP	Level IV
	254-266-5456	Email:	Email: Wesley.Mathews@dvn.com	vs@dvn.	.com				Deliverables: EDD	ADaPT L	ſ ☐ Other:	
Project Name:	Gaucho 30 CTB 1	Turr	Turn Around					ANALYSIS REQUEST	JEST		Preservative	ive Codes
Project Number:		✓ Routine	Rush	Pres.	_						None: NO	DI Water: H <sub>2</sub> O
Project Location	Lea Co, NM	Due Date:			_	)	_		_		Cool: Cool	MeOH: Me
Sampler's Name:	Kenny Han	TAT starts the	TAT starts the day received by the		_	IRO	_				HCL: HC	HNO <sub>3</sub> ; HN
PO#:	21105841	lab, if rece	lab, if received by 4:30pm	rs		) + N					H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT	Temp Blank: Yes	No Wet Ice:	Yes) No	nete	1B	DRO	500				H₃PO₄: HP	
Received Intact:		nometer	Tam-007	aran	802	.0+	de 4			OLD	NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes No / N/A	Correction Factor:	-0.2	Pa	TEX	( GR	lori	Chain of Custody	stody	н	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	S: Yes No N/A	Temperature Reading:	ア・ハ		В	5M	Cr	890-3763 6	-		Zn Acetate+NaOH: Zn	)H: Zn
Total Containers:	23	Corrected Temperature:	2.3			1 801	_	_			NaOH+Ascorbic Acid: SAPC	Acid: SAPC
Sample Identification	Date	Time Soil	Water Comp	# of		TPI					Sample C	Sample Comments
S-1 (0-1)	1/4/2023	×	Comp	1	×	×	×					
S-1 (1-1.5)	1.5) 1/4/2023	×	Comp	_	×	×	×					
S-1 (2-2.5)	2.5) 1/4/2023	×	Comp	1	×	×	×					
S-1 (3-3.5)	3.5) 1/4/2023	×	Comp	1	×	×	×					
S-1 (4-4.5)	1.5) 1/4/2023	×	Comp	1	×	×	×					
S-2 (0-1)	1) 1/4/2023	×	Comp	1	×	×	×					
S-2 (1-1.5)	1.5) 1/4/2023	×	Comp		×	×	×					
S-2 (2-2.5)	2.5) 1/4/2023	×	Comp	Ť	*	*	×					
S-2 (3-3.5)	3.5) 1/4/2023	×	Comp		×	×	×					
S-2 (4-4.5)	1.5) 1/4/2023	×	Comp		×	×	×					
Additio	Additional Comments:											
Notice: Signature of this of service. Xenco will be of Xenco. A minimum chi	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.	constitutes a valid purchall not assume any responders and a charge of \$5 for e	se order from client c sibility for any losses each sample submitte	ompany to or expense d to Xenco	Xenco, it es incurr b, but not	s affiliated by the analyze	es and su client if	bcontractors. It assigns standard to such losses are due to circumstance erms will be enforced unless previou	erms and conditions is beyond the control using negotiated.			
Relinquished by: (Signature)	(Signature)	Received by: (Signature)	ıre)		Date/Time	ime		Relinquished by: (Signature)	e) Received by: (Signature)	Signatu		Date/Time
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Work Order No:

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Chain of Custody

	1000	Manuella	Relinquished by: (Signature)	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its amiliates and supcontractors. It assigns stemated with the control 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.	Addition	H-5	H-4	Н-3	Н-2	H-1	S-3 (4-4.5)	S-3 (3-3.5)	S-3 (2-2.5)	S-3 (1-1.5)	S-3 (0-1)	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 2	City, State ZIP: C		_	Project Manager: E
			(Signature)	cument and relinquable only for the coage of \$85.00 will be	Additional Comments:						5)	5)	5)	5)	)	fication		Yes	Yes	Yes		2	Ke	Lea		Gauch	254-266-5456	Carlsbad, NM 88220	402 E Wood Ave	NTG Environmental	Ethan Sessums
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	-		Date/Time													Sample Comments	NaOn+Ascolute Acid. GAT C	Zn Acetate+NaOH: Zn	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	NaHSO <sub>4</sub> : NABIS	H H	: H <sub>2</sub> NaOH: Na				Preservative Codes	Omer	D KKT D Level v		RRC _uperfund	ents

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Chain of Custody

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	ms and conditions beyond the control	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 contro	affiliates and su by the client if	Xenco, its a	ompany to i	order from client collity for any losses	onstitutes a valid purchase not assume any responsi	nt of samples c	cument and relinquishmen	otice: Signature of this di service. Xenco will be il
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			×	×		Comp	×	1/4/2023	1/4	H-8
			+	×		Comp	×	1/4/2023	1/4	H-7
			+	1		0000	,	12023	1,1	
			×	×	_	Comp	×	1/4/2023	1/4	H-6
Sample Comments			TPI		# of Cont	Water Comp	Time Soil	Date T		Sample Identification
NaOH+Ascorbic Acid: SAPC			H 80				Corrected Temperature:	Cor	23	Total Containers:
Zn Acetate+NaOH: Zn			_	_			Temperature Reading:	N/A Ten	Yes No	Sample Custody Seals:
H Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			_		P		Correction Factor:	N/A Cor	0	Cooler Custody Seals:
NaHSO <sub>4</sub> : NABIS			to +	802	arar	/	Thermometer, ID:		Yes No	Received Intact:
			_	_	nete	Yes No	Yes No Wet Joe:		Temp Blank:	SAMPLE RECEIPT
H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na			0+1		ers	ad-by 4:30pm	lab, if receiv	41	21105841	PO #:
			MRC	_		TAT starts the day received by the	TAT starts the da	dan	Kenny Han	Sampler's Name:
<u>u</u>			))				Due Date:	M	Lea Co, NM	Project Location
None: NO DI Water: H <sub>2</sub> O					Code	Rush	✓ Routine			Project Number:
Preservative Codes	EST	ANALYSIS REQUEST				Turn Around	Turn /	CTB 1	Gaucho 30 CTB	Project Name:
ADaPT LJ Other:	Deliverables: EDD	[0		com	s@dvn.	Email: Wesley.Mathews@dvn.com	Email: V		254-266-5456	
JSI/USI DIRRE DI Levello D	Reporting:Level II Level III LPS1/US1	20	Artesia, NM 88210	Artesia,		City, State ZIP:	0		Carlsbad, NM 88220	City, State ZIP:
	State of Project:		6488 Seven Rivers Highway	6488 Se		Address:	P		402 E Wood Ave	Address:
rownfields RRC uperfund	Program: UST/PST PRP Brownfields RRC	9	nergy	Devon Energy		Company Name:	0		NTG Environmental	Company Name:
- 1			vvesiey Maniews	VVESICY		Bill to: (if different)			Ethan Sessums	Project Manager:

Work Order No:

## **Login Sample Receipt Checklist**

Client: NT Global Job Number: 890-3763-1

SDG Number: Lea County NM

List Source: Eurofins Carlsbad Login Number: 3763

List Number: 1 Creator: Stutzman, Amanda

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

## **Login Sample Receipt Checklist**

Client: NT Global Job Number: 890-3763-1 SDG Number: Lea County NM

List Source: Eurofins Midland

List Creation: 01/06/23 11:27 AM

Login Number: 3763 List Number: 2

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

Released to Imaging: 5/8/2024 3:19:00 PM

<6mm (1/4").



January 31, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 01/26/23 16:24.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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. Keene

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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 1 (1') (H230392-01)

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	01/28/2023	ND	1.88	93.9	2.00	2.57	
Toluene*	<0.050	0.050	01/28/2023	ND	2.10	105	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.08	104	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.47	108	6.00	2.67	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	129	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	234	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	53.7	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey & Keens



#### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 1 (2') (H230392-02)

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	01/28/2023	ND	1.88	93.9	2.00	2.57	
Toluene*	<0.050	0.050	01/28/2023	ND	2.10	105	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.08	104	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.47	108	6.00	2.67	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	95.2 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

#### Sample ID: TP - 1 (3') (H230392-03)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.88	93.9	2.00	2.57	
Toluene*	<0.050	0.050	01/28/2023	ND	2.10	105	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.08	104	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.47	108	6.00	2.67	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 1 (4') (H230392-04)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	27.9	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	99.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 1 (5') (H230392-05)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (1') (H230392-06)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/30/2023	ND	218	109	200	0.666	
DRO >C10-C28*	430	10.0	01/30/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	83.3	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	84.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 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: 01/26/2023

Reported: 01/31/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM

mg/kg

Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Shalyn Rodriguez

#### Sample ID: TP - 2 (2') (H230392-07)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Alldiyzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories \*=Accredited Analyte

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#### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (3') (H230392-08)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	153	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	33.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	18						

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#### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (4') (H230392-09)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

### Sample ID: TP - 2 (5') (H230392-10)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	332	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	97.8	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	18						

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#### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (6') (H230392-11)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (7') (H230392-12)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (8') (H230392-13)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/30/2023	ND	416	104	400	3.92	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (9') (H230392-14)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/30/2023	ND	416	104	400	3.92	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	48.9	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (10') (H230392-15)

BTEX 8021B

	9,	9	7	1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/30/2023	ND	416	104	400	3.92	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 3 (1') (H230392-16)

BTEX 8021B	mg/kg		Analyzed By: JH/					S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTEX	<0.300	0.300	01/28/2023	ND						
Surrogate: 4-Bromofluorobenzene (PID	138	% 71.5-13	4							
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	01/30/2023	ND	416	104	400	3.92		
TPH 8015M	mg/kg		Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669		
DRO >C10-C28*	4480	10.0	01/28/2023	ND	185	92.7	200	1.60	QM-07	
EXT DRO >C28-C36	1160	10.0	01/28/2023	ND						
Surrogate: 1-Chlorooctane	105	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	139	% 49.1-14	8							

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Celey D. Keine

C-04



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#### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 3 (2') (H230392-17)

RTFY 8021R

B1EX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: JH/					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	171	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	01/30/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	31.5	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	2010	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	428	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	163	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 3 (3') (H230392-18)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	133	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	999	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	232	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135	% 49.1-14	18						

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#### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 3 (4') (H230392-19)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	328	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	89.4	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 3 (5') (H230392-20)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	S-04
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	S-04
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	S-04
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	S-04
Total BTEX	<0.300	0.300	01/28/2023	ND					S-04
Surrogate: 4-Bromofluorobenzene (PID	156	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	01/30/2023	ND	416	104	400	3.92	
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*	40.6	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	2660	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	534	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 3 (6') (H230392-21)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	138 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	01/30/2023	ND	416	104	400	3.77	QM-07
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*	11.8	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	488	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	116	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 3 (7') (H230392-22)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	150	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	33.7	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 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: 01/26/2023

01/31/2023

GAUCHO UNIT 30 CTB 1

Project Number: 236730

Reported:

Project Name:

Project Location: DEVON - LEA CO., NM Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 (8') (H230392-23)

BTEX 8021B	mg/	kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 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: 01/26/2023

Reported: 01/31/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Shalyn Rodriguez

# Sample ID: TP - 3 (9') (H230392-24)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	49.9	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	97.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	18						

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#### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 3 (10') (H230392-25)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

### Sample ID: TP - 4 (1') (H230392-26)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	01/30/2023	ND	416	104	400	3.77	
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*	22.6	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	3530	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	691	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 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: 01/26/2023 Reported: 01/31/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

# Sample ID: TP - 4 (2') (H230392-27)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	938	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	218	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 4 (3') (H230392-28)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	655	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	155	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 4 (4') (H230392-29)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	< 0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	28.5	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	18						

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#### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 4 (5') (H230392-30)

BTEX 8021B	mg/	kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1790	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	1990	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	544	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 4 (6') (H230392-31)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	99.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 4 (7') (H230392-32)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	< 0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	114	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	28.9	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

### Sample ID: TP - 4 (8') (H230392-33)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	72.4	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	19.6	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	6 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 4 (9') (H230392-34)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	103 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 4 (10') (H230392-35)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 5 (1') (H230392-36)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 5 (2') (H230392-37)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 5 (3') (H230392-38)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	132	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	11.6	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 49.1-14	8						

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Celey D. Kreine



#### Analytical Results For:

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

Received: 01/26/2023 Reported: 01/31/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

# Sample ID: TP - 5 (4') (H230392-39)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	< 0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	54.4	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

# Sample ID: TP - 5 (5') (H230392-40)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 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:

Received: 01/26/2023

Sampling Date:

01/26/2023

Reported: Project Name: 01/31/2023

Sampling Type:

Soil

Project Name:

BTEX 8021B

GAUCHO UNIT 30 CTB 1

mg/kg

Sampling Condition: Sample Received By: Cool & Intact Shalyn Rodriguez

Project Number:

236730

Project Location: DEVON - LEA CO., NM

Sample ID: TP - 6 (1') (H230392-41)

		<u> </u>		<u> </u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/30/2023	ND	432	108	400	0.00	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

Analyzed By: JH/

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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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 6 (2') (H230392-42)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 6 (3') (H230392-43)

RTFY 8021R

B1EX 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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 6 (4') (H230392-44)

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	< 0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	ND	432	108	400	0.00	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 6 (5') (H230392-45)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

# Sample ID: TP - 7 (1') (H230392-46)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	ND	432	108	400	0.00	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	99.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 7 (2') (H230392-47)

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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01/26/2023

Soil

#### Analytical Results For:

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

Sampling Date:

Received: 01/26/2023

Reported: 01/31/2023 Sampling Type:

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 7 (3') (H230392-48)

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 7 (4') (H230392-49)

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	99.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

# Sample ID: TP - 7 (5') (H230392-50)

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 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:

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Received: 01/26/2023 Reported: 01/31/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023

Sampling Type: Soil

Sample Received By:

Sampling Condition: Cool & Intact

Shalyn Rodriguez

#### Sample ID: H - 1 (0-6") (H230392-51)

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	13.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

# Sample ID: H - 2 (0-6") (H230392-52)

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 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:

Applyzod By: 14

Received: 01/26/2023 Reported: 01/31/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: H - 3 (0-6") (H230392-53)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00	
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	01/28/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 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: 01/26/2023

Sampling Date:

01/26/2023

Reported: Project Name: 01/31/2023

Sampling Type:

Soil

GAUCHO UNIT 30 CTB 1

Sampling Condition: Sample Received By: Cool & Intact Shalyn Rodriguez

Project Number: Project Location: 236730

DEVON - LEA CO., NM

Sample ID: H - 4 (0-6") (H230392-54)

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	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	01/28/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Shalyn Rodriguez Project Number: 236730 Sample Received By:

Project Location: DEVON - LEA CO., NM

#### Sample ID: H - 5 (0-6") (H230392-55)

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	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	01/28/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: H - 6 (0-6") (H230392-56)

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	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	< 0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	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	01/27/2023	ND	190	95.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	185	92.7	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: H - 7 (0-6") (H230392-57)

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	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	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	01/27/2023	ND	190	95.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	185	92.7	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: H - 8 (0-6") (H230392-58)

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	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	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	01/27/2023	ND	190	95.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	185	92.7	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

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#### **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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

ecovery.

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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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

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

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

West Texas Midland/Odessa Area

Rayny Hagan

Envirotech Web Address: www.envirotech-inc.com

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## Sample Summary

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	Donoutode
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	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				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ana	alyst: 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	0.0450	0.0250	1	09/01/23	09/05/23	
p,m-Xylene	0.0675	0.0500	1	09/01/23	09/05/23	
Total Xylenes	0.113	0.0250	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		112 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		114 %	70-130	09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		112 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		114 %	70-130	09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2336035
Diesel Range Organics (C10-C28)	2460	50.0	2	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	1240	100	2	09/06/23	09/07/23	
Surrogate: n-Nonane		98.1 %	50-200	09/06/23	09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2336050
Chloride	8400	200	10	09/06/23	09/06/23	<del></del>



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	Dilı	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	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

## H-1 0-6" E308243-04

		E300243-04					
Anglista	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		95.2 %	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		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		95.2 %	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		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		1	09/06/23	09/07/23	
Surrogate: n-Nonane		99.3 %	50-200		09/06/23	09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2336050
Chloride	2980	40.0		2	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-2 0-6''

		E308243-05					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	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

		2002.000					
	D 1	Reporting			D 1		N
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	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		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		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		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:	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		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:	IY		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:	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		101 %	50-200		09/06/23	09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	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					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY	7		Batch: 2335105
Benzene	ND	0.0250	1	l	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	ļ	09/01/23	09/05/23	
Toluene	ND	0.0250	1	Į.	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	l	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	l	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	1	Analyst: IY	7		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	1	Analyst: K	M		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	Į.	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	1	Analyst: B	A		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 ND 97.5 48-130 Toluene 2.44 0.0250 2.50 2.56 0.0250 2.50 ND 102 43-135 o-Xylene 5.00 ND 102 43-135 p,m-Xylene 5.12 0.0500 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



0.500

111

70-130

0.553

Surrogate: Toluene-d8

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

Nonhalogenated Organics	s by EPA 8015D - GRO
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Anal	

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

•	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335105-BLK1)							Prepared: 09	9/01/23 Aı	nalyzed: 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: 0	9/01/23 Aı	nalyzed: 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-	07	Prepared: 0	9/01/23 Aı	nalyzed: 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			
Matrix Spike Dup (2335105-MSD2)				Source:	E308243-	07	Prepared: 0	9/01/23 Aı	nalyzed: 09/05/23
Gasoline Range Organics (C6-C10)	56.0	20.0	50.0	ND	112	70-130	2.35	20	
Surrogate: Bromofluorobenzene	0.603		0.500		121	70-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.603 0.475		0.500 0.500		121 94.9	70-130 70-130			



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			
urrogate: n-Nonane	51.0		50.0		102	50-200			
Matrix Spike (2336035-MS1)				Source:	E309029-2	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:	E309029-2	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		Reported:		
911 Regional Park Dr.		Project Number:		1106-0001					0/5/2022 1.56 40704
Houston TX, 77060		Project Manager:	E	than Sessums					9/7/2023 1:56:49PM
		Anions	by EPA	300.0/9056 <i>A</i>	<b>\</b>				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336050-BLK1)							Prepared: 0	9/06/23 A	nalyzed: 09/06/23
Chloride	ND	20.0							
LCS (2336050-BS1)							Prepared: 0	9/06/23 A	nalyzed: 09/06/23
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2336050-MS1)				Source:	E308243-0	)1	Prepared: 0	9/06/23 A	nalyzed: 09/06/23
Chloride	7460	200	250	9090	NR	80-120			M4
Matrix Spike Dup (2336050-MSD1)				Source:	E308243-0	)1	Prepared: 0	9/06/23 A	nalyzed: 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.

ND Analyte NOT DETECTED at or above the reporting limit

The RPD exceeded the acceptance limit.

NR Not Reported

R2

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

E	NVIRONMENT	AL															JUL	) ++	. 2	1100-0	
Project Manager:	Ethan Sessun	ns			Bill to: (if	different)		Etha	n Ses	sums				7			Wor	rk Orde	er Co	page1_ mments	of1
Company Name:	NTG Environn				Compan			NTG Environmental					P						uperfund [		
Address:	209 W McKay				Address			209 W McKay St					_	tate of F		о, <sub>П</sub>	р.,	•	icido [] tito	_препини _	
City, State ZIP:	Carlsbad, NM				City, Sta			1	2.17	NM 88				Reporting:Level II Level III ST/UST RRP Level IV							
Phone:	(432) 701-215			Email:	Esessu		lobal.co	-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						eliverab				аРТ [		74010
Project Name:	Gaud	cho Unit #017h	1	Tur	n Around							ANA	LYSIS F	REQUE	ST					Preservati	ve Codes
Project Number:	237	7780		✓ Routine	Rusi		Pres. Code									T			N		DI Water: H <sub>2</sub> O
Project Location	L	ea Co, NM		Due Date:															C	Sool Cool	MeOH: Me
Sampler's Name:	J	oey Pinson				day received by the			+ MRO)										Н	ICL HC	HNO <sub>3</sub> : HN
PO #:				lab, if rece	eived by 4:3	10pm	2		+										H;	I <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECE	IPT Te	mp Blank:	Yes No	Wet Ice:	Yes	) No	Parameters	BTEX 8021B TPH 8015M ( GRO + DRO		200									H	1 <sub>3</sub> PO <sub>4</sub> HP	
Received Intact:	oler Custody Seals: Yes No N/A Correction mple Custody Seals: Yes No N/A Temperat		Thermon	eter ID:			arar	8021B	0	Chloride 4500								3	N S	IaHSO <sub>4</sub> NABIS	
Cooler Custody Sea			Correctio	n Factor:			<u>a</u>	ВТЕХ	(GR	lori				1			1 4	3	¥ N	$la_2S_2O_3$ , $NaSO_3$	
			ture Reading:	4			m	15M	5			1				1 1		Zr	n Acetate+NaOl	H: Zn	
Total Containers:		8	Corrected	d Temperature:	re:				1 80										N	IaOH+Ascorbic A	Acid: SAPC
Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP											Sample Co	omments
V-1	0-6"	8/30/2023	11:00	Х		Grab	1	X	X	Х									1		
V-2	0-6"	8/30/2023	11:05	Х		Grab	1	Х	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								L	1		
H-2	0-6"	8/30/2023	11:20	Х		Grab	1	X	X	Х								=	3		
H-3	0-6"	8/30/2023	11:25	Х		Grab	1	X	Х	Х								U	Q		
H-4	0-6"	8/30/2023	11:30	X		Grab	1	Х	X	Х								-			
H-5	0-6"	8/30/2023	11:35	Х		Grab	1	Х	Х	Х								8	3		
Addit	ional Commen	ts:		<u> </u>												1					
Notice: Signature of thi of service. Xenco will I of Xenco. A minimum	be liable only for the	cost of samples an	nd shall not a	ssume any respor	sibility for a	any losses	or expense	s incurr	ed by th	ne client	if such los	ses are du	e to circun	nstances	beyond t	he contro					
Relinguished b	oy: (Signature)		Receive	ed by: (Signat	ure)			Date/	Time		Relin	quished	by (Sic	anature	(e)	Rec	eived by	: (Sign	ature	e) D	ate/Time

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			

envirotech Inc.

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.

Client:	NTG-New Tech Global Environmental	Date Received:	09/01/23 (	05:45		Work Order ID:	E308243
Phone:	(281) 872-9300	Date Logged In:	08/31/23	14:55		Logged In By:	Caitlin Mars
Email:	esessums@ntglobal.com	Due Date:		17:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location man	ch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time?  Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	ts/Resolution
Sample T	urn Around Time (TAT)			[			
	COC indicate standard TAT, or Expedited TAT?		Yes		SRC Email	not 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				
	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 ar 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>						
	— field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes				
	ollectors name?		No				
_	reservation	10					
	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?	. 1.0	NA				
	filteration required and/or requested for dissolved n	ietais?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
28. Are sa	imples required to get sent to a subcontract laborato	ry?	No				
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab	o: na		
Client In	<u>istruction</u>						

Date

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 30 CTB 1

Work Order: E310105

Job Number: 01058-0007

Received: 10/17/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/18/23

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: 10/18/23

Ethan Sessums 911 Regional Park Dr. Houston, TX 77060

Project Name: Gaucho 30 CTB 1

Workorder: E310105

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 30 CTB 1.

The analytical test results summarized in this report with the Project Name: Gaucho 30 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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**Alexa Michaels** 

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	Donoutoda
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/23 15:03

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SW-52A 0-5'	E310105-01A Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-53A 0-5'	E310105-02A Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-55A 0-5'	E310105-03A Soil	10/13/23	10/17/23	Glass Jar, 4 oz.



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:03:47PM

#### SW-52A 0-5' E310105-01

		E310105-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2342021
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2342021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2342025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
Surrogate: n-Nonane		75.5 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2342027
Chloride	ND	20.0	1	10/17/23	10/17/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:03:47PM

#### SW-53A 0-5' E310105-02

Result	Reporting Limit				
	Liiiit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2342021
ND	0.0250	1	10/17/23	10/17/23	
ND	0.0250	1	10/17/23	10/17/23	
ND	0.0250	1	10/17/23	10/17/23	
ND	0.0250	1	10/17/23	10/17/23	
ND	0.0500	1	10/17/23	10/17/23	
ND	0.0250	1	10/17/23	10/17/23	
	94.3 %	70-130	10/17/23	10/17/23	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2342021
ND	20.0	1	10/17/23	10/17/23	
	95.9 %	70-130	10/17/23	10/17/23	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2342025
ND	25.0	1	10/17/23	10/17/23	
ND	50.0	1	10/17/23	10/17/23	
	66.6 %	50-200	10/17/23	10/17/23	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2342027
323	20.0	1	10/17/23	10/17/23	
	ND ND ND ND ND ND ND ND ND Mg/kg ND  mg/kg	ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           mg/kg         mg/kg           ND         20.0           95.9 %         mg/kg           ND         25.0           ND         50.0           66.6 %         mg/kg           mg/kg         mg/kg	ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         0.0250         1           MD         20.0         1           MD         20.0         1           Mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           66.6 %         50-200           mg/kg         mg/kg         Anal	ND         0.0250         1         10/17/23           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           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/17/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/17/23           ND         50.0         1         10/17/23           ND         50.0         1         10/17/23           Mg/kg         mg/kg         Analyst: JL	ND 0.0250 1 10/17/23 10/17/23 ND 0.0500 1 10/17/23 10/17/23 ND 0.0250 1 10/17/23 10/17/23 ND 0.0250 1 10/17/23 10/17/23  MD 0.0250 1 10/17/23 10/17/23  MD 0.0250 1 10/17/23 10/17/23  MB/kg mg/kg Analyst: RKS  ND 20.0 1 10/17/23 10/17/23  MB/kg mg/kg Analyst: JL  ND 25.0 1 10/17/23 10/17/23  ND 25.0 1 10/17/23 10/17/23  ND 50.0 1 10/17/23 10/17/23  MB/kg mg/kg Analyst: JL  ND 25.0 1 10/17/23 10/17/23  MB/kg mg/kg Analyst: JL  ND 25.0 1 10/17/23 10/17/23  MB/kg MB/kg Analyst: BA



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:03:47PM

### SW-55A 0-5'

		E310105-03				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2342021
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2342021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2342025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
Surrogate: n-Nonane		68.4 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2342027
Chloride	ND	20.0	1	10/17/23	10/17/23	



Gaucho 30 CTB 1 NTG-New Tech Global Environmental Project Name: Reported: 911 Regional Park Dr. Project Number: 01058-0007 Houston TX, 77060 Project Manager: Ethan Sessums 10/18/2023 3:03:47PM **Volatile Organics by EPA 8021B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2342021-BLK1) Prepared: 10/17/23 Analyzed: 10/17/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.62 8.00 95.3 70-130 LCS (2342021-BS1) Prepared: 10/17/23 Analyzed: 10/17/23 4.76 5.00 95.1 70-130 Benzene 0.0250 Ethylbenzene 4.69 0.0250 5.00 93.8 70-130 4.73 0.0250 5.00 94.7 70-130 Toluene 94.1 o-Xylene 4.70 0.0250 5.00 70-130 9.58 10.0 95.8 70-130 0.0500 p.m-Xvlene 95.3 70-130 14.3 15.0 Total Xylenes 0.0250 8.00 95.7 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.65 Matrix Spike (2342021-MS1) Source: E310105-02 Prepared: 10/17/23 Analyzed: 10/17/23 4.57 0.0250 5.00 ND 91.4 54-133 Benzene ND 90.7 61-133 Ethylbenzene 4.54 0.0250 5.00 Toluene 4.57 0.0250 5.00 ND 91.3 61-130 4.56 ND 91.2 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.27 0.0500 10.0 ND 92.7 63-131 13.8 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.62 8.00 Matrix Spike Dup (2342021-MSD1) Source: E310105-02 Prepared: 10/17/23 Analyzed: 10/17/23 4.76 0.0250 5.00 ND 95.1 54-133 3.97 20 4.72 61-133 0.0250 5.00 ND 94.4 3.96 20 Ethylbenzene 61-130 Toluene 4 75 0.0250 5.00 ND 95.0 3 93 20 4.75 5.00 ND 95.0 63-131 4.00 20 o-Xylene 0.0250 3.74 9.62 10.0 ND 96.2 63-131 20 p,m-Xylene 0.0500 Total Xylenes 14.4 0.0250 15.0 ND 95.8 63-131 3.83 20

8.00

95.8

70-130



Surrogate: 4-Bromochlorobenzene-PID

7.67

NTG-New Tech Global Environmental 911 Regional Park Dr.	Project Name: Project Number:	Gaucho 30 CTB 1 01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:03:47PM

Houston TX, 77060		Project Manage	r: Et	han Sessums					10/18/2023 3:03:47PN
	Noi	nhalogenated	Organics	by EPA 80	15D - G	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2342021-BLK1)							Prepared: 1	0/17/23 A	analyzed: 10/17/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			
LCS (2342021-BS2)							Prepared: 1	0/17/23 A	analyzed: 10/17/23
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0		82.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			
Matrix Spike (2342021-MS2)				Source:	E310105-	02	Prepared: 1	0/17/23 A	analyzed: 10/17/23
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	89.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			
Matrix Spike Dup (2342021-MSD2)				Source:	E310105-	02	Prepared: 1	0/17/23 A	analyzed: 10/17/23
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0	ND	85.0	70-130	5.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			

NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	•
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:03:47PM

Houston TX, 77060		Project Manage	r: Eti	han Sessums					10/18/2023 3:03:47PM
	Nonhal	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2342025-BLK1)							Prepared: 1	0/17/23 A	nalyzed: 10/17/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.3		50.0		84.7	50-200			
LCS (2342025-BS1)							Prepared: 1	0/17/23 A	analyzed: 10/17/23
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	44.6		50.0		89.2	50-200			
Matrix Spike (2342025-MS1)				Source:	E310110-	12	Prepared: 1	0/17/23 A	analyzed: 10/17/23
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	42.7		50.0		85.3	50-200			
Matrix Spike Dup (2342025-MSD1)				Source:	E310110-	12	Prepared: 1	0/17/23 A	analyzed: 10/17/23
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.6	38-132	5.60	20	
Surrogate: n-Nonane	37.7		50.0		75.4	50-200			



NTG-New Tech Global Environmental 911 Regional Park Dr.		Project Name: Project Number:		aucho 30 CTE	<b>3</b> 1				Re	eported:
Houston TX, 77060		Project Manager:		than Sessums					10/18/202	23 3:03:47PM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analy	rst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2342027-BLK1)							Prepared:	10/17/23	Analyzed:	10/17/23
Chloride	ND	20.0								
LCS (2342027-BS1)							Prepared:	10/17/23	Analyzed:	10/17/23
Chloride	244	20.0	250		97.7	90-110				
Matrix Spike (2342027-MS1)				Source:	E310108-0	)4	Prepared:	10/17/23	Analyzed:	10/17/23
Chloride	241	20.0	250	ND	96.3	80-120				
Matrix Spike Dup (2342027-MSD1)				Source:	E310108-0	)4	Prepared:	10/17/23	Analyzed:	10/17/23
Chloride	245	20.0	250	ND	98.0	80-120	1.74	20		

#### QC Summary Report Comment:

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



### **Definitions and Notes**

NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/23 15:03

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



### **Chain of Custody**

ect Manager:	Ethan Sessun	ns			Bill to: (if a	different)		West	ev Ma	tthews				T			Work C	Order (	Page1_ Comments	of1		
npany Name:	NTG Environr				Company			27 0.1	n Ene					P	rogram: I	JST/PST		rownt		S∏erfund		
ress:	209 W McKay	St			Address:			0.00			rs Highw	ay			tate of Pr		Шэээ 19					
State ZIP:	Carlsbad, NM	88220			City, Stat	e ZIP:				1 8821	70.00			R	eporting:L	evel II	Level III	□ST/	UST □RP	□evel IV □		
ne:	(432) 701-215	59		The second second	Wesley.		s@dvn.								eliverable	s: EDD		ADaP1	Γ □ Other:			
ect Name:	Gai	ucho 30 CTB 1		Turr	Around							ANA	LYSIS	REQUI	EST				Preservat	ive Codes		
ect Number:		236730		Routine	☑ Rush	1	Pres. Code												None: NO	DI Water: H <sub>2</sub> C		
ct Location		ea Co, NM		Due Date:	48	3hr				- 3									Cool: Cool	MeOH: Me		
pler's Name:	Din	nitry Nikanarov		TAT starts the day received by the							+ MRO)										HCL: HC	HNO <sub>3</sub> : HN
ŧ		21105841		lab, if rece	ived by 4:3	0pm	<u>ν</u>		+										H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH: Na		
IPLE RECEI	PT Te	emp Blank:	Yes No	Wet Ice:	Yes	)No	ete	<b>B</b>	DRO	4500									H <sub>3</sub> PO <sub>4</sub> : HP			
ved Intact:		(es No	Thermom	eter ID:			Parameters	aran	802	+	de 4								НОГР	NaHSO <sub>4</sub> : NABIS		
er Custody Seals	s: Yes	No N/A	Correction	Factor:		tor:  D:  BETEX  Para   M ( GR O ) M ( GR O							9	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>								
ole Custody Sea	ls: Yes	No N/A	Temperat	ure Reading:	4			'n	5M (	៦									Zn Acetate+NaOl	H: Zn		
Containers:		3	Corrected	Temperature:					TPH 8015M ( GRO + DRO										NaOH+Ascorbic	Acid: SAPC		
Sample lentification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP.										Sample C	omments		
SW-52A	0-5'	10/13/2023		Х		Comp	1	Х	Х	Х								1				
SW-53A	0-5'	10/13/2023		Х		Comp	1	Х	Х	Х								2				
SW-55A	0-5'	10/13/2023		X		Comp	1	X	Х	Х								3				
			1																			
																			12			
		1																				
										-							-					
	onal Commen	ta:																	1			

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envirotech Inc.

Printed: 10/17/2023 11:30:27AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

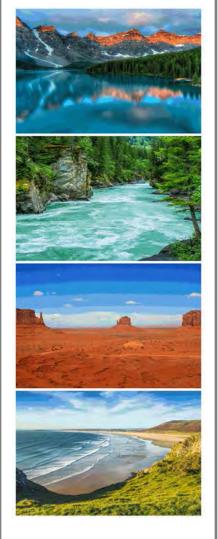
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	NTG-New Tech Global Environmental	Date Received:	10/17/23	08:15	Work Order	· ID:	E310105
Phone:	(281) 872-9300	Date Logged In:	10/16/23	14:41	Logged In 1	Зу:	Caitlin Mars
Email:	esessums@ntglobal.com	Due Date:	10/18/23	17:00 (1 day TAT)			
Chain of	Custody (COC)						
	e sample ID match the COC?		Yes				
	e number of samples per sampling site location mat	ch the COC	Yes				
3. Were sa	imples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	Courier		
4. Was the	COC complete, i.e., signatures, dates/times, reques	sted analyses?	No	_			
5. Were al	I samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic		Yes		<u>Con</u>	ımen	ts/Resolution
Sample T	urn Around Time (TAT)			I			
	COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not p	rov	ided on COC per
Sample C	<u>ooler</u>				client. SRC email n	ot s	ent per client
7. Was a s	ample cooler received?		Yes		request.		
8. If yes, v	vas cooler received in good condition?		Yes		1		
9. Was the	sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
	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 risible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C			_				
	ueous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers?	?	Yes				
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>el</u>						
	field sample labels filled out with the minimum info	rmation:					
	imple ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	•			
	reservation		No				
	he COC or field labels indicate the samples were pr	eserved?	No				
	mple(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved m	netals?	No				
Multinha	se Sample Matrix						
	he sample have more than one phase, i.e., multiphase	se?	No				
	does the COC specify which phase(s) is to be analy		NA				
			1171				
-	act Laboratory		No				
	mples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	-	No NA	Subcontract Lab	NI A		
		1 30 WIIO:	1173	Subcolliact Lab	, NA		
Client In	<u>struction</u>						
						—	
							()

Date

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 30 CTB 1

Work Order: E310106

Job Number: 01058-0007

Received: 10/17/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/18/23

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: 10/18/23

Ethan Sessums 911 Regional Park Dr. Houston, TX 77060

Project Name: Gaucho 30 CTB 1

Workorder: E310106

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 30 CTB 1.

The analytical test results summarized in this report with the Project Name: Gaucho 30 CTB 1 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**

NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	Donoutoda
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/23 15:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-18 7'	E310106-01A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-19 7'	E310106-02A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-39 5'	E310106-03A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-85 6'	E310106-04A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-86 6'	E310106-05A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-87 6'	E310106-06A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-88 6'	E310106-07A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-89 6'	E310106-08A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-90 6'	E310106-09A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-91 6'	E310106-10A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-92 6'	E310106-11A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-93 6'	E310106-12A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-13A 0-4'	E310106-13A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-56 0-6'	E310106-14A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-57 0-6'	E310106-15A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-58 0-6'	E310106-16A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-59 0-6'	E310106-17A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-60 0-6'	E310106-18A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-61 0-6'	E310106-19A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-62 0-6'	E310106-20A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-63 0-6'	E310106-21A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM

#### CS-18 7' E310106-01

		E310100-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
. many to	resure			•	1 11111 / 201	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	30.6	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
Surrogate: n-Nonane		89.1 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2342030
Chloride	80.4	20.0	1	10/17/23	10/17/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM

#### CS-19 7'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2342020
ND	0.0250	1	10/17/23	10/17/23	
ND	0.0250	1	10/17/23	10/17/23	
ND	0.0250	1	10/17/23	10/17/23	
ND	0.0250	1	10/17/23	10/17/23	
ND	0.0500	1	10/17/23	10/17/23	
ND	0.0250	1	10/17/23	10/17/23	
	95.1 %	70-130	10/17/23	10/17/23	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2342020
ND	20.0	1	10/17/23	10/17/23	
	90.1 %	70-130	10/17/23	10/17/23	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2342024
61.2	25.0	1	10/17/23	10/17/23	
ND	50.0	1	10/17/23	10/17/23	
	88.8 %	50-200	10/17/23	10/17/23	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2342030
	0 0				
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           95.1 %         mg/kg           MD         20.0           90.1 %         mg/kg           mg/kg         mg/kg           61.2         25.0           ND         50.0           88.8 %	Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         70-130         4           mg/kg         mg/kg         Analy           MD         20.0         1           mg/kg         mg/kg         Analy           61.2         25.0         1           ND         50.0         1           88.8 %         50-200	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           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/17/23           mg/kg         mg/kg         Analyst: JL           61.2         25.0         1         10/17/23           ND         50.0         1         10/17/23           88.8 %         50-200         10/17/23	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/17/23         10/17/23           ND         0.0250         1         10/17/23         10/17/23           ND         0.0250         1         10/17/23         10/17/23           ND         0.0500         1         10/17/23         10/17/23           ND         0.0250         1         10/17/23         10/17/23           ND         0.0250         1         10/17/23         10/17/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/17/23         10/17/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/17/23         10/17/23           mg/kg         mg/kg         Analyst: JL           61.2         25.0         1         10/17/23         10/17/23           ND         50.0         1         10/17/23         10/17/23           88.8 %         50-200         10/17/23         10/17/23



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#### CS-39 5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
Surrogate: n-Nonane		94.5 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2342030



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#### CS-85 6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	94.4	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	57.8	50.0	1	10/17/23	10/17/23	
Surrogate: n-Nonane		90.6 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2342030
				10/17/23	10/17/23	



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#### CS-86 6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	178	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	140	50.0	1	10/17/23	10/17/23	
Surrogate: n-Nonane		91.4 %	50-200	10/17/23	10/17/23	
A EDA 200 0/005CA	mg/kg	mg/kg	Analy	yst: IY		Batch: 2342030
Anions by EPA 300.0/9056A	8 8					



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#### CS-87 6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	170	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	111	50.0	1	10/17/23	10/17/23	
Surrogate: n-Nonane		78.8 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2342030



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#### CS-88 6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	63.5	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	54.8	50.0	1	10/17/23	10/17/23	
Surrogate: n-Nonane		75.6 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	_

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#### CS-89 6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		93.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
Surrogate: n-Nonane		85.7 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2342030
	ND	20.0		10/17/23	10/17/23	



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#### CS-90 6'

E31		

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	42.7	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
Surrogate: n-Nonane		78.1 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: IY		Batch: 2342030
7 THIOHS BY 12171 500:0/7030/1						



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#### CS-91 6'

E31		

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	34.7	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
Surrogate: n-Nonane		74.6 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2342030



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#### CS-92 6'

		2010100 11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		st: RKS	rmaryzed	Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	Batem 25 12020
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
Surrogate: n-Nonane		82.3 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



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#### CS-93 6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	39.5	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
Surrogate: n-Nonane		72.7 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2342030
	•			<u> </u>	<u> </u>	·



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#### SW-13A 0-4' E310106-13

		L510100 15				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
o,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
Surrogate: n-Nonane		87.6 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2342030
Chloride	409	20.0	1	10/17/23	10/17/23	



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911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM

#### SW-56 0-6'

		E310106-14				
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	134	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	101	50.0	1	10/17/23	10/18/23	
Surrogate: n-Nonane		82.2 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM

### SW-57 0-6'

E310106-15							
		Reporting					
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2342020	
Benzene	ND	0.0250	1	10/17/23	10/17/23		
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23		
Toluene	ND	0.0250	1	10/17/23	10/17/23		
o-Xylene	ND	0.0250	1	10/17/23	10/17/23		
o,m-Xylene	ND	0.0500	1	10/17/23	10/17/23		
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23		
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130	10/17/23	10/17/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2342020	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	10/17/23	10/17/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2342024	
Diesel Range Organics (C10-C28)	47.9	25.0	1	10/17/23	10/18/23		
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23		
Surrogate: n-Nonane		77.8 %	50-200	10/17/23	10/18/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2342030	
Chloride	ND	20.0	1	10/17/23	10/18/23		



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM

### SW-58 0-6'

E310106-16						
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
Surrogate: n-Nonane		84.8 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/18/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM

#### SW-59 0-6'

		E310106-17				
Reporting						
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
Surrogate: n-Nonane		85.7 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/18/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM

#### SW-60 0-6'

		E310106-18				
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
o,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
Surrogate: n-Nonane		83.4 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/18/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM

### SW-61 0-6'

E310106-19						
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2342020
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: 4-Bromochlorobenzene-PID		95.8 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
Surrogate: n-Nonane		85.4 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/18/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM

### SW-62 0-6'

E310106-20						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2342020
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: 4-Bromochlorobenzene-PID		95.5 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
Surrogate: n-Nonane		84.8 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2342030
Chloride	4810	20.0	1	10/17/23	10/18/23	



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM

### SW-63 0-6'

		E310106-21				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2342021	
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2342021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2342025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
Surrogate: n-Nonane		70.1 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2342029
Chloride	4160	40.0	2	10/17/23	10/17/23	



Gaucho 30 CTB 1 NTG-New Tech Global Environmental Project Name: Reported: 911 Regional Park Dr. Project Number: 01058-0007 Houston TX, 77060 Project Manager: Ethan Sessums 10/18/2023 3:01:02PM **Volatile Organics by EPA 8021B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2342020-BLK1) Prepared: 10/17/23 Analyzed: 10/17/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.50 8.00 93.7 70-130 LCS (2342020-BS1) Prepared: 10/17/23 Analyzed: 10/17/23 4.91 5.00 98.2 70-130 Benzene 0.0250 Ethylbenzene 4.73 0.0250 5.00 94.7 70-130 4.92 0.0250 5.00 98.3 70-130 Toluene 97.1 o-Xylene 4.86 0.0250 5.00 70-130 9.79 10.0 97.9 70-130 0.0500 p.m-Xvlene 97.7 70-130 14.6 15.0 Total Xylenes 0.0250 8.00 93.3 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.47 Matrix Spike (2342020-MS1) Source: E310106-08 Prepared: 10/17/23 Analyzed: 10/17/23 5.08 0.0250 5.00 ND 54-133 Benzene ND 98.1 61-133 Ethylbenzene 4.90 0.0250 5.00 Toluene 5.09 0.0250 5.00 ND 102 61-130 5.02 ND 100 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.1 0.0500 10.0 ND 101 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.59 8.00 Matrix Spike Dup (2342020-MSD1) Source: E310106-08 Prepared: 10/17/23 Analyzed: 10/17/23 4.63 0.0250 5.00 ND 92.5 54-133 9.36 20 4.47 61-133 0.0250 5.00 ND 89.5 9.19 20 Ethylbenzene 61-130 Toluene 4 63 0.0250 5.00 ND 92.7 9 31 20 4.58 5.00 ND 91.6 63-131 9.20 20 o-Xylene 0.0250 9.26 10.0 ND 92.6 63-131 8.94 20 p,m-Xylene 0.0500 Total Xylenes 13.8 0.0250 15.0 ND 92.3 63-131 9.03 20

8.00

96.1

70-130



Surrogate: 4-Bromochlorobenzene-PID

7.69

		QC 50	411111116	iry Data	a					
NTG-New Tech Global Environmental		Project Name:		aucho 30 CTE	3.1				Reported:	
911 Regional Park Dr.	Project Number:			01058-0007						
Houston TX, 77060		Project Manager:	Et	than Sessums					10/18/2023 3:01:02PM	
		Volatile O	rganics b	y EPA 802	1B			Analyst: RKS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2342021-BLK1)						Prepared: 10/17/23 Analyzed: 10/17/23				
Benzene	ND	0.0250					-		<u> </u>	
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130				
LCS (2342021-BS1)							Prepared: 1	0/17/23 A	nalyzed: 10/17/23	
Benzene	4.76	0.0250	5.00		95.1	70-130				
Ethylbenzene	4.69	0.0250	5.00		93.8	70-130				
Toluene	4.73	0.0250	5.00		94.7	70-130				
o-Xylene	4.70	0.0250	5.00		94.1	70-130				
p,m-Xylene	9.58	0.0500	10.0		95.8	70-130				
Total Xylenes	14.3	0.0250	15.0		95.3	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.7	70-130				
Matrix Spike (2342021-MS1)				Source:	E310105-	02	Prepared: 1	0/17/23 A	nalyzed: 10/17/23	
Benzene	4.57	0.0250	5.00	ND	91.4	54-133				
Ethylbenzene	4.54	0.0250	5.00	ND	90.7	61-133				
Toluene	4.57	0.0250	5.00	ND	91.3	61-130				
o-Xylene	4.56	0.0250	5.00	ND	91.2	63-131				
p,m-Xylene	9.27	0.0500	10.0	ND	92.7	63-131				
Total Xylenes	13.8	0.0250	15.0	ND	92.2	63-131				
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130				
Matrix Spike Dup (2342021-MSD1)				Source:	E310105-	02	Prepared: 1	0/17/23 A	nalyzed: 10/17/23	
Benzene	4.76	0.0250	5.00	ND	95.1	54-133	3.97	20		
Ethylbenzene	4.72	0.0250	5.00	ND	94.4	61-133	3.96	20		
Toluene	4.75	0.0250	5.00	ND	95.0	61-130	3.93	20		
o-Xylene	4.75	0.0250	5.00	ND	95.0	63-131	4.00	20		
p,m-Xylene	9.62	0.0500	10.0	ND	96.2	63-131	3.74	20		
Total Xylenes	14.4	0.0250	15.0	ND	95.8	63-131	3.83	20		

8.00

7.67

70-130



Surrogate: 4-Bromochlorobenzene-PID

NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	•
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM

Houston TX, 77060		Project Manage	r: Etl	nan Sessums				10	/18/2023 3:01:02P
	Non	halogenated	Organics l	by EPA 80	15D - GI	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2342020-BLK1)							Prepared: 10	0/17/23 Ana	alyzed: 10/17/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.4	70-130			
LCS (2342020-BS2)							Prepared: 1	0/17/23 Ana	alyzed: 10/17/23
Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			
Matrix Spike (2342020-MS2)				Source:	E310106-	08	Prepared: 1	0/17/23 Ana	alyzed: 10/17/23
Gasoline Range Organics (C6-C10)	39.7	20.0	50.0	ND	79.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.8	70-130			
Matrix Spike Dup (2342020-MSD2)				Source:	E310106-0	08	Prepared: 1	0/17/23 Ana	alyzed: 10/17/23
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.7	70-130	17.7	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM

Houston TX, 77060		Project Manage	r: Et	han Sessums				1	0/18/2023 3:01:02PM
	Nor	nhalogenated	Organics	by EPA 80	15D - G	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2342021-BLK1)							Prepared: 1	0/17/23 An	nalyzed: 10/17/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			
LCS (2342021-BS2)							Prepared: 1	0/17/23 An	nalyzed: 10/17/23
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0		82.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			
Matrix Spike (2342021-MS2)				Source:	E310105-	02	Prepared: 1	0/17/23 An	nalyzed: 10/17/23
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	89.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			
Matrix Spike Dup (2342021-MSD2)				Source:	E310105-	02	Prepared: 1	0/17/23 An	nalyzed: 10/17/23
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0	ND	85.0	70-130	5.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	•
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM

Houston TX, 77060		Project Manage	r: Et	han Sessums				10	0/18/2023 3:01:02PN
	Nonhal	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2342024-BLK1)							Prepared: 1	0/17/23 An	alyzed: 10/17/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	53.0		50.0		106	50-200			
LCS (2342024-BS1)							Prepared: 1	0/17/23 An	alyzed: 10/17/23
Diesel Range Organics (C10-C28)	246	25.0	250		98.5	38-132			
urrogate: n-Nonane	43.2		50.0		86.3	50-200			
Matrix Spike (2342024-MS1)				Source:	E310106-	01	Prepared: 1	0/17/23 An	alyzed: 10/17/23
Diesel Range Organics (C10-C28)	260	25.0	250	30.6	91.9	38-132			
urrogate: n-Nonane	42.5		50.0		85.0	50-200			
Matrix Spike Dup (2342024-MSD1)				Source:	E310106-0	01	Prepared: 1	0/17/23 An	alyzed: 10/17/23
Diesel Range Organics (C10-C28)	259	25.0	250	30.6	91.2	38-132	0.661	20	
urrogate: n-Nonane	41.8		50.0		83.6	50-200			



NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	•
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM

Houston TX, 77060		Project Manage	r: Et	han Sessums				10	0/18/2023 3:01:02PN
	Nonhal	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2342025-BLK1)							Prepared: 1	0/17/23 An	alyzed: 10/17/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	42.3		50.0		84.7	50-200			
LCS (2342025-BS1)							Prepared: 1	0/17/23 An	alyzed: 10/17/23
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
urrogate: n-Nonane	44.6		50.0		89.2	50-200			
Matrix Spike (2342025-MS1)				Source:	E310110-1	12	Prepared: 1	0/17/23 An	alyzed: 10/17/23
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132			
urrogate: n-Nonane	42.7		50.0		85.3	50-200			
Matrix Spike Dup (2342025-MSD1)				Source:	E310110-1	12	Prepared: 1	0/17/23 An	alyzed: 10/17/23
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.6	38-132	5.60	20	
urrogate: n-Nonane	37.7		50.0		75.4	50-200			



NTG-New Tech Global Environmental 911 Regional Park Dr.	Project Name: Project Number:	Gaucho 30 CTB 1 01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/2023 3:01:02PM
	Anione by 1	FPA 300 0/9056A	4 1 . 777

Houston TX, 77060		Project Manager	r: Et	han Sessums				1	0/18/2023 3:01:02PM
		Anions	by EPA 3	00.0/9056	4				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2342029-BLK1)							Prepared: 1	0/17/23 An	alyzed: 10/17/23
Chloride	ND	20.0							
LCS (2342029-BS1)							Prepared: 1	0/17/23 An	alyzed: 10/17/23
Chloride	243	20.0	250		97.1	90-110			
Matrix Spike (2342029-MS1)				Source:	E310110-	03	Prepared: 1	0/17/23 An	alyzed: 10/17/23
Chloride	1960	20.0	250	1740	87.0	80-120			
Matrix Spike Dup (2342029-MSD1)				Source:	E310110-	03	Prepared: 1	0/17/23 An	alyzed: 10/17/23
Chloride	1930	20.0	250	1740	76.1	80-120	1.41	20	M2

NTG-New Tech Global Environmental		Project Name:		aucho 30 CTI	3 1				Reported:
911 Regional Park Dr. Houston TX, 77060		Project Number: Project Manager:		1058-0007 than Sessums					10/18/2023 3:01:02PM
,				300.0/9056	A				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2342030-BLK1)							Prepared: 1	0/17/23 A	nalyzed: 10/17/23
Chloride	ND	20.0							
LCS (2342030-BS1)							Prepared: 1	0/17/23 A	nalyzed: 10/17/23
Chloride	242	20.0	250		96.8	90-110			
Matrix Spike (2342030-MS1)				Source:	E310106-	07	Prepared: 1	0/17/23 A	nalyzed: 10/17/23
Chloride	243	20.0	250	ND	97.2	80-120			
Matrix Spike Dup (2342030-MSD1)				Source:	E310106-0	07	Prepared: 1	0/17/23 A	nalyzed: 10/17/23
Chloride	243	20.0	250	ND	97.0	80-120	0.152	20	

#### QC Summary Report Comment:

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



## **Definitions and Notes**

ſ	NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
l	911 Regional Park Dr.	Project Number:	01058-0007	Reported:
l	Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/23 15:01

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



## **Chain of Custody**



ompany Name:	Ethan Sessum	IS			Bill to: (if d	lifferent)		Wesl	ev Ma	tthews						Work	Order	Comments
	NTG Environn	nental		Y	Company	Acres de la constante de la co			n Ene					Program:	UST/PST	□RP	Down	fields RC S erfund
	209 W McKay	St			Address:					n Rivers H	ighway			State of Project:				
y, State ZIP:	Carlsbad, NM	88220			City, State	e ZIP:		1000	- have	1 88210				Work Order No: <u>E31010</u> <u>J058-0007</u> Page _1_ of _3_  Work Order Comments  Program: UST/PST   RP         ownfields				
one:	(432) 701-215	9			Wesley.		@dvn.c	com						Deliverabl	es: EDD		ADaP	T Other:
oject Name:	Gau	cho 30 CTB 1		Turn	Around							MALVE	IS REQU	ECT				Descriptive Codes
oject Number:	Jac	236730		Routine	✓ Rush		Pres.				T	IAME 19	KEUL	1231	T		1	Preservative Codes  None: NO DI Water: H <sub>2</sub>
oject Number.	i	ea Co, NM		Due Date:	48		Code										-	
mpler's Name:		itry Nikanarov		TAT starts the					MRO)	100								Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN
) #:		21105841			ved by 4:30		go		+	-3								H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na
AMPLE RECEIF	PT Te	mp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	<u></u>	+ DRO	8						. 1		H <sub>3</sub> PO <sub>4</sub> : HP
ceived Intact:	(Y	es No	Thermom	eter ID:			ıram	8021B	+	Chloride 4500							HOLD	NaHSO <sub>4</sub> : NABIS
oler Custody Seals	S: Yes	No N/A	Correction	n Factor:			4	втех	8	lo lo	4 4				1 1		유	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>
mple Custody Seal	ls: Yes	No N/A	Temperat	ure Reading:	4			m	TPH 8015M ( GRO	៦								Zn Acetate+NaOH: Zn
tal Containers:		21	Corrected	Temperature:					1804						1 1			NaOH+Ascorbic Acid: SAPC
Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont		Ē									Sample Comments
CS-18	7'	10/13/2023		Х		Comp	1	Х	Х	X							1	
CS-19	7'	10/13/2023		Х		Comp	1	Х	Х	X							2	
CS-39	5'	10/13/2023		Х		Comp	1	X	X	X							3	
CS-85	6'	10/13/2023		X		Comp	1	X	Х	X							4	/
CS-86	6'	10/13/2023		Х		Comp	1	Х	Х	Х							5	
CS-87	6'	10/13/2023		Х		Comp	1	Х	X	X							6	
CS-88	6'	10/13/2023		Х		Comp	1	Х	X	x							7	
CS-89	6'	10/13/2023		Х		Comp	1	Х	Х	X							8	
CO-09	6'	10/13/2023		Х		Comp	1	Х	х	х					5		9	
CS-89	U	10,10,2020							X			_						

MASO

## Chain of Custody

Work Order No: <u>E3|0|06</u> JOD #0|058-0007

roject Manager:	Ethan Sessum	IS			Bill to: (if di	fferent)		Wesl	ey Ma	tthews						Wor	k Order	Comments	
ompany Name:	NTG Environm	nental			Company			Devo	n Ene	rgy				Proc	ram: US	T/PST PRP	Town	fields RC	Serfund
ddress:	209 W McKay	St			Address:			6488	Sever	Rive	s Highw	av		State	of Proj	ect:		_	
ity, State ZIP:	Carlsbad, NM	CT TO A ST			City, State	ZIP:				1 8821				Repo	orting:Le	vel II Level	III 🗆st/	UST TRP	evel IV
	(432) 701-215	9		Email:	Wesley.N	/latthews	@dvn.c							Deliv	erables:	EDD	ADaP	T 🗆 Other:	
roject Name:	Gau	cho 30 CTB 1		Tur	n Around							ΔΝΔ	I YSIS F	EQUES	_			Preservat	ive Codes
roject Number:		236730		Routine	✓ Rush		Pres.							LUCLO			$\top$	None: NO	DI Water: H <sub>2</sub> C
roject Location	4	ea Co, NM		Due Date:	481		Code				_	_		-				Cool: Cool	MeOH: Me
ampler's Name:		itry Nikanarov		TAT starts the		1000			(02									HCL: HC	HNO <sub>3</sub> : HN
0 #:		21105841			eived by 4:30		yo.	_	+ MRO)	. 41								H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH: Na
AMPLE RECEI	Te	mp Blank:	Yes No	Wet Ice:	Yes	No	ameters	m	+ DRO	4500			1 1					H <sub>3</sub> PO <sub>4</sub> ; HP	
eceived Intact:	(Y	es) No	Thermom	eter ID:			гаш	BTEX 8021B	+ 0	le 45			1 1	- 1			9	NaHSO <sub>4</sub> : NABIS	
ooler Custody Seals	: Yes	No N/A	Correction	Factor:			Pa	ă	GRO	Chloride							HOLD	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
ample Custody Sea	ls: Yes	No N/A	Temperat	ure Reading:	4			E .	TPH 8015M (	ភ				1				Zn Acetate+NaO	H: Zn
otal Containers:		21	Corrected	Temperature:	1 1				801				1 1	- 1				NaOH+Ascorbic	Acid: SAPC
Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH									Sample C	omments
CS-92	6'	10/13/2023		Х		Comp	1	Х	Х	Х							11		
CS-93	6'	10/13/2023		Х		Comp	1	Х	Х	X							12		
SW-13A	0-4'	10/13/2023		Х		Comp	1	Х	Х	Х							13		
SW-56	0-6'	10/13/2023		Х		Comp	1	Х	Х	Х							14		
SW-57	0-6'	10/13/2023		Х		Comp	1	Х	Х	Х	: : : !						15		
SW-58	0-6'	10/13/2023		X		Comp	1	Х	Х	Х							16	)	
SW-59	0-6'	10/13/2023		X		Comp	1	Х	Х	Х							17		
SW-60	2-6'	10/13/2023		Х		Comp	1	Х	Х	Х							18		
SW-61	0-6'	10/13/2023		Х		Comp	1	Х	Х	Х							19		
SW-62	0-6'	10/13/2023		Х		Comp	1	Х	Х	Х							20		
Additi	onal Commen	ts:																	

1017.23 8:15 4

Miso

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Page 299 of 663

# **Chain of Custody**



# Work Order No: <u>E3/0/06</u> 306#0058-0057

Conmental Kay St NM 88220 2159 Gaucho 30 CTB 1 236730		Bill to: (if of Company Address: City, State: Wesley.	/ Name:		Devo	n Ene		Llighwood						own	Comments  fields RC	S erfund
NM 88220 2159 Gaucho 30 CTB 1		City, Stat			6488	Seve	n Rivers	Jiahuau						_	-	
2159 Gaucho 30 CTB 1		The same	e ZIP:				ITTIVOIS	nignway			State of	Project:				
Gaucho 30 CTB 1		: Wesley.			Artesi	ia, NN	1 88210			bi	Reportin	g:Level II	Level III	□sT/	UST DRP	evel IV
	Tur		Matthews	@dvn.e	com						Delivera	bles: EDI	D 🗆	ADaP	T 🗆 Other	
236730		n Around							ANALYS	IS REC	UEST				Preserva	tive Codes
	Routine	✓ Rush	1	Pres. Code											None: NO	DI Water: H <sub>2</sub> C
Lea Co, NM	Due Date:	48	Bhr												Cool: Cool	MeOH: Me
Dimitry Nikanarov	TAT starts the					MRO)									HCL: HC	HNO <sub>3</sub> : HN
21105841			200	675		+					1 1				H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH: Na
		(Yes	) No	met	21B	+ DR	4500							_	H <sub>3</sub> PO <sub>4</sub> ; HP	
			-	Para	X 80	RO.	ride							100		
		4		_	BTE	M ( G	Cho					7		-		
						3015	3									
Date T	me Soil	Water	Grab/	# of		TPH										
10/12/2022					V	· ·	V							01	Сатро	
10/13/2023	^	1	Comp	- 1	^	^	^				-	-		21		
										-	-			-		
														1		
												+		+		
												_				
			1													
		1														
													1			
										_	1 1					
	Temp Blank: Yes Yes No Ther Yes No N/A Corr Yes No N/A Tem 21 Corr	Temp Blank: Yes No Wet Ice:  Yes No Thermometer ID: Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil	Temp Blank: Yes No Wet Ice: Yes Yes No Thermometer ID: Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil Water	Temp Blank: Yes No Wet Ice: Yes No Yes No Thermometer ID: Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil Water Grab/ Comp	Temp Blank: Yes No Wet Ice: Yes No Yes No Thermometer ID: Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil Water Grab/ Comp Cont	Temp Blank: Yes No Wet Ice: Yes No Yes No Thermometer ID: Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil Water Grab/ Comp	Temp Blank: Yes No Wet Ice: Yes No Yes No Thermometer ID: Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil Water Grab/ Comp Cont	Temp Blank: Yes No Wet Ice: Yes No Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil Water Grab/ Comp Cont  Positive Picture Reading: 4	Temp Blank: Yes No Wet Ice: Yes No Yes No Thermometer ID: Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil Water Grab/ Comp # of Cont	Temp Blank: Yes No Wet Ice: Yes No Yes No Thermometer ID: Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil Water Grab/ Comp # of Comp	Temp Blank: Yes No Wet Ice: Yes No Yes No Thermometer ID: Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil Water Grab/ Comp Cont	Temp Blank: Yes No Wet Ice: Yes No Yes No Thermometer ID: Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil Water Grab/ Comp # of Comp	Temp Blank: Yes No Wet Ice: Yes No Yes No Thermometer ID: Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil Water Grab/ Comp Cont  Population  Temp Blank: Yes No Wet Ice: Yes No  Thermometer ID:  The Soil Water Grab/ Comp Cont  Population  Temp Blank: Yes No Wet Ice: Yes No  Thermometer ID:  The Soil Water Grab/ Comp Cont  The Soil Water Grab/	Temp Blank: Yes No Wet Ice: Yes No Yes No Thermometer ID: Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil Water Grab/ Comp Cont  Post No Correction Factor:  # of Comp Cont	Temp Blank: Yes No Wet Ice: Yes No Yes No Thermometer ID: Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil Water Grab/ Comp # of Cont	Temp Blank: Yes No Wet Ice: Yes No Yes No N/A Correction Factor: Yes No N/A Temperature Reading: 21 Corrected Temperature:  Date Time Soil Water Grab/ Comp Cont  # of Cont    Cont   Con

Printed: 10/17/2023 11:46:05AM

## **Envirotech Analytical Laboratory**

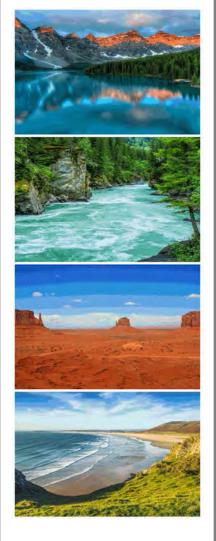
Sample Receipt Checklist (SRC)

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 (281) 872-9300	Date Received:	10/17/23 10/16/23		Work Order ID:	E310106 Caitlin Mars
Phone: Email:	esessums@ntglobal.com	Date Logged In: Due Date:		17:00 (1 day TAT)	Logged In By:	Cattili Mars
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
2. Does th	e number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No			
5. Were al	Il samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	•	Yes		<u>Commen</u>	ts/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not prov	ided on COC per
Sample C	•		103		client. SRC email not s	=
	cample cooler received?		Yes			ent per enem
	was cooler received in good condition?		Yes		request.	
•	e sample(s) received intact, i.e., not broken?					
	custody/security seals present?		Yes			
	were custody/security seals intact?		No			
•	•		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling /isible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C		•	_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
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	ormation:				
	ample ID?		Yes			
	ate/Time Collected? ollectors name?		Yes			
	reservation		No			
	the COC or field labels indicate the samples were properties.	reserved?	No			
	imple(s) correctly preserved?	reserved.	NA			
	filteration required and/or requested for dissolved n	netals?	No			
	•		110			
	se Sample Matrix the sample have more than one phase, i.e., multipha	sa?	Nie			
	does the COC specify which phase(s) is to be analy		No			
•		yzcu:	NA			
	act Laboratory					
	amples required to get sent to a subcontract laborato	-	No			
29. Was a	subcontract laboratory specified by the client and is	f so who?	NA	Subcontract Lab	: NA	
Client In	<u>istruction</u>					

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.

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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

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	Donoutodi
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
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	Dilut	tion Prepar	red 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	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		97.9 %	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	I	Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	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	1	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		54.5 %	50-200	10/17/	/23 10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY		Batch: 2342035
Chloride	77.4	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 2 E310112-02

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		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

P. 1.	Reporting					
Kesult	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	
	99.9 %	70-130	·	10/17/23	10/18/23	
	97.3 %	70-130		10/17/23	10/18/23	
	95.2 %	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	
	99.9 %	70-130		10/17/23	10/18/23	
	97.3 %	70-130		10/17/23	10/18/23	
	95.2 %	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	
	65.6 %	50-200		10/17/23	10/19/23	
mg/kg	mg/kg		Analyst:	IY		Batch: 2342035
257	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           99.9 %         97.3 %           95.2 %         mg/kg           MD         20.0           99.9 %         97.3 %           95.2 %         mg/kg           mg/kg         mg/kg           ND         25.0           ND         50.0           65.6 %         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           ND         0.0250           99.9 %         70-130           97.3 %         70-130           95.2 %         70-130           mg/kg         mg/kg           ND         20.0           99.9 %         70-130           97.3 %         70-130           95.2 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           65.6 %         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           99.9 %         70-130           97.3 %         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           99.9 %         70-130         95.2 %           ng/kg         mg/kg         Analyst:           ng/kg         mg/kg         Analyst:           ND         25.0         1           ND         50.0         1           65.6 %         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           99.9 %         70-130         10/17/23           97.3 %         70-130         10/17/23           95.2 %         70-130         10/17/23           99.9 %         70-130         10/17/23           99.9 %         70-130         10/17/23           97.3 %         70-130         10/17/23           97.3 %         70-130         10/17/23           95.2 %         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           99.9 %         70-130         10/17/23         10/18/23           97.3 %         70-130         10/17/23         10/18/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/17/23         10/18/23           97.3 %         70-130         10/17/23         10/18/23           97.3 %         70-130         10/17/23         10/18/23           95.2 %         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

### 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	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: l	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	1	Analyst: l	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		Analyst: l	ΚM		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		Analyst: l	Y		Batch: 2342035
		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

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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		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
Chloride	308	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 4 E310112-08

		2010112 00					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
maye		Lillit	Dili			Anaryzed	
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		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		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		96.1 %	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		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		60.5 %	50-200	·	10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2342035
Chloride	81.1	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 5 E310112-09

	_	Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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		96.6 %	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	A	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	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		69.4 %	50-200	10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	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

### TP-2 6 E310112-10

	Reporting					
Result	Limit	Dil	lution	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	
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	
	101 %	70-130		10/17/23	10/18/23	
	98.0 %	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	
	96.7 %	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		Analyst:	: KM		Batch: 2342043
941	125		5	10/17/23	10/19/23	
447	250		5	10/17/23	10/19/23	
44 /						
44/	70.3 %	50-200		10/17/23	10/19/23	
mg/kg	70.3 % mg/kg	50-200	Analyst:		10/19/23	Batch: 2342035
	mg/kg  ND  ND  ND  0.0435  0.0685  0.112	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           MD         20.0           96.7 %         101 %           98.0 %         mg/kg           mg/kg         mg/kg           mg/kg         mg/kg           941         125	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 % 70-130           101 % 70-130           98.0 % 70-130           mg/kg         mg/kg           101 % 70-130           98.0 % 70-130           mg/kg         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst           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           101 %         70-130           98.0 %         70-130           mg/kg         mg/kg         Analyst           101 %         70-130           98.0 %         70-130           mg/kg         mg/kg         Analyst           mg/kg         mg/kg         Analyst           941         125         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           101 %         70-130         10/17/23           98.0 %         70-130         10/17/23           101 %         70-130         10/17/23           98.0 %         70-130         10/17/23           mg/kg         mg/kg         Analyst: KM           941         125         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           101 %         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           101 %         70-130         10/17/23         10/18/23           101 %         70-130         10/17/23         10/18/23           101 %         70-130         10/17/23         10/18/23           10/18/23         10/18/2

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 7 E310112-11

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:		1 mary 200	Batch: 2342039
Volatile Organic Compounds by EPA 8260B Benzene	ND	0.0250		1	10/17/23	10/18/23	Batch. 25-1205)
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		96.2 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		93.7 %	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		96.2 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8		93.7 %	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		68.9 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2342035
Chloride	577	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 8 E310112-12

		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		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	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	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		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	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

		2010112 10					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Liiiit	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		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		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:		1 mary 200	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		96.5 %	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		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		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		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

	_	Reporting	_				
Analyte	Result	Limit	Dilut	tion Prepa	ared A	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2342039
Benzene	ND	0.0250	1	10/17	7/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17	7/23	10/18/23	
Toluene	ND	0.0250	1	10/17	7/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17	7/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17	7/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17	7/23	10/18/23	
Surrogate: Bromofluorobenzene		97.2 %	70-130	10/1	7/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	10/1	7/23	10/18/23	
Surrogate: Toluene-d8		97.5 %	70-130	10/1	7/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: RKS			Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/1	7/23	10/18/23	
Surrogate: Bromofluorobenzene		97.2 %	70-130	10/1	7/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	10/1	7/23	10/18/23	
Surrogate: Toluene-d8		97.5 %	70-130	10/1	7/23	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	7/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/1′	7/23	10/19/23	
Surrogate: n-Nonane		65.7 %	50-200	10/1	7/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	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 1 E310112-16

		Reporting					
Analyte	Result	Limit	Dil	ution	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	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		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		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		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

### TP-3 2 E310112-17

		2010112 17					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Anaryte	Result	Limit	DIII	ution	Frepared	Anaryzeu	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

### TP-3 3 E310112-18

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

# **Sample Data**

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

		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		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	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	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		68.6 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2342035
						10/18/23	

## **QC Summary Data**

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 Surrogate: Bromofluorobenzene 0.484 0.500 70-130 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

94.0

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

## **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

Houston TX, 77060		Project Manager		han Sessums					10/23/2023 11:35:02AM
	Nor	halogenated (	Organics l	by EPA 801	5D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2342039-BLK1)							Prepared: 1	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: 1	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: 1	E310112-0	)3	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: 1	E <b>310112-</b> 0	)3	Prepared: 1	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

70-130

70-130

96.7

97.6



# **QC Summary Data**

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 Manage	r: Et	han Sessums					10/23/2023 11:35:02A
	Nonhal	logenated Or	ganics by	EPA 8015I	D - 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 A	nalyzed: 10/19/23
tiesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	38.8		50.0		77.6	50-200			
CS (2342043-BS1)							Prepared: 1	0/17/23 A	analyzed: 10/19/23
riesel 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 A	analyzed: 10/19/23
riesel 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 A	analyzed: 10/19/23
tiesel 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			



## **QC Summary Data**

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060		Project Name: Project Number: Project Manager:	0	Gaucho Unit #0 1058-0007 Ethan Sessums	17H					ported: 3 11:35:02AM
Houston 1A, 77000									10/25/202	3 11.33.02/11/1
		Anions	by EPA	300.0/9056 <i>A</i>	<b>\</b>				Analy	yst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		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-(	)7	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-(	)7	Prepared:	10/17/23	Analyzed:	10/18/23
Chloride	684	20.0	250	308	150	80-120	23.6	20		M2, R3

#### 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)

MESO

Carried Marie Co.	VIRONMENTA													V	Nork O	rder No	E3101	12 -0007 _of_2
oject Manager:	Ethan Sessum	S			Bill to: (if	different)		Wesle	ey Mat	thews					Wor	k Order	Comments	012_
mpany Name:	NTG Environm	ental			Company			Devo					Progra	am: UST/P			nfields RRC	uperfund
dress:	209 W McKay	St			Address:								State of Project:					
y, State ZIP:	Carlsbad, NM 8	38220			City, Star	te ZIP:							Reporting:Level II					
one:	432-701-2159			Email	esessur	ms@ntgle	obal.cor	n					Deliverables: EDD ☐ ADaPT ☐ Other:				42 11 22	
oject Name:	Gau	cho Unit #01	7H	Tur	n Around						ΔΝΔ	LYSIS R	DECLIFET				tive Codes	
oject Number:		237780		✓ Routine	Rusi		Pres. Code						-40131		II	T	None: NO	DI Water: H <sub>2</sub> C
oject Location		Lea Co, NM		Due Date:			-										Cool Cool	MeOH: Me
mpler's Name:	Dm	itry Niakanoro	OV	TAT starts the					MRO)							W.	HCL HC	HNO <sub>3</sub> : HN
#:		21199611		lab, if rec	eived by 4:3	0pm	2		+								H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH: Na
MPLE RECEI	PT Ten	p Blank:	Yes No	Wet Ice:	Yes	) <sub>No</sub>	Parameters	18	DRO	4500							H₃PO₄ HP	
ceived Intact:	(Ye	s) No	Thermometer	ID:			aran	8021B	00					- 1		НОГР	NaHSO <sub>4</sub> NABIS	
oler Custody Seal		No N/A	Correction Fa	ctor:			σ.	TEX	G	Chloride						일 모	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO	3
mple Custody Sea	ls: Yes		Temperature		4			ш	15M	5							Zn Acetate+NaC	DH: Zn
tal Containers:		19	Corrected Ter	nperature:					TPH 8015M ( GRO				1 1				NaOH+Ascorbic	Acid. SAPC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		d T								Sample C	comments
TP-1	1	10/13/2023	11:30	Х		Grab	1	Х	X	X			1 . 1			1		
TP-1	2	10/13/2023	11:32	Х		Grab	1	X	Х	Х						2		
TP-1	3	10/13/2023	11:34	Х		Grab	1	X	Х	Х						3		
TP-1	4	10/13/2023	11:36	X		Grab	1	X	Х	Х						4		
TP-2	1	10/13/2023	11:38	X		Grab	1	Х	Х	Х						5		
TP-2	2	10/13/2023	11:40	X		Grab	1	X	X	Х						6		
TP-2	3	10/13/2023	11:42	Х		Grab	1	X	X	X						7		
TP-2	4	10/13/2023	11:44	Х		Grab	1	X	Х	Х						8		
TP-2	5	10/13/2023	11:46	X		Grab	1	Х	Х	X						9		
TP-2	6	10/13/2023	11:48	X		Grab	1	X	Х	X						(0)		
Addition	onal Comment																	

Page 30 of 32

Date/Time

Relinquished by (Signature)

Received by: (Signature)

area my

Revised Date 05012020 Rev. 2020 1

Date/Time

Received by: (Signature)



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

roject Manager:	Ethan Sessums	5			Bill to: (if o	different)		Wesle	y Mat	thews					Work O	rder	Comments			
ompany Name:	NTG Environme	ental			Company	Name:		Devor	1				Progran	: UST/PS	T PRP	Brow	nfields RRC	uperfund		
ddress:	209 W McKay S	St			Address:								State of							
ity, State ZIP:	Carlsbad, NM 8	8220			City, Stat	e ZIP:							Reporting:Level II  Level III  PST/UST  TRRP  Level IV							
Phone:	432-701-2159			Email	esessun	ns@ntgl	obal.con	1					Delivera	Deliverables: EDD ☐ ADaPT ☐ Other:						
roject Name:	Gau	icho Unit #01	7H	Tur	n Around					-	ANA	ALYSIS R	EQUEST				Preservative	e Codes		
roject Number:		237780		✓ Routine	Rush		Pres. Code											DI Water: H <sub>2</sub> C		
Project Location		Lea Co, NM		Due Date:														MeOH: Me		
Sampler's Name:	Dm	itry Niakanor	ov	TAT starts the	day receive	d by the			MRO)								Internation property	HNO <sub>3</sub> : HN		
PO #:		21199611		lab, if reco			eived by 4:30pm		ပ္		+								And decision and the first	NaOH: Na
SAMPLE RECEI	PT Tem	p Blank:	Yes No	Wet Ice:	Yes	y <sub>0</sub>	Parameters	<u>m</u>	DRO	4500							H <sub>3</sub> PO <sub>4</sub> . HP			
Received Intact: Cooler Custody Seals:	Ye	S) No	Thermometer	ID:			ıraıı	8021B	+	le 45		1 1				9	NaHSO <sub>4</sub> NABIS			
Cooler Custody Seal	s: Yes	No N/A	Correction Fac	ctor:			a a	втех	GRO	Chloride		3 1		1		НОГР	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub>			
Sample Custody Sea	als: Yes	No N/A	Temperature F	Reading:	4			m	8015M (	5		1 1					Zn Acetate+NaOH:	: Zn		
Total Containers:		19	Corrected Ten	perature:					801								NaOH+Ascorbic Ac	cid SAPC		
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH								Sample Cor	mments		
TP-2	7	10/13/2023	11:50	X		Grab	1	Х	Х	Х						11				
TP-2	8	10/13/2023	11:52	Х		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	Х		Grab	1	Х	Х	Х						14				
TP-2	12	10/13/2023	11:58	Х		Grab	1	Х	X	X		7 - 1				15				
TP-3	1	10/13/2023	12:00	Х		Grab	1	Х	X	Х				-		16				
TP-3	2	10/13/2023	12:02	Х		Grab	1	Х	Х	X						17				
TP-3	3	10/13/2023	12:04	X		Grab	1	Х	Х	X						18				
TP-3	4	10/13/2023	12:06	Х		Grab	1	Х	X	Х				2 (24)		19				
																,				
Additi	onal Comments	i																		
Additi	onal Comments	); 																		

Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Date/Time Page 332 of 663 MUSSO

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.

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Revised Date 05012020 Rev. 2020 1

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		Work Order ID:	E310112
Phone:	(281) 872-9300	Date Logged In:	10/16/23 14			Logged In By:	Caitlin Mars
Email:	esessums@ntglobal.com	Due Date:		::00 (4 day TAT)		Logged III By.	Cattim Mais
Dinaii.		Due Duic.	10/25/25 17	.00 (1 44)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location mat	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	_			
5. Were a	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in					Comment	s/Resolution
Cample T	i.e, 15 minute hold time, are not included in this disucssic urn Around Time (TAT)	on.		ı			5/1105014H011
	COC indicate standard TAT, or Expedited TAT?		Yes		SRC ema	il not sent per	client request.
	•		103			1	1
Sample C	cample cooler received?		Yes				
	was cooler received in good condition?		Yes				
•	e sample(s) received intact, i.e., not broken?						
	* * * *		Yes				
	custody/security seals present?		No				
•	were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are		Yes				
	minutes of sampling	e received w/r 13					
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C	Container	_					
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	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	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	•			
	ollectors name?		Yes				
	<u>Preservation</u> the COC or field labels indicate the samples were pr	recerved?	No				
	ample(s) correctly preserved?	reserveu:					
	filteration required and/or requested for dissolved n	netals?	NA No				
	i i	1000101	110				
	se Sample Matrix the sample have more than one phase, i.e., multipha	99°	NT-				
	, does the COC specify which phase(s) is to be analy		No				
		yzeu:	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborato	•	No				
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA S	Subcontract Lab	: na		
Client Ir	<u>istruction</u>						

Date

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



January 31, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 01/26/23 16:24.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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. Keene

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:
 01/26/2023

 Reported:
 01/31/2023

 Sampling Date:
 01/26/2023

 Sampling Type:
 Soil

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 1 (1') (H230392-01)

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	01/28/2023	ND	1.88	93.9	2.00	2.57	
Toluene*	<0.050	0.050	01/28/2023	ND	2.10	105	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.08	104	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.47	108	6.00	2.67	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	129	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	234	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	53.7	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 1 (2') (H230392-02)

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	01/28/2023	ND	1.88	93.9	2.00	2.57	
Toluene*	<0.050	0.050	01/28/2023	ND	2.10	105	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.08	104	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.47	108	6.00	2.67	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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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: 01/26/2023 Reported:

01/31/2023 GAUCHO UNIT 30 CTB 1

Project Name: Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: TP - 1 (3') (H230392-03)

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	01/28/2023	ND	1.88	93.9	2.00	2.57	
Toluene*	<0.050	0.050	01/28/2023	ND	2.10	105	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.08	104	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.47	108	6.00	2.67	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	107 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 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: 01/26/2023 Reported:

01/31/2023 GAUCHO UNIT 30 CTB 1

Project Name: Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: TP - 1 (4') (H230392-04)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	27.9	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	99.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 1 (5') (H230392-05)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (1') (H230392-06)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/30/2023	ND	218	109	200	0.666	
DRO >C10-C28*	430	10.0	01/30/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	83.3	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	84.0	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (2') (H230392-07)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (3') (H230392-08)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	153	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	33.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	18						

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#### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (4') (H230392-09)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 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: 01/26/2023 Reported:

01/31/2023 GAUCHO UNIT 30 CTB 1

Project Name: Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: TP - 2 (5') (H230392-10)

BTEX 8021B	mg/	kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	332	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	97.8	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	6 49.1-14	8						

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01/26/2023

Soil

#### Analytical Results For:

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

Received: 01/26/2023 Sampling Date:
Reported: 01/31/2023 Sampling Type:

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (6') (H230392-11)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (7') (H230392-12)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (8') (H230392-13)

RTFY 8021R

B1EX 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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (9') (H230392-14)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	48.9	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 2 (10') (H230392-15)

BTEX 8021B

DIEX GOZID	1119/	<u>ka</u>	Allulyzo	.u by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13-	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13-	4						
Surrogate: 1-Chlorooctadecane	99.7	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 3 (1') (H230392-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	138 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	4480	10.0	01/28/2023	ND	185	92.7	200	1.60	QM-07
EXT DRO >C28-C36	1160	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139 9	% 49.1-14	8						

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C-04



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#### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 3 (2') (H230392-17)

RTFY 8021R

B1EX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: JH/					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	171	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	01/30/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	31.5	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	2010	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	428	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	163	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 3 (3') (H230392-18)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	133	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	999	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	232	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135	% 49.1-14	8						

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Shalyn Rodriguez

#### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil
Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730 Sample Received By:

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 3 (4') (H230392-19)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	01/30/2023	ND	416	104	400	3.92	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	328	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	89.4	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 3 (5') (H230392-20)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	S-04
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	S-04
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	S-04
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	S-04
Total BTEX	<0.300	0.300	01/28/2023	ND					S-04
Surrogate: 4-Bromofluorobenzene (PID	156	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	01/30/2023	ND	416	104	400	3.92	
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*	40.6	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	2660	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	534	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 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: 01/26/2023 Reported: 01/31/2023

236730

Project Name: GAUCHO UNIT 30 CTB 1

Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 (6') (H230392-21)

Project Number:

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	138	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	01/30/2023	ND	416	104	400	3.77	QM-07
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*	11.8	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	488	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	116	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 3 (7') (H230392-22)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	150	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	33.7	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Shalyn Rodriguez

#### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil
Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730 Sample Received By:

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 3 (8') (H230392-23)

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	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

#### Sample ID: TP - 3 (9') (H230392-24)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	49.9	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	97.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 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: 01/26/2023

01/31/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Shalyn Rodriguez

#### Sample ID: TP - 3 (10') (H230392-25)

Reported:

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Analyzed By: JH/

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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: 01/26/2023 Reported: 01/31/2023

01/31/2023 GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO
Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: TP - 4 (1') (H230392-26)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	01/30/2023	ND	416	104	400	3.77	
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*	22.6	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	3530	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	691	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	18						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

## Sample ID: TP - 4 (2') (H230392-27)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	< 0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	938	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	218	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



### Analytical Results For:

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

Received: 01/26/2023 Reported: 01/31/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

## Sample ID: TP - 4 (3') (H230392-28)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	655	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	155	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

## Sample ID: TP - 4 (4') (H230392-29)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	28.5	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

## Sample ID: TP - 4 (5') (H230392-30)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	< 0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1790	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	1990	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	544	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 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: 01/26/2023 Reported: 01/31/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

## Sample ID: TP - 4 (6') (H230392-31)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	99.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

## Sample ID: TP - 4 (7') (H230392-32)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	< 0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	114	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	28.9	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 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: 01/26/2023

Project Name: GAUCHO UNIT 30 CTB 1

01/31/2023

Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: TP - 4 (8') (H230392-33)

Reported:

RTFY 8021R

BIEX 8021B	mg	<sup>и</sup> кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	72.4	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	19.6	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

Analyzed By: 1H /

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### Analytical Results For:

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

Received: 01/26/2023 Reported: 01/31/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

## Sample ID: TP - 4 (9') (H230392-34)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.050 <0.150	Reporting Limit  0.050  0.050  0.050	Analyzed 01/30/2023 01/30/2023	Method Blank ND ND	BS 2.04	% Recovery	True Value QC 2.00	RPD 10.2	Qualifier
<0.050 <0.050	0.050	, ,		2.04	102	2.00	10.2	
<0.050		01/30/2023	ND					
	0.050		ND	2.10	105	2.00	10.4	
<0.150	0.000	01/30/2023	ND	2.09	104	2.00	10.4	
	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
<0.300	0.300	01/30/2023	ND					
104	% 71.5-13	4						
mg	/kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
80.0	16.0	01/30/2023	ND	416	104	400	3.77	
mg	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
<10.0	10.0	01/28/2023	ND					
103	% 48.2-13	4						
	Result  80.0  mg  Result  <10.0  <10.0	mg/kg  Result Reporting Limit  80.0 16.0 mg/kg  Result Reporting Limit  <10.0 10.0  <10.0 10.0	mg/kg       Analyzed         Result       Reporting Limit       Analyzed         80.0       16.0       01/30/2023         mg/kg       Analyzed         Result       Reporting Limit       Analyzed         <10.0	mg / bg       Analyzed By: GM         Result       Reporting Limit       Analyzed       Method Blank         80.0       16.0       01/30/2023       ND         mg / bg       Analyzed       Method Blank         Result       Reporting Limit       Analyzed       Method Blank         <10.0	mg/kg       Analyzed By: GM         Result       Reporting Limit       Analyzed       Method Blank       BS         80.0       16.0       01/30/2023       ND       416         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS         <10.0	mg/kg       Analyzed By: GM         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery         80.0       16.0       01/30/2023       ND       416       104         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery         <10.0	mg/kg       Analyzed By: GM         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery       True Value QC         80.0       16.0       01/30/2023       ND       416       104       400         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery       True Value QC         <10.0	mg/kg       Analyzed by: 6M         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery       True Value QC       RPD         80.0       16.0       01/30/2023       ND       416       104       400       3.77         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery       True Value QC       RPD         <10.0

Analyzed By: 1H /

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### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

### Sample ID: TP - 4 (10') (H230392-35)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 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:

01/26/2023 Reported: 01/31/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

### Sample ID: TP - 5 (1') (H230392-36)

Received:

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

## Sample ID: TP - 5 (2') (H230392-37)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 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: 01/26/2023

> 01/31/2023 GAUCHO UNIT 30 CTB 1

Project Name:

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: TP - 5 (3') (H230392-38)

Reported:

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	132	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	11.6	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

## Sample ID: TP - 5 (4') (H230392-39)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	54.4	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	18						

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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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

## Sample ID: TP - 5 (5') (H230392-40)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.77	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

### Sample ID: TP - 6 (1') (H230392-41)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

## Sample ID: TP - 6 (2') (H230392-42)

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	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	< 0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	14						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	18						

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### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

## Sample ID: TP - 6 (3') (H230392-43)

BTEX 8021B	mg/	'kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

### Sample ID: TP - 6 (4') (H230392-44)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	101 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

## Sample ID: TP - 6 (5') (H230392-45)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

## Sample ID: TP - 7 (1') (H230392-46)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	ND	432	108	400	0.00	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	99.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

## Sample ID: TP - 7 (2') (H230392-47)

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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01/26/2023

Cool & Intact

Shalyn Rodriguez

Soil

### Analytical Results For:

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

Received: 01/26/2023

01/26/2023 Sampling Date: 01/31/2023 Sampling Type:

Sampling Condition:

Sample Received By:

Project Name: GAUCHO UNIT 30 CTB 1
Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sample ID: TP - 7 (3') (H230392-48)

Reported:

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 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:

Applyzod By: 14

Received: 01/26/2023 Reported: 01/31/2023

01/31/2023 GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023

Sampling Type: Soil Sampling Condition: Cool

Sample Received By:

Cool & Intact Shalyn Rodriguez

# Sample ID: TP - 7 (4') (H230392-49)

RTFY 8021R

B1EX 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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	99.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

## Sample ID: TP - 7 (5') (H230392-50)

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	< 0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	ND	432	108	400	0.00	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

## Sample ID: H - 1 (0-6") (H230392-51)

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00	
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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	13.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 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: 01/26/2023 Reported: 01/31/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: H - 2 (0-6") (H230392-52)

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/30/2023	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	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

### Sample ID: H - 3 (0-6") (H230392-53)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00	
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	01/28/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 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:

Applyzod By: 14

Received: 01/26/2023

01/31/2023

GAUCHO UNIT 30 CTB 1

Project Number: 236730

Reported:

RTFY 8021R

Project Name:

Project Location: DEVON - LEA CO., NM Sampling Date: 01/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

### Sample ID: H - 4 (0-6") (H230392-54)

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00	
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	01/28/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

### Sample ID: H - 5 (0-6") (H230392-55)

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	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	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	01/28/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

### Sample ID: H - 6 (0-6") (H230392-56)

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	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	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	01/27/2023	ND	190	95.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	185	92.7	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 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: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NM

## Sample ID: H - 7 (0-6") (H230392-57)

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	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	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	01/27/2023	ND	190	95.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	185	92.7	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keene



### Analytical Results For:

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

Received: 01/26/2023 Sampling Date: 01/26/2023

Reported: 01/31/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

# Sample ID: H - 8 (0-6") (H230392-58)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00	
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	01/27/2023	ND	190	95.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	185	92.7	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

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### **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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

ecovery.

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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Celey D. Keene



Manager   Elhan Sessums			4 2	1/00/4	1-210-33	9	Align Congrature	Receive	8	Signature)	Relinguished by:
Washington   Ethan Sessums   Washing Names   Octorgany Names	(Signature) Date/Time			Time	Date		La (Clanatura)		and the state of t	and the cu section and	Of Aerico. A millimitaria
Manager:   Ethan Sessums   Ellitan Sessums   Manager:   Ethan Sessums   More   More		terms and conditions ces beyond the control ously negotiated.	subcontractors. It assigns standard if such losses are due to circumstar e terms will be enforced unless prev	, its affiliates and a urred by the client ot analyzed. These	pany to Xenco expenses incu o Xenco, but no	der from client com y for any losses or sample submitted t	a valid purchase or ssume any responsibili	nples constitued and shall not a	nquishment of sar cost of samples a	s document and reli be liable only for the	Notice: Signature of the of Service. Xenco will
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Manager   Ethan Sessums   Bill to: if attieved   Weetley Mathews   Weetley Mathews   Program: USTPST   PRP   Invanified to RRC				1111	1	-	-		-	(51)	2-91
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Manager:   Ethan Sessums	_			-	-	Grah	-		1.74.72	3	70 -
Wesley Mathews   Work Order Comments   Wesley Mathews	Sample Comment			TF	# of	Grab/ Comp		Time	Date	ntification	Sample Ide
Manager:         Ethan Sessums         Bill to: (d afferent)         Wesley Mathews         Wesley Mathews         Wesley Mathews         Work Order Comments           s:         402 E Wood Ave         Company Name:         Devon Energy         402 E Wood Ave         Address:         6488 Seven Rivers Highway         Program: UST/PST □ PRP □ Brownfields □ Rxc           state ZIP:         Carlsbad, NM 88220         Email: Wesley Mathews@dvn.com         Artesia, NM 88210         Program: UST/PST □ PRP □ Brownfields □ Rxc           Name:         CALCha □ Ni - 30 C7[5] I         Turn Around         Pres.         Antesia, NM 88210         Preservati           Number:         C3C 73 0         Due Date:         □ Rush         Pres.         ANALYSIS REQUEST         Preservati           Location         Antesia, NM 88210         Deliverables: EDD         ADaPT □ Other:         Cool: Cool           Location         Antesia, NM 88210         Preservati         HcC: HC         HcC: HC           Location         Antesia, NM 88210         Preservati         Preservati           Location         Antesia, NM 88210         Preservati         Preservati           Location         Antesia, NM 88210         Preservati         Preservati           Location         Antesia, NM 88210         Preservati         HcC: HC <td></td> <td></td> <td></td> <td>PH 80</td> <td></td> <td>7.4</td> <td>i</td> <td>Corrected</td> <td></td> <td></td> <td>Total Containers:</td>				PH 80		7.4	i	Corrected			Total Containers:
Manager:     Ethan Sessums     Bill to: (d different)     Wesley Mathews       ny Name:     NTG Environmental     Company Name:     Devon Energy     Program: UST/PST □PRP □Prownfields □RRC       s:     402 E Wood Ave     Address:     6488 Seven Rivers Highway     Program: UST/PST □PRP □Prownfields □RRC       state of Project:     City, State ZIP:     Artesia, NM 88210     Reporting.Level III □Level III □Level III □Level III □Proproject:       Name:     COULC Ac □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	NaOH+Ascorbic Acid: SAP			_		~	ure Reading:	Temperat			Sample Custody Se
Manager:     Ethan Sessums     Bill to: (if different)     Wesley Mathews     Work Order Comments       ny Name:     NTG Environmental     Company Name:     Devon Energy     Devon Energy     Program: UST/PST □PRP □Srownfields □RrC       state of Project:     State of Project:     State of Project:     Program: UST/PST □PRP □Srownfields □RRP       state of Project:     State of Project:     Program: UST/PST □PRP □Srownfields □RRP       Name:     Coul.ch □ I/n ← 30 CT/S   I     Turn Around     Pres.     Analysis REQUEST     Preservati       Number:     Total starts the day received by 4:30pm     Pres.     Analysis REQUEST     None: NO       Location     Location     Location I/n ← Swith     Pres.     Pres.     Pres.       Location     Tamp Blank:     Yess No     Wet Ice: 「Yes No     Thermometer ID: III III III III III III III III III	Zn Acetate+NaOH: Zn					200	1	Correction	1		Cooler Custody Sea
Manager.     Ethan Sessums     Bill to: (# different)     Wesley Mathews     Work Order Comments       ny, Name:     NTG Environmental     Company Name:     Devon Energy     Devon Energy     NTG Environmental     State of Project:       s:     402 E Wood Ave     Address:     6488 Seven Rivers Highway     Frogram: UST/PST □PRP □ Strownfields □RRC       state of Project:     254-266-5456     Email: Wesley, Mathews @dvin.com     Antesia, NM 88210     Program: UST/PST □PRP □ Strownfields □RRC       Name:     Colu.Cha □ Ni ← 30 C/13   Turn Around     Turn Around     Analysis REQUEST     Preservati       Location     Col. U.M     Due Date:     Reporting: Level III □Level III □Level III □Level III □PST/UST □RRP       Location     Col. Col. U.M     Due Date:     Reporting: Level III □PST/UST □RRP       H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>2</sub> PO <sub>4</sub> : H <sub>2</sub> H <sub>2</sub> PO <sub>4</sub> : H <sub>2</sub> Name:     Name:     Name:								Thermome	z		Received Intact:
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Zn Acetale+NaOH: Zn			1 ( G	F	000	Correction Factor:	NA	Yes	Cooler Custody Seals:
Na.S.O. NaSO.	ног		RO	Para	113	Thermometer ID:	No	Yes	Received Intact:
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ervativ		ANALYSIS REQUEST		0	Turn Around	-	Jn:+ 30 CT8	Charcho 1	roject Name:
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Page 62 of	Work Order No.							ENVIRONMENTAL	
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than Sessums    Carmon   Company Name:   Company Name:   Company Name:   Company Name:   Code			n 4.				Parado	terre	0		3 /6
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Manager   Ethan Sessums   Ethan Sessums   Ethan Sessums   Ethan Sessums   Ethan Sessums   Manager   Ethan Sessums   Ethan Se				M ( G		196	ctor: ~O	Correction Fa	1	Yes	Cooler Custody Seals:
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Ethan Sessums   Bill to:  if afficient)   Wesley Mathews   Page   S	Ÿ.			)			e Date:	Du	-	la Ca	roject Location
ENVIRONMENTAL    Page   State of Project:   Carlsbad, NM 88220   City, State ZIP:   Artasia, NM 88210   Compail; Wesley, Mathews@dvn.com   ANALYSIS REQUEST   Preservati					Code			1	30	2367	oject Number:
Ethan Sessums  Manager: Ethan Sessums  MTG Environmental  Company Name: NTG Environmental  Carlsbad, NM 88220  Carlsbad, NM 88220  Carlsbad, NM 88220  Email: Wesley.Mathews@dvn.com  Wesley Mathews  Wesley Mathews  Wesley Mathews  Wesley Mathews  Wesley Mathews  Wesley Mathews  Program: UST/PST   PRP   Brownfields   PRC   State of Project:  Reporting:Level III   Level III   PST/UST   TRRP   Deliverables: EDD   ADaPT   Other.	ervati	ST					Turn Around	18		2	oiect Name:
ENVIRONMENTAL    Page   State of Project:   Carlsbad, NM 88220   City, State ZIP:   Artesia, NM 88210   Carlsbad, NM 88220   City, State ZIP:   Artesia, NM 88210   City State City	11	iverables: EDD []	Del		dvn.com	.Mathews@	Email: Wesley			254-266-5456	Phone:
ENVIRONMENTAL  Page 3  ENVIRONMENTAL  Page 3  Ethan Sessums In Genvironmental Company Name: Devon Energy  Address: 6488 Seven Rivers Highway  Devon Energy  Royard Program: UST/PST   PRP   Brownfields   PRC   State of Project:   Company Name   Com	Other	porting:Level II   Level III	Rep	sia, NM 88210	Arte	te ZIP:	City, Sta		8220	Carlsbad, NM 88	ty, State ZIP:
Work Order No: 1230 2  ENVIRONMENTAL  Bill to: (if different) Wesley Mathews  Page 3  Work Order Comments  Program: UST/PST \[ \text{PRP} \[ \text{Brownfields} \]  NTG Environmental \[ \text{Company Name:} \]  Devon Energy	Trans	te of Project:		8 Seven Rivers H	6488		Address		œ.	402 E Wood Ave	idress:
Ethan Sessums  Bill to: (If different) Wesley Mathews  Work Order Comments  Work Order Comments		gram: UST/PST   PRP	Pro	on Energy	Devo	y Name:	Compan		ntal	NTG Environme	
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	Additional Comments:  Additional Comments:	Additional Comments:  Additional Comments:  Additional Comments:  Additional Comment and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors.  Additional Comment and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors.  A relication of this document and relinquishment of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses a 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	company to a	e order from client ibility for any losse ach sample submit	itutes a valid purchas assume any respond d a charge of \$5 for e	mples consti	quishment of sa ost of samples a e applied to eac	Additional Comments:  To fithis document and relinquice will be liable only for the cost owill be liable only for the cost own charge of \$85.00 will be:	Additi
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Sample Comments		TP	# of	Water Comp	Soil	Time	Date	itification	Sample Identification
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NaOH+Ascorbic Acid: SAPC		15N		-1.X.	Temperature Reading:	Tempera	NA NA	Yes	Sample Custody Seals:
_		( G	P	-0.00	Correction Factor:	Correction	N/A	Yes	Cooler Custody Seals:
HOLI NATIOU			arai	113	neter ID:	Thermometer ID:	No		Received Intact:
			mete	(Yes No	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT
H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na		O + M	ers	lab, if received by 4:30pm	lab, if receiv		1485	2110	PO#
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Preservati	ANALYSIS REQUEST			Turn Around	Turn.	(187	h. + 30		piect Name:
Deliverables: EDD L. Abari L. Curai.		mom	vs@dvn.ca	Email: Wesley.Mathews@dvn.com	Email: \			254-266-5456	Phone:
Trevel III Calloat Diver	2 2	Artesia, NM 88210		City, State ZIP:	0		8220	Carlsbad, NM 88220	City, State ZIP:
State of Project:		6488 Seven Rivers Highway		Address:	1		Œ	402 E Wood Ave	Address:
Program: UST/PST PRP Brownfields RRC Defruing From Control of Cont	Pr	Devon Energy		Company Name:	0		ental	NTG Environmental	Company Name:
		Wesley Mathews		Bill to: (if different)	m			Ethan Sessums	Project Manager:
Page 4 of 6							_	ENVIRONMENTA	
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Reporting:Level II Level III LPST/UST LRRP Level IV LI	State of Project:	Program: UST/PST   PRP   Brownfields   RRC   uperfund	Work Order Comments	Work Order No: 13393 of 6

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Manager   Entan Sessums	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	ate/Time	0	re)	ceived by: (Signatu	Re	Signature)	
Managar:   Ethan Sessums		nd conditions and the control gotiated.	subcontractors. It assigns standard ferms a f such losses are due to circumstances beyon terms will be enforced unless previously ne	anco, its affiliates and s incurred by the client it out not analyzed. These	ompany to Xe or expenses ed to Xenco, b	e order from client o bility for any losses ich sample submitte	onstitutes a valid purchas I not assume any respons It and a charge of \$5 for ea	ant of samples c amples and sha ad to each proje	ument and relinquishme lie only for the cost of se of \$85.00 will be applie	Notice: Signature of this doc of service. Xenco will be list of Xenco. A minimum charg
Manager   Ethan Sessums									I Comments:	Additiona
Manager:   Ethan Sessums   Ethan Sessums   Company Name:   C		20					7	-	(5')	70-7
Manager   Ethan Sessums   Ethan Sessums   Manager   Ethan Sessums   Manager   Ethan Sessums   Manager   Company Name:   College Seven Rivers Highway									(1)	70,7
Manager:   Ethan Sessums   Ethan Sessums   Ethan Sessums   Company Name:   C		XII							(3)	10-7
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Manager         Ethan Sessums         Bill to: (d afflewer)         Wesley Marhews         Preservative Coders           8tb ZIP:         Carlsbad. NM 88220         Email: Wesley Mathews B8210         Address:         6488 Seven Rivers Highway         Program: UST/PST □ PRP □ Brownfields □ RRC □ Upperfund           Name:         Carlsbad. NM 88220         Email: Wesley Mathews B8210         Aresia, NM 88210         State of Project:         Reporting Level III □ Level III □ Devel IV         Reporting Level III □ Devel IV         Preservative Coders           Name:         Carlsbad. NM 88220         Email: Wesley Mathews Bddvn.com         Aval. YSIS REQUEST         Preservative Coders         Reporting Level III □ Level III □ Devel IV         Reporting Level III □ Devel IV         Name: Name		עס						-	ر	6
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Manager: Ethan Sessums   Bill to: (if different)   Wesley Mathews   Program: UST/PST   PRP   Brownfields   RRC   Deportund   Preservative Codes   N/1	ole Comments	Samp		ТР	# of Cont					Sample Identifi
Wanager: Ethan Sessums   Bill to: (fedifierent)   Westley Mathews   Work Order Comments				Н 8		32.0	rected l'emperature:	Con		Total Containers:
Manager: Ethan Sessums   Bill to: (if different)   Westery Mathews   Work Order Comments	orbic Acid: SAPC	NaOH+Asco		015N		11.4	perature Reading:		(No	Sample Custody Seals:
Manager:     Ethan Sessums     Bill to: (if different)     Wesley Mathews     Wesley Mathews     Work Order Comments       g:     402 E Wood Ave     Address:     6488 Seven Rivers Highway     Program: UST/PST □PRP □ Brownfields □RRC □uperfund       g:     402 E Wood Ave     Carlsbad, NM 88220     City, State ZIP:     Artesia, NM 88210     State of Project:       g:     254-266-5456     Email: Wesley Mathews @dvn.com     Preservative Codes       Name:     Carlsbad, NM 88220     Email: Wesley Mathews @dvn.com     Antesia, NM 88210     Program: UST/PST □PRP □ Level III □Level III □Level III □Level III □Level III □Level III □Level III □PRP □ Level III □Level III □Level III □Level III □Level III □PRP □ Level III □PRP □ Level III □Level III □PRP □ Level III □PRPP □ Level III □PRPPP □ Level III □PRPP □ Level III □PRPP □ Level III □PRPPP □ Level III □PRPP □ Level III □PRPPP	NaOH: Zn	_		1 ( G	P	2,0.0	rection Factor:		Nd	Cooler Custody Seals:
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Manager:     Ethan Sessums     Bill to: (# afferent)     Wesley Mathews     Wesley Mathews     Work Order Comments       ty Name:     NTG Environmental     Company Name:     Devon Energy     Program: UST/PST □PRP □Brownfields □RRC □Uperfund       state of Project:     State of Project:     Reporting: Level III □Level III	ADIO .			DR	met		No		Temp Blan	SAMPLE RECEIPT
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Manager:     Ethan Sessums     Bill to: (rd afferent)     Wesley Mathews     Wesley Mathews     Wesley Mathews     Work Order Comments       ny Name:     NTG Environmental     Company Name:     Devon Energy     Program: UST/PST   PRP   Brownfields   RRC   Duperfund State of Project:     Program: UST/PST   PRP   Brownfields   RRC   Duperfund State of Project:       state ZIP:     Carlsbad, NM 88220     Email: Wesley Mathews (@dvn.com     Arlesia, NM 88210     Reporting: Level III   Level III   Dapt   Duperfund State of Project:       Name:     Cal. Lo   M. F 3d Cr3 I     Tum Around     Email: Wesley Mathews (@dvn.com       Number:     Cal. Lo   M. F 3d Cr3 I     Tum Around     Pres: None: NO DI Water: H. Codes       Number:     Cal. Lo   Mathews     Due Date:   Rush     Due Date:   Rac   Dapt   Da	HNO3: HN	HCL:HC		MRO		ay received by the	TAT starts the d	*	Killow Smis	Sampler's Name:
Manager:     Ethan Sessums     Bill to: (if different)     Wesley Mathews     Wesley Mathews     Work Order Comments       ny Name:     NTG Environmental     Company Name:     Devon Energy     Program: UST/PST □ PRP □ Rownfields □ RRC □ uperfund     □ Uperfund       state ZIP:     Carlsbad, NM 88220     City, State ZIP:     Antesia, NM 88210     Program: UST/PST □ PRP □ Rrownfields □ RRC □ uperfund     □ Uperfund       Name:     254-266-5456     Email: Wesley Mathews@dvn.com     Antesia, NM 88210     Preservative Codes       Name:     Cal Lbo M; 1 30 Cl3 I     Turn Around     Pres. Code     ANALYSIS REQUEST     Preservative Codes       Name:     Cal Lbo M; 1 30 Cl3 I     Turn Around     Pres. Code     ANALYSIS REQUEST     None: NO     DI Water: H.	MeOH: Me	Cool: Cool		)			Due Date:	3		Project Location
Manager:     Ethan Sessums     Bill to: (if different)     Wesley Mathews     Wesley Mathews     Work Order Comments       ry Name:     NTG Environmental     Company Name:     Devon Energy     Program: UST/PST □ PRP □ Rrownfields □ RRC □ uperfund     □ uperfund       state zip:     Carlsbad, NM 88220     City, State zip:     Artesia, NM 88210     Reporting: Level III □ Diher:     Preservative Codes       Name:     Carlsbad, NM 86210     Email: Wesley Mathews@dvn.com     ANALYSIS REQUEST     Preservative Codes	DI Water: H <sub>2</sub> C	None: NO			Code	Rush	Routine		25	77
Manager:     Ethan Sessums     Bill to: (if different)     Wesley Mathews       ny Name:     NTG Environmental     Company Name:     Devon Energy       ny Name:     402 E Wood Ave     Address:     6488 Seven Rivers Highway       ste ZIP:     Carlsbad, NM 88220     City, State ZIP:     Artesia, NM 88210       254-266-5456     Email:     Wesley Mathews@dvn.com    Wesley Mathews  ### Deliverables: EDD   ADaPT   Other:    ### Work Order Comments  ### Program: UST/PST   PRP   Brownfields   RRC   Uperfund   State of Project:  ### Reporting: Level III   Level III   Level III   Deliverables: EDD   ADaPT   Other:	rvative Codes	Prese	ANALYSIS REQUEST			Around	1		auto Mit	Name:
### Ethan Sessums  ### Ethan Sessums  ### Bill to: (# different)	e	ADAPI	Deliver	m	s@dvn.co	Vesley.Mathew			4-266-5456	
Ethan Sessums  Bill to: (if different)  Wesley Mathews  NTG Environmental  Company Name:  Devon Energy  Program: UST/PST   PRP   Brownfields   RRC     Quperfund   State of Project:		Level III LP31/U31	Report	Intesia, NM 88210	A	ity, State ZIP:	0		rlsbad, NM 88220	
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	It assigns standard terms and conditions to due to circumstances beyond the control inforced unless previously negotiated.		, its affiliates and s irred by the client i ot analyzed. These	pany to Xenco, expenses incu o Xenco, but no	from client com or any losses or ople submitted to	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors.  Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. 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 a 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 a	ples constitutes d shall not assu project and a cl	quishment of sam ost of samples an	document and reline s liable only for the co	lotice: Signature of this f service. Xenco will but Xenco. A minimum c
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Sample Comments			TP	# of Cont	Grab/ Comp	Soil Water	Time	Date	tification	Sample Identification
Machinatoria none con co			H 80		fr	emperature: -2	Corrected Temperature:	(		Total Containers:
Zn Acetate+NaOH: Zn				В	8.	Reading: - 1	Temperature Reading:		Yes	Sample Custody Seals:
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NaHSO4: NABIS			0 + de 4	aran 802			316	No		Received Intact:
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~			O + MF	rs	30pm	lab, if received by 4:30pm		Sylva	2118	Sampler's Name:
HCL: HC HNO <sub>3</sub> : HN			(0)			Due Date:	D	NA	100 60	Project Location
				Code		Routine   Rush	-	30	2.952.	Project Number:
Preservative Codes	JEST	ANALYSIS REQUEST		Pres.		Turn Around	180	W.Y 30	Caycho	Project Name:
11	Deliverables, EDD L			dvn.com	.Mathews@	Email: Wesley.Mathews@dvn.com			254-266-5456	
Other	Reporting: Level III Level III Level III Level III		Artesia, NM 88210	Artes	ate ZIP:	City, State ZIP.		8220	Carlsbad, NM 88220	City, State ZIP:
BETHET TERP   Level IV	State of Project:		6488 Seven Rivers Highway	6488	23	Address:		е	402 E Wood Ave	
Program: UST/PST PRP Brownfields RRC uperfund	Program: UST/PST		Devon Energy	Devo	Company Name:	Compa		ental	NTG Environmental	
	٧		Wesley Mathews	Wesh	Bill to: (if different)	Bill to: (			Ethan Sessums	Project Manager:
Page 6 of 6									ENVIRONMENTA	
Work Order No: 1050 570	Work								T C	
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June 27, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 06/22/23 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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)

Wite Sough

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,

Mike Snyder For 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: 06/22/2023 Reported: 06/27/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 06/21/2023

Sampling Type: Soil

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

# Sample ID: H - 1 (0') (H233245-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	176	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	24.4	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	21.7	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

Applymed By MC

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mile Sough



Tamara Oldaker

Sample Received By:

### Analytical Results For:

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

Received: 06/22/2023 Sampling Date: 06/21/2023 Reported: 06/27/2023 Sampling Type: Soil

Reported: 06/27/2023 Sampling Type: Soil
Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730

Project Location: DEVON - LEA CO., NM

### Sample ID: H - 2 (0') (H233245-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 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	64.0	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	15.1	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 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: 06/22/2023 Sampling Date: 06/21/2023

Reported: 06/27/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: H - 3 (0') (H233245-03)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	368	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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Sample Received By:

06/21/2023

Tamara Oldaker

### Analytical Results For:

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

Received: 06/22/2023 Sampling Date:
Reported: 06/27/2023 Sampling Type:

Reported: 06/27/2023 Sampling Type: Soil
Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730

Project Location: DEVON - LEA CO., NM

### Sample ID: H - 4 (0') (H233245-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	896	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	20.1	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 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: 06/22/2023 Sampling Date: 06/21/2023

Reported: 06/27/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: H - 5 (0') (H233245-05)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	464	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 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: 06/22/2023 Sampling Date: 06/21/2023

Reported: 06/27/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: H - 6 (0') (H233245-06)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	< 0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	400	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	10.3	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.9	% 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: 06/22/2023 Sampling Date: 06/21/2023

Reported: 06/27/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

# Sample ID: S - 1 (0-0.5') (H233245-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	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	1140	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.8	% 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: 06/22/2023 Sampling Date: 06/21/2023

Reported: 06/27/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: S - 1 (1-1.5') (H233245-08)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	4800	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 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:

Applyzod By: MC

Received: 06/22/2023 Reported: 06/27/2023

GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 06/22/2023

Sampling Type: Soil

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

# Sample ID: S - 1 (2-2.5') (H233245-09)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	3920	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.0	% 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: 06/22/2023 Sampling Date: 06/22/2023

Reported: 06/27/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 1 (3-3.5') (H233245-10)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	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	1760	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.8	% 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:

Applyzod By: MC

Received: 06/22/2023 Reported: 06/27/2023

GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 06/22/2023

Sampling Type: Soil

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

# Sample ID: S - 1 (4-4.5') (H233245-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	2160	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

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

Received: 06/22/2023 Reported: 06/27/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM

mg/kg

Sampling Date: 06/21/2023

Sampling Type: Soil

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

# Sample ID: S - 2 (0-0.5') (H233245-12)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	11700	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	97.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Analyzed By: MS

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### Analytical Results For:

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

Applyzod By: MC

Received: 06/22/2023 Reported: 06/27/2023

GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 06/21/2023

Sampling Type: Soil

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

# Sample ID: S - 2 (1-1.5') (H233245-13)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	2600	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	8						

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Sample Received By:

06/22/2023

Tamara Oldaker

### Analytical Results For:

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

Received: 06/22/2023 Sampling Date:

Reported: 06/27/2023 Sampling Type: Soil
Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 2 (2-2.5') (H233245-14)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	3520	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	98.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	18						

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### Analytical Results For:

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

Received: 06/22/2023 Reported: 06/27/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 06/22/2023

Sampling Type: Soil

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

# Sample ID: S - 2 (3-3.5') (H233245-15)

BTEX 8021B	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	3720	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 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: 06/22/2023 Sampling Date: 06/22/2023

Reported: 06/27/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 2 (4-4.5') (H233245-16)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	5760	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Tamara Oldaker

Sample Received By:

### Analytical Results For:

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

Received: 06/22/2023 Sampling Date: 06/21/2023

Reported: 06/27/2023 Sampling Type: Soil Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 3 (0-0.5') (H233245-17)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 5	% 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	9440	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 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: 06/22/2023 Sampling Date: 06/21/2023

Reported: 06/27/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 3 (1-1.5') (H233245-18)

BTEX 8021B

DILX GOZID	iiig/	, kg	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.03	101	2.00	4.97	
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 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	400	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 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: 06/22/2023 Reported: 06/27/2023

GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 06/22/2023

Sampling Type: Soil

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

# Sample ID: S - 3 (2-2.5') (H233245-19)

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	06/23/2023	ND	2.03	101	2.00	4.97	
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 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	320	16.0	06/23/2023	ND	416	104	400	3.77	
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	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	90.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

Analyzed By: 1H /

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

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

Received: 06/22/2023 Sampling Date: 06/22/2023

Reported: 06/27/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 3 (3-3.5') (H233245-20)

RTFY 8021R

B1EX 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	06/23/2023	ND	2.03	101	2.00	4.97	
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02	
Total BTEX	<0.300	0.300	06/23/2023	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	320	16.0	06/23/2023	ND	432	108	400	3.64	
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	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 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: 06/22/2023 Reported: 06/27/2023

06/27/2023 GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 06/22/2023

Sampling Type: Soil

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

# Sample ID: S - 3 (4-4.5') (H233245-21)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.03	101	2.00	4.97	
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 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	496	16.0	06/23/2023	ND	432	108	400	3.64	
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	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	102 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

Analyzed By: 1H /

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### Analytical Results For:

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

Received: 06/22/2023 Sampling Date: 06/22/2023

Reported: 06/27/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 4 (0-0.5') (H233245-22)

RTFY 8021R

ilig/	кg	Апануге	а ву: ЈП/					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	06/23/2023	ND	2.03	101	2.00	4.97	
<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13	
<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68	
<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02	
<0.300	0.300	06/23/2023	ND					
109	% 71.5-13	4						
mg,	'kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16000	16.0	06/23/2023	ND	432	108	400	3.64	
mg,	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	06/23/2023	ND	157	78.3	200	29.2	
<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
<10.0	10.0	06/23/2023	ND					
98.2	% 48.2-13	4						
112 9	% 49.1-14	8						
	Result <0.050 <0.050 <0.050 <0.150 <0.300  109 9  mg/  Result 16000  mg/  Result <10.0 <10.0 <98.2	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 T1.5-13 mg/ky Result Reporting Limit 16.0 mg/ky Result Reporting Limit <a href="#">16.0</a> mg/ky Result Approximately 410.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	Result         Reporting Limit         Analyzed           <0.050	Result         Reporting Limit         Analyzed         Method Blank           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <0.050

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### Analytical Results For:

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

Received: 06/22/2023 Reported: 06/27/2023

06/27/2023 GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 06/22/2023

Sampling Type: Soil

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

### Sample ID: S - 4 (1-1.5') (H233245-23)

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	06/23/2023	ND	2.03	101	2.00	4.97	
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 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	3000	16.0	06/23/2023	ND	432	108	400	3.64	
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	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

Analyzed By: JH/

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### Analytical Results For:

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

Received: 06/22/2023 Sampling Date: 06/22/2023

Reported: 06/27/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 236730

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 4 (2-2.5') (H233245-24)

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	06/23/2023	ND	2.03	101	2.00	4.97	
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 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	640	16.0	06/23/2023	ND	432	108	400	3.64	
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	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Sample Received By:

06/22/2023

Tamara Oldaker

### Analytical Results For:

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

Received: 06/22/2023 Sampling Date:

Reported: 06/27/2023 Sampling Type: Soil
Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 4 (3-3.5') (H233245-25)

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	06/23/2023	ND	2.03	101	2.00	4.97	
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 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	128	16.0	06/23/2023	ND	432	108	400	3.64	
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	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 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:
 06/22/2023
 Sampling Date:
 06/22/2023

 Reported:
 06/27/2023
 Sampling Type:
 Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 4 (4-4.5') (H233245-26)

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	06/23/2023	ND	2.03	101	2.00	4.97	
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02	
Total BTEX	<0.300	0.300	06/23/2023	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	320	16.0	06/23/2023	ND	432	108	400	3.64	
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	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 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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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Rush	Thermometer ID #113 Correction Factor -0.6°C	(Initials)	Cool Intact  Ves Yes  No No	10 00 00 00 00 00 00 00 00 00 00 00 00 0	Observed Temp. °C Corrected Temp. °C	Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Delivere
ly) S	Turnaround Time:	CHECKED BY:	Samuel Condition		Time:		
		Canal L	ed By:	Received By:	Date:	Relinquished By:	Relinqui
of glob	All Results are email		ed by:		Date: 6-22-23	100	Relingui
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		City:	Ω	er:	Project Owner:		Project #:
		Address:			66-5456Fax#:	1/NSW1	Phone #:
	110	Attn: Dale Wood	120	VH Zip: 886	State:	prodeling	City:
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		P.O. #: 2110 SAHI	9.		Sessums	lanager: Pitho	Project Manager:
ANALISIS REGOCO.		BILL TO					Company Name:
ANIAL VEIG DECLIEST				476	(575) 393-2326 FAX (575) 393-2476	(575) 393-232	

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



ı					日本の日本の日本の日本の		25	No	-			
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C    Ves	Bacteria (only) Cool Intact Over Yes	ā	Standard	ime:	Turnaround Time: Thermometer ID #1 Correction Factor -0	CHECKED BY: (Initials)	,	Sample Condition Cool Intact Yes Yes	200	Observed Temp. °C & Corrected Temp. °C & 3	Bus - Other:	Delivered By: (Circle One) Sampler - UPS - Bus - Other:
						(		Received by:	Kecel	Time:	7	Relinquished By:
				*	DEMARKS.	water	WAR	Bullo		3	7	
**	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:	No Ada	Yes No	t: OY	Verbal Result:	1111	Cit Callett in Debota upon	/ed By:	Received By	erformance of services frameworder by Car	g out of or related to the pe	Relinquished By
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		-		1	4		P.O. #:			Coccining	0.12	company Name:
EQUEST	ANALYSIS REQUEST	AN				RILL						Mana.

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Corrected Temp. °C Observed Temp. °C

ふらい

Cool Intact

Yes 3 Yes Sample Condition

> CHECKED BY: (Initials)

> > Turnaround Time:

Standard

Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C

Yes Yes
No Corrected Temp. °C

Corrected Temp. °C

Thermometer ID #113 Correction Factor -0.6°C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476		
Company Name: NTGE	BILL TO	ANALYSIS REQUEST
Project Manager: Ethou Sessy ms	P.O.#.2110 SP41	
ckay		DIA .
City: (QV   S D Q State: (V) State: (V) Phone #: (2 S 4/) 66-5456 Fax #:	State: (VM zip: XXLLO Attn: Usi e Woods at #:	odall
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ame: Grucho 30	State: Zip:	
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d	MATRIX PRESERV.	SAMPLING
Lab I.D. Sample I.D.	UDGE HER: ID/BASE:	TPH CHLOR BIEX
H233245 21 S - 2 (4-4.5') 23 S - 4 (1-1.5'), 23 S - 4 (1-1.5'),	-#CO GRO WAS SOIL OIL SLUE OTHE	TIME 7
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out of or related to the performance of		All Results are emailed. Please provide Email address:
Relinquished By: Date:	Received By:	REMARKS:

Page 31 of 31



October 04, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 10/02/23 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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. Keene

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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 1 4' (H235350-01)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	160	16.0	10/04/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey & Keene

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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 2 4' (H235350-02)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	< 0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	208	16.0	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.3	% 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:

Received: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 3 4' (H235350-03)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	288	16.0	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	12.6	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 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:

Received: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 4 4' (H235350-04)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	< 0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	192	16.0	10/04/2023	ND	432	108	400	0.00	
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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	15.1	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.8	% 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:

Received: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 5 4' (H235350-05)

BTEX 8021B	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	352	16.0	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	1280	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	310	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	76.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 6 4' (H235350-06)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	144	16.0	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	30.5	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 7 4' (H235350-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	56.5	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	79.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.4	% 49.1-14	8						

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Celey & Keine



# Analytical Results For:

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

Received: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

# Sample ID: CS - 8 4' (H235350-08)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 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	1090	16.0	10/04/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.4	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	7430	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	1540	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	216	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 9 4' (H235350-09)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	64.0	16.0	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	62.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.0	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 10 4' (H235350-10)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	560	16.0	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	67.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.7	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 11 4' (H235350-11)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	288	16.0	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	15.1	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	76.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.0	% 49.1-14	18						

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# Analytical Results For:

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

Received: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

# Sample ID: CS - 12 4' (H235350-12)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	79.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.8	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 13 4' (H235350-13)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	36.6	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.7	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 236730

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 14 4' (H235350-14)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	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	464	16.0	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	24.4	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 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: 10/02/2023

Reported: 10/04/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 10/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

# Sample ID: CS - 15 4' (H235350-15)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	560	16.0	10/04/2023	ND	432	108	400	0.00	
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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	44.7	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	83.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 236730

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 16 6' (H235350-16)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 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	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 17 6' (H235350-17)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	15.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 18 6' (H235350-18)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	10100	16.0	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 236730

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 19 6' (H235350-19)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	16400	16.0	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	25.2	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	82.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.8	% 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: 10/02/2023

> 10/04/2023 GAUCHO UNIT 30 CTB 1

Project Name: Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 10/02/2023

Sampling Type: Soil

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

# Sample ID: CS - 20 6' (H235350-20)

Reported:

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	3720	16.0	10/04/2023	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	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	19.1	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.3	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 21 4' (H235350-21)

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	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 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	112	16.0	10/04/2023	ND	448	112	400	0.00	
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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 236730

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 22 4' (H235350-22)

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	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	6 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	640	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	99.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 23 4' (H235350-23)

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	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	384	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	75.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.6	% 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: 10/02/2023

Reported: 10/04/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 10/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker

# Sample ID: CS - 24 4' (H235350-24)

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	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	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	144	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	81.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 25 4' (H235350-25)

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	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	160	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 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:

Applyzod By: 14

Received: 10/02/2023

236730

ma/ka

Reported: 10/04/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023

Sampling Type: Soil

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

# Sample ID: CS - 26 4' (H235350-26)

Project Number:

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	192	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

ma/ka

# Sample ID: CS - 27 4' (H235350-27)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 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	3360	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Celey D. Kune



# Analytical Results For:

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

Fax To:

Received: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 28 4' (H235350-28)

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	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 %	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	5920	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 %	% 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: 10/02/2023 Reported: 10/04/2023

GAUCHO UNIT 30 CTB 1

ma/ka

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023

Sampling Type: Soil

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

# Sample ID: CS - 29 4' (H235350-29)

RTFY 8021R

B1EX 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	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	60.1	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	10.8	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

ma/ka

# Sample ID: CS - 30 4' (H235350-30)

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	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	10/04/2023	ND	448	112	400	0.00	
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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						
Surrogate: 1-Chioroocidaecane	100	70 49.1 <b>-</b> 14	o						

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# Analytical Results For:

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

Received: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 236730

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 31 4' (H235350-31)

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	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 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	2480	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

# Sample ID: CS - 32 4' (H235350-32)

BTEX 8021B

	<u> </u>	<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 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	2560	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: CS - 33 4' (H235350-33)

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	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 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	592	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

# Sample ID: SW - 1 0-4' (H235350-34)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	16.0	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 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:

10/02/2023

Reported: 10/04/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 10/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker

# Sample ID: SW - 2 0-4' (H235350-35)

Received:

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	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 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	32.0	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

# Sample ID: SW - 3 0-4' (H235350-36)

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	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	1960	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 236730

Project Location: DEVON - LEA CO., NM

# Sample ID: SW - 4 0-4' (H235350-37)

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	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	160	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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10/02/2023

Cool & Intact

### Analytical Results For:

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

Sampling Date:

Received: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition:

Project Number: 236730 Sample Received By: Tamara Oldaker
Project Location: DEVON - LEA CO., NM

Sample ID: SW - 5 0-4' (H235350-38)

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	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	112	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	39.9	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 6 0-4' (H235350-39)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 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	64.0	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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10/02/2023

### Analytical Results For:

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

Received: 10/02/2023 Sampling Date:

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 7 0-4' (H235350-40)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	80.0	16.0	10/04/2023	ND	448	112	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	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 8 0-4' (H235350-41)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	48.0	16.0	10/04/2023	ND	432	108	400	3.64	
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	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 236730

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 9 0-4' (H235350-42)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 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	144	16.0	10/04/2023	ND	432	108	400	3.64	
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	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	168	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	23.7	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 10 0-4' (H235350-43)

RTFY 8021R

B1EX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/04/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	3360	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	1100	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	173	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 11 0-4' (H235350-44)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	GC-NC
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 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	128	16.0	10/04/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	28.2	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	5790	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	1310	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	179	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 12 0-4' (H235350-45)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	256	16.0	10/04/2023	ND	432	108	400	3.64	
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	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	162	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	41.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 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: 10/02/2023

Reported: 10/04/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 10/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

### Sample ID: SW - 13 0-4' (H235350-46)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	416	16.0	10/04/2023	ND	432	108	400	3.64	
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	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	274	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	40.3	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 14 0-4' (H235350-47)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	48.0	16.0	10/04/2023	ND	432	108	400	3.64	
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	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 15 0-4' (H235350-48)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	80.0	16.0	10/04/2023	ND	432	108	400	3.64	
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	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	98.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 16 0-4' (H235350-49)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	208	16.0	10/04/2023	ND	432	108	400	3.64	
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	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	24.2	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135	% 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: 10/02/2023

Reported: 10/04/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023

Sampling Type: Soil

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

Sample ID: SW - 17 0-4' (H235350-50)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	< 0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	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	1490	16.0	10/04/2023	ND	432	108	400	3.64	
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	10/04/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	13100	50.0	10/04/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	4880	50.0	10/04/2023	ND					
Surrogate: 1-Chlorooctane	126	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	407	% 49.1-14	8						

Applyzod By: MC

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Celey D. Keene



### Analytical Results For:

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

Applyzod By: MC

Received: 10/02/2023 Reported: 10/04/2023

10/04/2023 GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO L Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023

Sampling Type: Soil

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

### Sample ID: SW - 18 0-4' (H235350-51)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	1090	16.0	10/04/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	2680	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	1110	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	120	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	186	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 19 0-4' (H235350-52)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	< 0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	1330	16.0	10/04/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	2740	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	1070	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	138 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	204 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 20 0-4' (H235350-53)

BTEX 8021B

	9,	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	8000	16.0	10/04/2023	ND	432	108	400	3.64	
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	10/04/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 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: 10/02/2023 Reported: 10/04/2023

10/04/2023 GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023

Sampling Type: Soil

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

### Sample ID: SW - 21 0-4' (H235350-54)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	10/04/2023	ND	432	108	400	3.64	
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	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	114 9	26 48.2-13	4						
Surrogate: 1-Chlorooctadecane	148	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 22 0-4' (H235350-55)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 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	160	16.0	10/04/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	34.5	10.0	10/04/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					
Surrogate: 1-Chlorooctane	123 9	26 48.2-13	4						
Surrogate: 1-Chlorooctadecane	149 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 23 0-4' (H235350-56)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	64.0	16.0	10/04/2023	ND	432	108	400	3.64	
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	10/04/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 24 4-6' (H235350-57)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	16.0	16.0	10/04/2023	ND	432	108	400	3.64	
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	10/04/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 25 0-4' (H235350-58)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	< 0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	1150	16.0	10/04/2023	ND	432	108	400	3.64	
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	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	106 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	135 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: 10/02/2023

Reported: 10/04/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 10/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

### Sample ID: SW - 26 0-4' (H235350-59)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	64.0	16.0	10/04/2023	ND	432	108	400	3.64	
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	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139 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: 10/02/2023 Reported: 10/04/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023

Sampling Type: Soil

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

### Sample ID: SW - 27 4-6' (H235350-60)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	10/04/2023	ND	432	108	400	3.64	
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	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 28 0-4' (H235350-61)

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	10/04/2023	ND	1.99	99.6	2.00	3.14	
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86	
Total BTEX	<0.300	0.300	10/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	10/04/2023	ND	400	100	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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	91.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 29 0-4' (H235350-62)

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	10/04/2023	ND	1.99	99.6	2.00	3.14	
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86	
Total BTEX	<0.300	0.300	10/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	32.0	16.0	10/04/2023	ND	400	100	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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 30 0-4' (H235350-63)

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	10/04/2023	ND	1.99	99.6	2.00	3.14	
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86	
Total BTEX	<0.300	0.300	10/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	32.0	16.0	10/04/2023	ND	400	100	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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 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: 10/02/2023 Sampling Date: 10/02/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 31 0-4' (H235350-64)

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	10/04/2023	ND	1.99	99.6	2.00	3.14	
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86	
Total BTEX	<0.300	0.300	10/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	2560	16.0	10/04/2023	ND	400	100	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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133 9	% 49.1-14	8						

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### **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.

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.

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



Company Name:

209 W McKay St NTG Environmental

> Bill to: (if different) Company Name:

> > Devon

Program: UST/PST PRP Brownfields RRC

uperfund

**Work Order Comments** 

State of Project:

Wesley Matthews

Address	209 W McKay St	Uccs 19		City, Sta	City, State ZIP:								Reporting:Le	vel II Lev	Reporting:Level II   Level III   PST/UST	1 22
Phone:	432-701-2159			Email: ese	esessums@ntglobal.com	obal.con	2					L	Deliverables: EDD	EDD L	AUari	
T HOUSE		ON OTD 4		Turn Aro	and						ANALY	YSIS REQUEST	DEST			
Project Name:	Gauc	Gaucho 30 CTB 1		200	uiio	Pres.				-	-	-				None: NO
Project Number		236730	□ R <sub>t</sub>	Routine	Rush	Code		1	+	+	1	+				
Project Location	Le	Lea Co, NM	Due Date	Date:	48hrs			0)		_					T (	HCL: HC
Sampler's Name:	Clay	Clayton Tumas	TAT	TAT starts the day received by the	eceived by the	ĺ		MR							-	H.SO.: H.
PO#	61	21105841		lab, if received by 4:3upm	y 4:3upm	ers		0+	4			_				1
SAMPLE RECEIPT	Te	Temp Blank:	Yes No We	Wet Ice:	Yes No	mete	21B	DR	4500	_		_			_	NaHSO - N
Received Intact:			Thermometer ID:		140	araı	( 802	RO +	ide 4			_			HOL	Na.S.O. NaSO.
Cooler Custody Seals	Ye	MA	Correction Factor:	1		P	(ETE	( G	hlor			_			_	Zn Acetate+NaOH: Zn
Carralle Custody Sa		CAN	Temperature Reading:	ading:	0.30		В	15M	С			_	_		_	5 5
Total Containers	-		Corrected Temperature	erature:				801			_		_	_		NaOn*Ascorbic Acid. SAT O
Total Containers.				-	Grab/	# of		TPH				_				
Identification	Depth (ft bgs)	Date	Time	Soil	Water Comp					+		+	+			
CS-1	4.	10/2/2023		×	Comp	1	×	×	×	+		+	+			
CS-2	4	10/2/2023		×	Comp	1	×	×	×	-		+				
CS-3	4.	10/2/2023		×	Comp	1	×	×	×	-		-				1
CS-4	4.	10/2/2023		×	Comp	1	×	×	×	-		-		F		
CS-5	4.	10/2/2023		×	Comp	1	×	×	×			-				
CS-6	4.	10/2/2023		×	Comp	1	×	×	×			-	F		1	1
CS-7	4.	10/2/2023		×	Comp	1	×	×	×	-		$\vdash$				
CS-8	4.	10/2/2023		×	Comp	1	×	×	×	+	1	+	+			
· CS-9	4.	10/2/2023		×	Comp		×	×	×	+		+	+			
CS-10	4:	10/2/2023		×	Comp	1	×	×	×	-						
	Additional Comments:	ts:														
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 (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 service. Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	his document and relin	equishment of sam	ples constitutes a v	alid purchase o	rder from client ity for any losse	company to s or expens	Xenco, i	its affiliat red by the	ates and su he client if ed. These t	such loss erms will	tors. It assi es are due t be enforced	gns standa o circumst unless pn	rd terms and co ances beyond th eviously negotial	nditions s control ed.		
of Xenco. A minimum	charge of \$85,00 will	be applied to each	Received by: (Signature)	(Signature)	110		Date/Time	Time		Relino	Relinquished by: (Signature)	y: (Sign	ature)	Received	Received by: (Signature)	e)
Keinquisired	Reinquisited by (orginature)		MILIOHA.	Will.		10	2-23	315	2 2							
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1		1							on.				-			

· Work Order No:

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Company Name:

209 W McKay St NTG Environmental

State of Project:

Program: UST/PST PRP Brownfields RRC

\_uperfund |

Work Order Comments	Rill to Mathews		
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		ENVIRONMENTAL	1
			1
Work Order No: / 10			No.
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Address:	209 W McKay St	St		Ac	Address							Re	Reporting:Level III Level III PST/UST	Level	=	ST/L	ST/UST TRRP
City, State ZIP:	Carlsbad, NM 88220	88220		C	City, State ZIP:							De	Deliverables: EDD	0		ADaPT	ADaPT Other
Phone:	432-701-2159			Email: es	Email: esessums@ntglobal.com	global.co	m						in a ci co ci co				
Project Name	Gauc	Gaucho 30 CTB 1		Turn Around	round						ANALYSIS	ALYSIS REQUEST	ST	-	-		Preservative Codes
Project Number		236730		Routine	Rush	Code			-		-	F		+	+		None: NO
Project Location	L	Lea Co, NM	Due	Due Date:	48hrs			)			_			_	_		Cool: Cool
Sampler's Name:	Cla	Clayton Tumas	14	T starts the day	TAT starts the day received by the			MRC			_	_		_	_		H-SO. H-
PO#		21105841		lab; if received by 4:30pm	d by 4:30pm	ers		<b>O</b> +						_			12004-12
SAMPLE RECEIPT	Tel	Temp Blank:	Yes No Wet Ice	Net Ice:	Yes No	mete	21B	DRO	4500					_			
Received Intact:		Yes No	Thermometer ID:	D.	140	arai	( 802	RO+	ide 4				,	_		HOL	
Cooler Custody Seals	is Yes	NO (NIA)	Correction Factor.	ctor.	1	P	STE)	( GI	hlor					_	_	_	_
Sample Custody Seals		NO (NIA)	Temperature Reading:	Reading:	0,50		E	15M	С		_			_	_		NaOH+Ascorbic Acid SAPC
Total Containers:		64	Corrected Temperature	nperature:	1	-		H 80							_		THE COLUMN THE PARTY OF THE PAR
Sample	Depth (ft bgs)	Date	Time ,	Soil	Water Comp	p Cont		TP							-		Sample Comments
CS-11	4.	10/2/2023		×	Comp	1p 1	×	×	×					+	+		
CS-12	4.	10/2/2023		×	Comp	1p 1	×	×	×		-	I		+	+		
3 CS-13	4.	10/2/2023		×	Comp	1 1	×	×	×		-			+	+		
	4.	10/2/2023		×	Comp	1p 1	×	×	×					+	+		
CS-15	4.	10/2/2023		×	Comp	1p 1	×	×	×				-	+	+		
	o,	10/2/2023		×	Comp	1p 1	×	×	×					+	+		
	o,	10/2/2023		×	Comp	1p 1	×	×	×					+	+		
	o <sub>2</sub>	10/2/2023		×	Comp	np 1	×	×	×	-	-	1	+	+	+		
CS-19	6	10/2/2023		×	Comp	np 1	×	×	×	-	-	1	+	+	+		
. CS-20	6'	10/2/2023		×	Comp	np 1	×	×	×		F		-	ŀ	1		
Addit	Additional Comments:	its:															
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. 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. Signature of this document and relinquishment of samples control to service and a channe of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	is document and reli	nquishment of sam	ples constitutes of shall not assure	a valid purchase ne any responsi	e order from clien bility for any loss ich sample subm	it company ises or experi	to Xenco, nses incur co, but no	its affiliat red by the t analyze	he client if a	bcontractor such losses srms will be	s. It assigns are due to cir enforced uni	standard te cumstances ess previou	It assigns standard terms and conditions the due to circumstances beyond the control forced unless previously negotiated.	stroj			
of Xenco. A minimum	charge of sociol will	or application control	Received t	Received by: (Signature	6// /		Date/Time	Time		Relinquish	ished by:	ed by: (Signature)	9) R	eceived	by	by: (Signatu	Received by: (Signature)
Relinquished by: (Signature	by: (Signature)	1	11110	1		010	10.2-2	3 15	200								
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Page 68 of 73



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Project Manager	Ethan Sessums				Om so, in omorany		Devon	Devon			Program: UST/PST PRP Brownfields RRC	PST PRP	Brownfie		_uperfund
Company Name:	NTG Environmental	ntal			Company warre	,	000				State of Project:	Ħ			
Address:	209 W McKay St				nuoi coo						Reporting:Level II Level III LPST/UST	II Level III	PST/US	LTRRP	Level N L
City, State ZIP:	Carlsbad, NM 88220	3220			City, State Air.		-				Deliverables: EDD		ADaPT	Other	
Phone:	432-701-2159			Email:	esessums@ntglobal.com	itglobal.co	m							- 11	
		20 CTB 1		Turn	Turn Around					ANALYSI	ALYSIS REQUEST			ervativ	ve Codes
Project Name:	Gauci	ō		Routine	√ Rush	Pres.							NC	None: NO	DI Water: H <sub>2</sub> O
Project Number:	2	236730		Noutribe	C. mason	Code		I	+	+			C	Cool: Cool	MeOH: Me
Project Location	Lea	Lea Co, NM		Due Date:	48hrs			0)					H !		HNO3: HN
Sampler's Name:	Clay	Clayton Tumas		TAT starts the o	TAT starts the day received by the	ĕ		MRC		_		_	Į.		NaOH: Na
PO#	2	21105841		lab, if recen	lab, if received by 4:3upm	ers		0+	-				r .	U	
SAMPLE RECEIPT		Temp Blank:	Yes Mo	Wet Ice:	Yes No	mete	21B	DR	4500					NaHSO, NABIS	
Received Intact:		No	Thermometer ID	ter ID:	140	ara	( 80	RO ·	ide				HOL	Na.S.O. NaSO.	
Cooler Custody Seals	Yes	0	Correction Factor	Factor:		P	TE	( G	hloi					Zn Acetate+NaOH: Zn	H: Zn
Sample Custody Seals	Yes		Temperati	Temperature Reading:	0,50	15.	E	15M	C			_	Z	NaOH+Ascorbic Acid: SAPC	Acid: SAPC
Total Containers.		64	Corrected	Corrected Temperature:	1		_	PH 80				_			
Sample	Depth (ft bgs)	Date	Time	Soil	Water Comp	np Cont		. т						Sample Comments	Ommenus
	Ą	10/2/2023		×	Comp	mp 1	×	×	×			-	-		
	4.	10/2/2023		×	Comp	mp 1	×	×	×			-	-		
CS-23	4:	10/2/2023		×	Comp	mp 1	×	×	×			-	1		
	4.	10/2/2023		×	Co	Comp · 1	×	×	×			-	1		
1	4.	10/2/2023		×	Co	Comp 1	×	×	×			+	+		
1	4.	10/2/2023		×	Co	Comp 1	×	×	×			+	1		
	4.	10/2/2023		×	Co	Comp 1	×	×	×			-	1		
	4.	10/2/2023		×	Co	Comp 1	×	×	×			-			
29 CS-29	4	10/2/2023		×	Co	Comp 1	×	×	×			-			
	4.	10/2/2023		×	Co	Comp 1	×	×	×	-					
Addi	Additional Cornir ents:	s:													
Notice: Signature of the	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. 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 at the service.	quishment of sar	nples constitu	utes a valid purch	ase order from cli	ent company	to Xenco	, its affili	ates and the client i	subcontractors. It assign if such losses are due to terms will be enforced to	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 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	tions			
of Xenco. A minimum	of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$9.00 word surply and a charge of \$9.00 will be applied to each project and a charge of \$9.00 word surply and a charge of \$9.00 will be applied to each project and a charge of \$9.00 word surply and a charge of \$9.00 will be applied to each project and a charge of \$9.00 word surply and a charge of \$9.00 will be applied to each project and a charge of \$9.00 word surply and \$9.00 word surp	be applied to each	Receive	Received by: (Signature)	ture) /		Date	Date/Time		Relinquished by	ned by: (Signature)	Received by: (Signature)	Signatur		Date/Time
Kelinquished	Kelinquished by (Signature)		Collins of	11/10		1	17.23	N	3	2					
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Work
Order No:
Ha:
35351

**Work Order Comments** 

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Company Name Bill to: (if different)

Devon

Program: UST/PST | PRP | Brownfields | RRC

uperfund

Work Order Comments

Wesley Matthews

Company Name:	NTG Environmental	ental			Company Name	ne.	Devon	/on				Charles of Day		[	The second	
	209 W McKay St	54			Address:							State of Floject	Ject.	JIII Det	HET TRRP	I level IV
te ZIP:	Carlsbad, NM 88220	8220			City, State ZIP							Keporting.ce	Keporing.Level   Level   Anapt	ADapt []		
Phone	432-701-2159			Email:	Email: esessums@ntglobal.com	ntglobal.	com				L	Deliveragies. Coo		200	11.	
Project Name:	Gauci	Gaucho 30 CTB 1		Turn	Turn Around	2				ANAL	LYSIS REQUEST	DEST			Preserv	Preservative Codes
Project Number		236730		Routine	Rush	Code	de is	1	1	+	+		-	+	None: NO	MaOH: Ma
Project Location	Le	Lea Co, NM		Due Date:	48hrs			0)			_				HOI HO	HNO. HN
Sampler's Name:	Clay	Clayton Tumas		TAT starts the	TAT starts the day received by the	the	_	MRC			_				H-SO. H-	NaOH: Na
PO#	22	21105841		lab, if rece	lab, if received by 4:30pm	re	113	0+							71. Page 1.7	
SAMPLE RECEIPT		Temp Blank:	Yes NO	) Wet loe:	(Yes) No	mete		DR	4500					D	Name NAR	Sic
Received Intact		No		eter ID:	140		( 802	_	ide 4		_			HOL	Na CO Na CO	Ď d
Cooler Custody Seals	Yes	No NIA	Correction Factor	n Factor:		L			hlor						7n Acetate+NaOH: 7n	aOH: Zn
Sample Custody Seals	Yes		Temperat	Temperature Reading	0,00		_		С						NaOH+Ascort	NaOH+Ascorbic Acid: SAPC
Total Containers		64	Corrected	Corrected Temperature:	1	-		H 80								
Sample	Depth (ft bgs)	Date	Time	Soil	Water Co	Grab/ #	# of Cont	ТР							Sample	Sample Comments
1	4.	10/2/2023		×	Co	Comp	1	×	×							
	4	10/2/2023		×	Co	Comp	1	×	×		-	-				
	4.	10/2/2023		×	Cc	Comp	_		×	-	-	+		-		
	0-4	10/2/2023		×	00	Comp	-	×	×		3			-		
	0-4	10/2/2023		×	CC	Comp	_	×	×		-					
	0-4	10/2/2023		×	CC	Comp	_	-	-		+	-		1		
SW-4	04.	10/2/2023		×	CC	Comp	-	+	+	-	+	+	1			
SW-5	0.4	10/2/2023		×	CO	Comp	_	-	+	-	-	+	1	-		
30 SW-6	0-4'	10/2/2023		×	C	Comp	+	+	+	+	+	+	-			
6 SW-7 .	0-4"	10/2/2023	2	×	C	Comp	1.	×	×				F			
Addit	Additional Comments:	ts:														
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 Notice: Signature of this document and relinquishment 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 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 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 services.	s document and relin	quishment of sam	ples consti	tutes a valid purch assume any respo	tase order from cl onsibility for any lo	lient compa	iny to Xen cpenses in Xenco, bu	co, its aff curred by t not anal	iliates and : / the client i	subcontractors. It f such losses are terms will be enfo	assigns standar due to circumstr orced unless pre	rd terms and co ances beyond th eviously negotiat	nditions e control ted.			
of Xenco. A minimum	charge of \$65.00 will	or applied to carri	Receiv	Received by: (Signature)	fure)/	,	Da	Date/Time	ю	Relinquishe	Relinquished by: (Signature)	ature)	Received	Received by: (Signature)	ure)	Date/Time
Relinquished by Joignature	oy, (oigilature)		Men	Charles of the Contract of the	1	2	10-2	3	50	2						
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Page 70 of 73



NTG Environmental

Company Name Bill to: (if different)

Devon

Program: UST/PST PRP Brownfields RRC

uperfund

**Work Order Comments** 

Wesley Matthews

Company Name:	N I G Environmental	ntai			Company wante	0.10	1							
Address	209 W McKay St				Address								State of Project:	Бетин
City, State ZIP:	Carlsbad, NM 88220	3220			City, State ZIP	P							Reporting: Level III Level	ADAPT []
Phone:	432-701-2159			Email:	esessums@ntglobal.com	ntgloba	.com					L	Deliverables, EDD [	Con .
indica:		on OTD 1		Turn	Turn Around		-				ANAL	ALYSIS REQUEST	QUEST	
Project Name:	Gauci	Gancino ao Cita i		Boutine	√ Rush	9	Pres.	-						None: NO
Project Number:	N	236730		MOUDINE	Ruan	C	Code	+	1	+	1	+		Cool: Cool
Project Location	Les	Lea Co, NM	1	Due Date:	48hrs			0)				_		HCI - HC
Sampler's Name:	Clay	Clayton Tumas		TAT starts the	TAT starts the day received by the	the		MRC		_				H-SD. H
PO#	2	21105841		lab, if rece	lab, if received by 4:30pm		ers	0+	-	_		_		
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Xes No					_		_		
Received Intact		No		ter ID:	140		arai	RO +	ide 4			•		HOL NASO NASO
Cooler Custody Seals	Yes	NO (NIA)	Correction Factor	Factor:	1	L			-					_
Sample Custody Seals	Yes	NO MIA	Temperature Reading	re Reading:	11.30		_	_				_		NaOH+Ascorbic Acid: SAPC
Total Containers:		64	Corrected	Corrected Temperature.	(	1		H 80	1100			_		
Sample	Depth (ft bgs)	Date	Time	Soil	Water C	Grab/ #	# of Cont	ТР		_				
8-WS	0-4"	10/2/2023		×	0	Comp	-	×	×			-		+
SW-9	0-4	10/2/2023		×	0	Comp	_	×	×			-		+
SW-10	0-4	10/2/2023		×	0	Comp	1	×	×			-		1
SW-11	. 0.4"	10/2/2023		×	0	Comp	1	×	×			-		+
1	04	10/2/2023		×	0	Comp	_	×	×			-		
SW-13	04	10/2/2023		×	0	Comp	1	×	×		-	-		+
	0-4.	10/2/2023		×	0	Comp	-	×	×			-		
SW-15	0-4	10/2/2023		×	0	Comp	-	×	-	F				+
SW-16	04	10/2/2023		×	0	Comp	-	+		-	+	-		
SW-17	0-4	10/2/2023		×	0	Comp	-	×	×					1
Addir	Additional Comments:	è.					•							
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. For 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 of service. Xenco will be liable only for the cost of samples and shall not assume any of service and samples submitted to Xenco, but not analyzed. These terms will be expenses in the cost of samples and shall not assume any of service.	his document and relind be liable only for the o	quishment of san	nples constitu	tes a valid purch	ase order from onsibility for any	dient comp	any to Xer xpenses i	nco, its at ncurred b	ffiliates and by the clien alyzed. The	subcontra t if such los se terms wi	ctors. It ass ises are due	igns stand to circums d unless p	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 service. Xenco will be liable only for the cost of samples and shall not assume any of set for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	
er Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of the Company	by: (Signature)	e applied to each	Receive	Received by: (Signature)	turey/	1	D	Date/Time	ne	Relinquis	quished	ned by: (Signature)	nature) Received by: (Signature)	(Signature
Relinquished	Relinquished by: (Signature)		MORU	a che	The	1	10-2	23	1515	4 10				
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nature) Received by: (Signature)	Relinquished by: (Signature)	co	Date/Time		11/	Received by: (Signature)	Received		v. Signature)	Relinquished by Signature
It assigns standard terms and conditions to due to circumstances beyond the control aforced unless previously negotiated.		filiates and s y the client i yzed. These	(engo, its aff s incurred by but not anal	or expenses to Xenco,	order from client co lity for any losses sample submitted	es a valid purchase o sume any responsibil charge of \$5 for each	ples constitut id shall not ass project and a	uishment of sam st of samples an	document and relings e liable only for the co harge of \$85,00 will be	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. Notice: Signature of this document and relinquishment of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses a 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 the contract of the cost of services. These terms will be any service of services of services and such cost of services and such cost of services are the cost of services.
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		11-	>	-	Comp	×		10/2/2023	4-6'	SW-27
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	-	+	+		Comp	×		10/2/2023	0-6'	SW-25
		+	+	_	Comp	×		10/2/2023	4-6'	SW-24
-		-	1	_	Comp	×		10/2/2023	0-4'	SW-23
		+	-	-	Comp	×		10/2/2023	0-4	SW-22
		-	+	1	Comp	×		10/2/2023	0-4	SW-21
		-	+	1	Comp	×		10/2/2023	0-4	SW-20
		-	-	-	Comp	×		10/2/2023	04.	SW-19
		+	-	-	Comp	×		10/2/2023	0.4	SW-18
		-	т	Cont Cont	Water Comp	Soil	Time	Date	Depth (ft bgs)	Sample Ideptification
			PH 8			Corrected Temperature:	Corrected 1	64		Total Containers:
		(	_		Moc	re Reading:	Temperature Reading	No NIA	Yes	Sample Custody Seals
		Chlo	_		1	Factor	Correction Factor	No (N/A)	Yes	Cooler Custody Seals
		ride	_		140	er ID	Thermometer ID	No	(Yes)	Received Intact:
		450	21B + DF	met	Yes No	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT
		0	_		of rappin	idb, il leceived of probin		105841	21	PO#
			MR		eceived by the	TAT starts the day received by the		Clayton Tumas	Clayt	Sampler's Name:
			0)		48hrs	Due Date:	D	Lea Co, NM	Lea	Project Location
		1	+	Code	Rush	Routine		236730	2:	Project Number:
QUEST	ANALYSIS REQUEST			Dress	und	Turn Around		Gaucho 30 CTB 1	Gauch	Project Name
				bal.com	Email: esessums@ntglobal.com	Email: ese			432-701-2159	Phone:
Deliverables: EDD					City, State ZIP:	City		220	Carlsbad, NM 88220	City, State ZIP:
Reporting:Level II   Level III   PST/UST					Address:	Agg			209 W McKay St	Address:
State of Project:			Devon		Company Name:	Con		ital	NTG Environmental	Company Name:
Brownfields RRC		tthews	Wesley Matthews	×	Bill to: (if different)	Bill t			Ethan Sessums	Project Manager

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Company Name:

209 W McKay St NTG Environmental

Address Company Name: Bill to: (if different)

Devon

Program: UST/PST PRP Brownfields RRC

uperfund

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**Work Order Comments** 

Reporting:Level II Level III PST/UST

□ RRP

☐ Level IV ☐

State of Project:

Wesley Matthews

City, State ZIP:

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A Sucarity Milay	Delinquished	Notice: Signature of the of service, Xenco will	Addi						SW-31	SW-30	SW-29	SW-28	Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:
Town Roy	Pelinguished hv: (Signature)	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 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 a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	Additional Comments:						0.4" .	0-4'	0-4"	0-4"	Depth (ft bgs)		s: Yes	Yès	Yes		2	Clay	Le		Gauch	432-701-2159	Carlsbad, NM 88220
No.		quishment of san ost of samples ar	Š.		J.				10/2/2023	10/2/2023	10/2/2023	10/2/2023	Date	64	NO NIA	No (NIA)	No	Temp Blank:	21105841	Clayton Tumas	Lea Co, NM	236730	Gaucho 30 CTB 1		8220
111111111111111111111111111111111111111	Receive	nples constituted shall not as project and a						r-					Time	Corrected	Temperature Reading	Correction Factor	Thermometer ID	Yes No							
Me	Received by: (Signature)	es a valid purci sume any respi charge of \$5 fo							×	×	×	×	Soil	Corrected Temperature	re Reading:	Factor:	er ID	Wet loe:	ian, ii reci	TAT starts the day received by the	Due Date:	Routine	Turn	Email:	
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Page 73 of 73



October 10, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 10/06/23 12:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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



Shari Cisneros

#### Analytical Results For:

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

Received: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil
Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730 Sample Received By:

Project Location: DEVON - LEA CO., NM

## Sample ID: CS-34 4' (H235458-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 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	96.0	16.0	10/10/2023	ND	448	112	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	10/07/2023	ND	180	90.1	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	187	93.5	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	91.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Applymed By MC

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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: 10/06/2023 Reported: 10/10/2023

GAUCHO UNIT 30 CTB 1

mg/kg

Project Name: GAUCHO UNIT 3

Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Shari Cisneros

## Sample ID: CS-35 4' (H235458-02)

BTEX 8021B

	9,	9	7	7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 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	32.0	16.0	10/10/2023	ND	448	112	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	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	22.3	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

Analyzed By: MS

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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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

mg/kg

#### Sample ID: CS-36 4' (H235458-03)

BTEX 8021B

DILX OUZID	iiig/	, kg	Allulyzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 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	16.0	16.0	10/10/2023	ND	448	112	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	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-37 4' (H235458-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 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	32.0	16.0	10/10/2023	ND	448	112	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	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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Celey D. Keene



Shari Cisneros

#### Analytical Results For:

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

Analyzed By: MC

Received: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil
Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition:
Project Number: 236730 Sample Received By:

ma/ka

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-38 4' (H235458-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 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	128	16.0	10/10/2023	ND	448	112	400	0.00	
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	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-39 4' (H235458-06)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 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	304	16.0	10/10/2023	ND	448	112	400	0.00	
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	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	1580	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	452	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 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: MC

Received: 10/06/2023 Reported: 10/10/2023

GAUCHO UNIT 30 CTB 1

ma/ka

Project Name: GAUCHO UNIT 30

Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

## Sample ID: CS-40 4' (H235458-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.9	% 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	48.0	16.0	10/10/2023	ND	448	112	400	0.00	
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	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	16.1	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	10.7	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-41 2' (H235458-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.0	% 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	48.0	16.0	10/10/2023	ND	448	112	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	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	114 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	143 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

mg/kg

#### Sample ID: CS-42 2' (H235458-09)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 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	16.0	16.0	10/10/2023	ND	448	112	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	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	116 %	48.2-13	4						
Surrogate: 1-Chlorooctadecane	143 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

mg/kg

#### Sample ID: CS-43 2' (H235458-10)

BTEX 8021B

DILX OUZID	11197	ng .	Allulyzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 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	16.0	16.0	10/10/2023	ND	448	112	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	10/09/2023	ND	209	104	200	1.03	
DRO >C10-C28*	10.4	10.0	10/09/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/09/2023	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

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Celey & Keene



#### Analytical Results For:

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

Received: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

mg/kg

## Sample ID: CS-44 2' (H235458-11)

BTEX 8021B

	9/	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 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	32.0	16.0	10/10/2023	ND	448	112	400	0.00	
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	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	99.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128 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: 10/06/2023

Reported: 10/10/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

### Sample ID: CS-45 2' (H235458-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	< 0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	< 0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 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	16.0	16.0	10/10/2023	ND	448	112	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	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

### Sample ID: CS-46 2' (H235458-13)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 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	96.0	16.0	10/10/2023	ND	448	112	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	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 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: 10/06/2023 Reported: 10/10/2023

10/10/2023 Sampling Type: GAUCHO UNIT 30 CTB 1 Sampling Condition:

Project Name: GAUCHO UNIT 30 CTB 1
Project Number: 236730

Project Location: DEVON - LEA CO., NM

mg/kg

Sampling Date: 10/05/2023

Sample Received By:

Soil Cool & Intact Shari Cisneros

## Sample ID: CS-47 2' (H235458-14)

BTEX 8021B

	9/	9	7	7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 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	544	16.0	10/10/2023	ND	448	112	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	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	119	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	147	% 49.1-14	8						

Analyzed By: MS

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#### Analytical Results For:

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

Fax To:

Received: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-48 2' (H235458-15)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2 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	336	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	14.9	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	91.2 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 %	6 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-49 2' (H235458-16)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	18.8	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-50 2' (H235458-17)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 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	16.0	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 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: 10/06/2023 Reported: 10/10/2023

GAUCHO UNIT 30 CTB 1

Project Name: Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

### Sample ID: CS-51 2' (H235458-18)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 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	16.0	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-52 2' (H235458-19)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	13.4	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	85.8	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

mg/kg

#### Sample ID: CS-53 2' (H235458-20)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 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	576	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 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:

10/06/2023

ma/ka

Reported: 10/10/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shari Cisneros

### Sample ID: CS-54 2' (H235458-21)

Received:

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.050 <0.150	Reporting Limit  0.050  0.050  0.050	Analyzed 10/06/2023 10/06/2023	Method Blank  ND  ND	BS 2.19	% Recovery	True Value QC 2.00	RPD 0.0391	Qualifier
<0.050 <0.050 <0.150	0.050			2.19	110	2.00	0.0201	
<0.050 <0.150		10/06/2023	ND				0.0391	
<0.150	0.050			2.08	104	2.00	0.747	
		10/06/2023	ND	2.12	106	2.00	0.152	
	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
<0.300	0.300	10/06/2023	ND					
119 9	71.5-13	4						
mg/kg		Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16.0	16.0	10/09/2023	ND	464	116	400	7.14	
mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	10/07/2023	ND	209	104	200	1.03	
<10.0	10.0	10/07/2023	ND	240	120	200	1.11	
<10.0	10.0	10/07/2023	ND					
94.0	% 48.2-13	4						
	Result  16.0  mg/  Result  <10.0  <10.0  <10.0	Result Reporting Limit  16.0 16.0  mg/kg  Result Reporting Limit  <10.0 10.0  <10.0 10.0  <10.0 10.0	Result         Reporting Limit         Analyzed           16.0         16.0         10/09/2023           mg/kg         Analyze           Result         Reporting Limit         Analyzed           <10.0	Result         Reporting Limit         Analyzed         Method Blank           16.0         16.0         10/09/2023         ND           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank           <10.0	Result         Reporting Limit         Analyzed         Method Blank         BS           16.0         16.0         10/09/2023         ND         464           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS           <10.0	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery           16.0         16.0         10/09/2023         ND         464         116           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed Method Blank         BS         % Recovery           <10.0	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           16.0         16.0         10/09/2023         ND         464         116         400           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           <10.0	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           16.0         16.0         10/09/2023         ND         464         116         400         7.14           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <10.0

Applyzod By: MC

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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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-55 2' (H235458-22)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	< 0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 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	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	97.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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Celey & Keene



#### Analytical Results For:

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

Received: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Analyzed By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

#### Sample ID: CS-56 2' (H235458-23)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 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	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-57 2' (H235458-24)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 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	48.0	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 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: 10/06/2023

10/10/2023

ma/ka

GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

### Sample ID: CS-58 2' (H235458-25)

Reported:

RTFY 8021R

Project Name:

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 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	128	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	96.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Applyzod By: MC

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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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

#### Sample ID: CS-59 2' (H235458-26)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 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	16.0	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

#### Sample ID: CS-60 2' (H235458-27)

RTFY 8021R

Analyte ne* e* enzene* (ylenes*	Result <0.050 <0.050 <0.050 <0.150	0.050 0.050 0.050	Analyzed 10/06/2023 10/06/2023	Method Blank ND ND	BS 2.19	% Recovery	True Value QC 2.00	RPD 0.0391	Qualifier
e* enzene* (ylenes*	<0.050 <0.050	0.050	10/06/2023			110	2.00	0.0391	
enzene* 'ylenes*	<0.050			ND	2.00				
ylenes*		0.050			2.08	104	2.00	0.747	
	<0.150		10/06/2023	ND	2.12	106	2.00	0.152	
TEX		0.150	10/06/2023	ND	6.19	103	6.00	1.33	
	<0.300	0.300	10/06/2023	ND					
ate: 4-Bromofluorobenzene (P	TD 116 %	6 71.5-13	4						
le, SM4500CI-B	mg/l	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
de	32.0	16.0	10/09/2023	ND	464	116	400	7.14	
15M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
RO >C28-C36	<10.0	10.0	10/07/2023	ND					
ate: 1-Chlorooctane	94.6 %	% 48.2-13	4						
	109 %	% 49.1-14	8						
RO >C28-C36	<10.0 94.6 %	10.0	10/07/2023		201	100	200		4.56

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Celey D. Keine



Cool & Intact

Shari Cisneros

#### Analytical Results For:

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

Received: 10/06/2023 Reported: 10/10/2023

 10/06/2023
 Sampling Date:
 10/05/2023

 10/10/2023
 Sampling Type:
 Soil

Sampling Condition:

Sample Received By:

Project Name: GAUCHO UNIT 30 CTB 1
Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sample ID: CS-61 2' (H235458-28)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 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	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 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: 10/06/2023 Reported: 10/10/2023

GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

### Sample ID: CS-62 2' (H235458-29)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	< 0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 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	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 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: 10/06/2023 Reported: 10/10/2023

GAUCHO UNIT 30 CTB 1

Project Name: Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Shari Cisneros Sample Received By:

### Sample ID: CS-63 2' (H235458-30)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 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	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Shari Cisneros Project Number: 236730 Sample Received By:

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-64 2' (H235458-31)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 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	128	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.8	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-65 2' (H235458-32)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	6 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	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	94.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 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:

10/06/2023 Reported: 10/10/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM

ma/ka

Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

# Sample ID: CS-66 2' (H235458-33)

Received:

RTFY 8021R

Result < 0.050 < 0.050	Reporting Limit 0.050	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	0.050				70 110001017	True value qe	KI D	Qualifier
< 0.050		10/07/2023	ND	2.19	110	2.00	0.0391	
	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
<0.300	0.300	10/07/2023	ND					
116	% 71.5-13	4						
mg,	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	10/09/2023	ND	464	116	400	7.14	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
<10.0	10.0	10/07/2023	ND					
94.9	% 48.2-13	4						
109	% 49.1-14	8						
	<0.150 <0.300  116 9  Result <16.0  mg/  Result <10.0 <10.0 <94.9	<0.050 0.050 <0.150 0.150 <0.300 0.300  116	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Applyzod By: MC

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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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-67 2' (H235458-34)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	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	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	97.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-68 2' (H235458-35)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	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	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	109 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126 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:

10/06/2023 Reported: 10/10/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Shari Cisneros

## Sample ID: CS-69 2' (H235458-36)

Received:

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 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	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

## Sample ID: CS-70 2' (H235458-37)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	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	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	91.49	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Project Location: DEVON - LEA CO., NM

## Sample ID: CS-71 2' (H235458-38)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	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	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Project Location: DEVON - LEA CO., NM

## Sample ID: CS-72 2' (H235458-39)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

## Sample ID: CS-73 4' (H235458-40)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 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	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	230	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	58.7	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	90.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Celey D. Keene



Cool & Intact Shari Cisneros

## Analytical Results For:

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

Received: 10/06/2023 Reported: 10/10/2023

Sampling Date: 10/05/2023 Sampling Type: Soil

Sampling Condition:

Sample Received By:

Project Name: GAUCHO UNIT 30 CTB 1 Project Number: 236730

Project Location: DEVON - LEA CO., NM

# Sample ID: CS-74 4' (H235458-41)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	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	32.0	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	118 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	133 9	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

## Sample ID: CS-75 4' (H235458-42)

RTFY 8021R

B1EX 8021B	mg,	/ kg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Kreene



## Analytical Results For:

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

Received: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Analyzed By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

## Sample ID: CS-76 4' (H235458-43)

RTFY 8021R

Result <0.050 <0.050	Reporting Limit 0.050	Analyzed 10/07/2023	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	0.050	10/07/2023						
<0.050		10/0//2023	ND	2.13	107	2.00	0.666	
~0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
<0.300	0.300	10/07/2023	ND					
117 9	% 71.5-13-	4						
mg/	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	10/10/2023	ND	432	108	400	3.64	
mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
<10.0	10.0	10/06/2023	ND					
101 9	% 48.2-13-	4						
	Result <16.0 mg/ Result <10.0 <10.0	<16.0 16.0  mg/kg  Result Reporting Limit  <10.0 10.0  <10.0 10.0	Result         Reporting Limit         Analyzed           <16.0	Result         Reporting Limit         Analyzed         Method Blank           <16.0	Result         Reporting Limit         Analyzed         Method Blank         BS           <16.0	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery           <16.0	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           <16.0	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <16.0

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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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Project Location: DEVON - LEA CO., NM

## Sample ID: CS-77 4' (H235458-44)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 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	112	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	38.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	16.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

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Celey & Keene



Shari Cisneros

Sample Received By:

## Analytical Results For:

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

Received: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil
Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730

Project Location: DEVON - LEA CO., NM

## Sample ID: CS-78 4' (H235458-45)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 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	16.0	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	126	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	46.9	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	118	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	142	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

## Sample ID: SW-32 0-4' (H235458-46)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	64.0	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	143	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

#### Sample ID: SW-33 0-4' (H235458-47)

RTFY 8021R

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 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	80.0	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	119 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139 9	% 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: 10/06/2023 Reported: 10/10/2023

GAUCHO UNIT 30 CTB 1

Project Name: Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

#### Sample ID: SW-34 0-4' (H235458-48)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	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	64.0	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	122 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	144 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: 10/06/2023

10/10/2023

GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shari Cisneros

## Sample ID: SW-35 2-4' (H235458-49)

Reported:

Project Name:

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 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	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	21.6	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

#### Sample ID: SW-36 0-4' (H235458-50)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 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	10/10/2023	ND	432	108	400	3.64	
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	10/09/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/09/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/09/2023	ND					
Surrogate: 1-Chlorooctane	75.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

## Sample ID: SW-37 0-4' (H235458-51)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	< 0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	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	176	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	105 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: SW-38 0-4' (H235458-52)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	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	272	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	109 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

## Sample ID: SW-39 0-4' (H235458-53)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 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	112	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Analyzed By: MC

Project Location: DEVON - LEA CO., NM

## Sample ID: SW-40 0-4' (H235458-54)

RTFY 8021R

BIEX 8021B	mg/	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 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	32.0	16.0	10/10/2023	ND	432	108	400	3.64	
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	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 9	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

## Analytical Results For:

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

Received: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil
Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730

Project Location: DEVON - LEA CO., NM

## Sample ID: SW-41 0-4' (H235458-55)

BTEX 8021B	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 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	192	16.0	10/10/2023	ND	416	104	400	7.41	QR-03
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	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	32.1	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138	% 49.1-14	8						

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Celey & Keene



## Analytical Results For:

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

Received: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

## Sample ID: SW-42 0-4' (H235458-56)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 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	240	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	109 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

## Sample ID: SW-43 0-4' (H235458-57)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 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	48.0	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/07/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	119 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138 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: 10/06/2023

Reported: 10/10/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shari Cisneros

# Sample ID: SW-44 0-4' (H235458-58)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	< 0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	10/10/2023	ND	416	104	400	7.41	
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	10/09/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	16.0	10.0	10/09/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/09/2023	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

## Sample ID: SW-45 0-4' (H235458-59)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 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	96.0	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/07/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	32.6	10.0	10/07/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	123	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	147	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: SW-46 0-4' (H235458-60)

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	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	48.0	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/07/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					
Surrogate: 1-Chlorooctane	122 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	142 %	% 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:

Applyzod By: 14

Received: 10/06/2023 Reported: 10/10/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

#### Sample ID: SW-47 0-4' (H235458-61)

RTFY 8021R

Result <0.050	Reporting Limit	Analyzed	Method Blank	BS	0/ D			
	0.050			D3	% Recovery	True Value QC	RPD	Qualifier
	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
< 0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
<0.300	0.300	10/07/2023	ND					
108	% 71.5-13	4						
mg,	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
416	16.0	10/10/2023	ND	416	104	400	7.41	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	10/07/2023	ND	170	85.1	200	2.27	
<10.0	10.0	10/07/2023	ND	199	99.6	200	2.16	
<10.0	10.0	10/07/2023	ND					
117 9	% 48.2-13	4						
136	% 49.1-14	8						
	<0.150 <0.300  108 9  mg/ Result  416  mg/  Result <10.0 <10.0 <10.0	<0.150 0.150 <0.300 0.300  108	<0.150	<0.150       10/07/2023       ND         108 % 71.5-134         The standard of	<0.150	<0.150       0.150       10/07/2023       ND       6.46       108         <0.300       0.300       10/07/2023       ND       6.46       108         108 %       71.5-134         Meg/k       Analyzed By: AC         Result Reporting Limit       Analyzed Method Blank       BS       % Recovery         Analyzed By: MS         Result Reporting Limit Analyzed Method Blank       BS       % Recovery         <10.0	<0.150       0.150       10/07/2023       ND       6.46       108       6.00         108 ★ 71.5-134         Meghy       Analyzed By: AC         Result Result Init Analyzed Init Analyzed Method Blank BS % Recovery True Value QC         416       16.0       10/10/2023       ND       416       104       400         Mesult Result Reporting Limit Analyzed Method Blank BS % Recovery       True Value QC         <10.0	<0.150

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## Analytical Results For:

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

Received: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: 236730 Sample Received By: Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: SW-48 0-2' (H235458-62)

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	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 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	<16.0	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	119 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	147	% 49.1-14	8						

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Celey D. Keene



Shari Cisneros

Sample Received By:

## Analytical Results For:

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

Received: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil
Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730

Project Location: DEVON - LEA CO., NM

## Sample ID: SW-49 0-2' (H235458-63)

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	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	<16.0	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

## Sample ID: SW-50 0-2' (H235458-64)

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	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	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	<16.0	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	111 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

## Sample ID: SW-51 0-2' (H235458-65)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 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	384	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	117	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	143	% 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:

Applyzod By: 14

Received: 10/06/2023 Reported: 10/10/2023

GAUCHO UNIT 30 CTB 1

ma/ka

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

# Sample ID: CS-79 5' (H235458-66)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 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	192	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139	% 49.1-14	8						

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Celey D. Keine



Shari Cisneros

Sample Received By:

## Analytical Results For:

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

Received: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730

Project Location: DEVON - LEA CO., NM

## Sample ID: CS-80 5' (H235458-67)

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	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 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	240	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

ma/ka

## Sample ID: CS-81 5' (H235458-68)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	2160	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

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10/05/2023

## Analytical Results For:

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

Sampling Date:

Sample Received By:

Received: 10/06/2023

236730

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Shari Cisneros

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS-82 5' (H235458-69)

Project Number:

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	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	6 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	2520	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/09/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/09/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/09/2023	ND					
Surrogate: 1-Chlorooctane	105 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	6 49.1-14	8						

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Sample Received By:

10/05/2023

Shari Cisneros

## Analytical Results For:

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

Fax To:

Received: 10/06/2023 Sampling Date:

Reported: 10/10/2023 Sampling Type: Soil
Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730

Project Location: DEVON - LEA CO., NM

## Sample ID: CS-83 5' (H235458-70)

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	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 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	2280	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



## Analytical Results For:

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

Received: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

## Sample ID: CS-84 5' (H235458-71)

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	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	3200	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	116 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

## Sample ID: SW-52 0-5' (H235458-72)

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	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	2800	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 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: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

### Sample ID: SW-53 0-5' (H235458-73)

RTFY 8021R

Blank BS 2.09 2.04 2.13 6.46	% Recovery 104 102 106 108	True Value QC 2.00 2.00 2.00 6.00	1.04 1.51 1.82 1.74	Qualifier
2.04 2.13 6.46	102 106	2.00 2.00	1.51 1.82	
2.13 6.46	106	2.00	1.82	
6.46				
	108	6.00	1.74	
·				
Blank BS	% Recovery	True Value QC	RPD	Qualifier
416	104	400	7.41	
Blank BS	% Recovery	True Value QC	RPD	Qualifier
192	96.1	200	7.64	
208	104	200	18.1	
1				
,	192 208	192 96.1 208 104	192 96.1 200 208 104 200	192 96.1 200 7.64 208 104 200 18.1

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### Analytical Results For:

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

Received: 10/06/2023 Sampling Date: 10/05/2023

Reported: 10/10/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Shari Cisneros

Project Location: DEVON - LEA CO., NM

### Sample ID: SW-54 0-5' (H235458-74)

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	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	32.0	16.0	10/10/2023	ND	416	104	400	7.41	
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	10/09/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/09/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/09/2023	ND					
Surrogate: 1-Chlorooctane	110 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129 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:

Applyzod By: 14

Received: 10/06/2023 Reported: 10/10/2023

GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO UNIT Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

### Sample ID: SW-55 0-5' (H235458-75)

RTFY 8021R

BIEX 8021B	mg/	кg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	10/10/2023	ND	416	104	400	3.77	
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	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126 9	% 49.1-14	8						

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### **Notes and Definitions**

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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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Bill to: (if different)

Project Manager	ager Ethan Sessums	ssums			Bill to: (if different	ent)	×	Wesley Matthews	tthews		Work Order Comments	Comp	nents	
Company Name		NTG Environmental			Company Name	me:	De	Devon		Pro	Program: UST/PST   PRP   Bro	wnfield	RC	uperfund
Address:	209 W McKay St	cKay St			Address:					Sta				Cabourne
City, State ZIP		Carlsbad, NM 88220			City, State ZIP	P				Rep	Reporting:Level III Level III P	□PST/UST	□RRP	Level IV
Phone:	432-701-2159	2159		Email	Email: esessums@ntglobal.com	ntglobal	.com			Deli	Deliverables: EDD	ADaPT 🗆	Other:	
Project Name	e.	Gaucho 30 CTB	_	Tun	Turn Around					ANALYSIS REQUEST	T		Preservative Codes	in Codos
Project Number	ber	236730		Routine	√ Rush	Pres.	25.	1				Nana		o coucs
Project Location	tion	Lea Co. NM		Due Date:	48hrs		100	+				Noile, NO		DI VValei. n <sub>2</sub> O
Sampler's Name	ame:	Dmitry Nikanorov		TAT starts the	TAT starts the day received by the	the last	-	RO)				100 HO	24	MEON. ME
PO#		21105841		lab, if rece	lab, if received by 4:30pm			+ MF				HOL HO		HNO3: HN
SAMPLE RECEIPT	RECEIPT	Temp Blank:	Yes (No	Wet Ice:	Yes) No	eter		DRO	00			H_PO HP	u	NaOn, Na
Received Intact	act	(Yes) No	Thermometer ID:	neter ID:	OH!	ran			e 45		.D		NaHSO NARIS	
Cooler Custody Seals		Yes (NO) N/A	Correction	Correction Factor	١	Pa	EX	3,22	orid		ноі		Na.S.O. NaSO.	
Sample Custody Seals		Yes NO NIA	Tempera	Temperature Reading:	1.90		BI	57	Chi			_	Zn Acetate+NaOH-Zn	Zn
Total Containers	ners:	75	Correcte	Corrected Temperature:	)			801				NaOH	NaOH+Ascorbic Acid SAPC	cid SAPC
Sample Identification	e Depth (ft bgs)	bgs) Date	Time	Soil	Water Co	Grab/ # of Comp Cont	at of	TPI					Sample Comments	mments
CS-34	4 4'	10/5/2023		×	Co	Comp 1	×	×	×					
CS-35	4.	10/5/2023		×	Co	Comp 1	×	×	×			1		
CS-36	6 4	10/5/2023		×	Co	Comp 1	×	×	×			1		
CS-37	7 4	10/5/2023		×	Co	Comp 1	×	×	×			1		
CS-38	8	10/5/2023		×	Co	Comp 1	×	×	×			1		
CS-39	9 4'	10/5/2023		×	Co	Comp 1	×	×	×			1		
CS-40	4.	10/5/2023		×	Co	Comp 1	×	×	×			1		
CS-41	1 2'	10/5/2023		×	Co	Comp 1	×	×	×			1		
CS-42	2 2'	10/5/2023		×	co	Comp 1	×	×	×			1		
CS-43	3 2'	10/5/2023		×	Co	Comp 1	×	×	×					
7/2024	Additional Comments:	nents:												
Notice: Signature of service. Xenu of Xenco. A mir	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. 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 a 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 e	relinquishment of san the cost of samples an will be applied to each	pies constitud shall not a project and	utes a valid purchas ssume any respons a charge of \$5 for e	se order from clie sibility for any los ach sample subn	int company ises or expe	to Xenco	, its affilia irred by th ot analyze	tes and su e client if d. These	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 flable 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.	and conditions yond the control negotiated.			
	Relinquished by: (Signature)	e)	Receive	Received by: (Signature	ire)		Date	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	ure)	Da	Date/Time
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Page 78 of 85

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Additional Comments:

CS-52 CS-51 CS-50 CS-49 CS-48 CS-47 CS-46

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10/5/2023

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Comp Comp

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 \$6 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Received by: (Signature) Commercia

10/10/23

12:53

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

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



						L			Seals	Seals		CEIPT	L										2
2'	2'	2	2	2	2	2	Depth (ft bgs)		S			T						432-701-2159	Carlsbad, NM 88220	209 W McKay St	NTG Environmental	Ethan Sessums	ENVIRONMENTA
							t bgs)		Yes (N	Yes h	(Yes	Temp	21	Dmitry	Lea	2	Gauch	-2159	, NM 88	AcKay S	vironme	essums	
10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	Date	75	NO NIA	NO NIA	Z	Temp Blank:	21105841	<b>Dmitry Nikanorov</b>	Lea Co, NM	236730	Gaucho 30 CTB 1		3220	*	ntal		
							Time	Corrected	Temperat	Correction Factor	Thermometer ID:	Yes (No											
×	×	×	×	×	×	×	Soil	Corrected Temperature:	Temperature Reading:	n Factor	leter ID:	Wet ice:	lab, if rece	TAT starts the day received by the	Due Date:	Routine	Tur	Email					
							Water		1.9	1	4140	(Yes)	lab, if received by 4:30pm	day receive	48	✓ Rush	Turn Around	Email: esessums@ntglobal.com	City, State ZIP	Address	Company Name	Bill to: (if different)	
Comp	Grab/ Comp	,	90	ľ	0	No	MqDr	ed by the	48hrs	5		ns@ntgle	te ZIP		y Name	different)	0						
-	-	1	-	1	1	1	# of Cont			P	arar	nete	rs			Code		obal.com					Chain of Custody
×	×	×	×	×	×	×			В	TEX	802	18									Devon	Wesley Matthews	) of
×	×	×	×	×	×	×	TPI	1 801	-			DRO	) + N	IRO	)							Matthe	Cu
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																		P	/el III [		Ř	ork Or	Work Order No: &
_	_							Z	2		DLD	I	I	I	0	z		ADaPT 🗆	PST/L		rownf	der Co	No:
							Sample	aOH+Ascorb	Zn Acetate+NaOH: Zn	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO	NaHSO, NABIS	H <sub>2</sub> PO <sub>4</sub> , HP	H2S04: H2	HCL HC	Cool. Cool	None: NO	Preserv	Other:	IST   TRRF	State of Project:	ields RR	Work Order Comments	Work Order No: <u>W235458</u>
							Sample Comments	NaOH+Ascorbic Acid: SAPC	aOH: Zn	0,	SIIS		NaOH: Na	HNO3: HN	MeOH: Me	DI Water, H <sub>2</sub> O	Preservative Codes	Ä	Reporting:Level II  Level III  PST/UST  PRRP  Level IV		C _uperfund		2 of 8
0-	0.0	20	_		ź	15	86			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5	24		_	e e	9	_	RE		-			Page 79 of 85

Phone:

City, State ZIP

Company Name

Address:

Project Name:

Received Intact: SAMPLE RE

Cooler Custody S

otal Containers ample Custody

Identification Sample

CS-45 CS-44 Sampler's Name Project Location Project Number

Project Manager

Ethan Sessums

Company Name: Address

209 W McKay St NTG Environmental

> Company Name: Bill to: (if different)

Devon

State of Project:

Program: UST/PST PRP Brownfields RRC

□uperfund □

Wesley Matthews

Work Order No: 1235458

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Page _	

City, State ZIP:	Carlsbad, NM 88220	88220			City, State ZIP	a ZIP:								Reporti	ng:Leve	Reporting:Level II Level III PST/UST	III PST/	UST   TRRP	RP Level IV
Phone:	432-701-2159			Email:	esessum	Email: esessums@ntglobal.com	bal.com							Deliverables: EDD	ables: E	DO C	ADaPT	□ Other	her
Project Name:	Gauc	Gaucho 30 CTB 1		Turr	Turn Around							ANALY	ALYSIS REQUEST	UEST				Preservative Codes	Val
Project Number:		236730		Routine	√ Rush		Pres. Code		$\dashv$	+					$\dashv$			None: NO	
Project Location	Le	Lea Co, NM		Due Date:	48hrs	S				+					$\dashv$			Cool: Cool	
Sampler's Name:	Dmit	Dmitry Nikanorov		TAT starts the day received by the	day receive	d by the			RO)	_					_			H 다 등	
PO#	85	21105841		lab, if rece	lab, if received by 4:30pm	pm	s		+ M	_		_	_			_	_	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	
SAMPLE RECEIPT		Temp Blank:	Yes (No)	) Wet lce:	Yes	No	eter	В	DRO	00					_	_		H.PO. HP	
Received Intact		S) No	Thermometer ID:	eter ID:	加五	D	ram	8021	0 + I	e 45		_						NaHSO, NABIS	B
Cooler Custody Seals	Ye	03	Correction Factor	Factor		1	Pa	EX		oria					_		ноі	Na.S <sub>2</sub> O <sub>2</sub> NaSO <sub>3</sub>	SO
Sample Custody Seals		NO NIA	Temperat	Temperature Reading:	1.9	חנ		ВТ	-	Chi								Zn Acetate+NaOH: Zn	NaC
Total Containers:		75	Corrected	Corrected Temperature				37.1	801	_					_			NaOH+Ascorbic Acid: SAPC	Orbic
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH	-								Sample Comments	le C
CS-54	21	10/5/2023		×		Comp	-	×	×	×					-				
CS-55	2	10/5/2023		×		Comp	-	×	×	×					4				
CS-56	2'	10/5/2023		×		Comp	-	×	×	×					_				
CS-57	2	10/5/2023		×		Comp	_	×	×	×					+				
CS-58	2'	10/5/2023		×		Comp	_	×	×	×					+				
CS-59	2'	10/5/2023		×		Comp	-	×	×	×					4				
CS-60	2"	10/5/2023		×		Comp	4	×	×	×					-				
CS-61	2"	10/5/2023		×		Comp	-	×	×	×					-				
CS-62	2"	10/5/2023		×		Comp	-	×	×	×					-				
CS-63	2"	10/5/2023		×		Comp	-1	×	×	×					H				
Additio	Additional Comments:	9:																	
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 \$55.00 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 reling liable only for the co arge of \$85.00 will be	uishment of samp st of samples and applied to each p	les constitut shall not as project and a	es a valid purchas sume any respons charge of \$5 for e	e order from	n client comp ny losses or e submitted to	pany to Xer expenses in Xenco, bu	nco, its a ncurred at not an	iffiliates a by the cli alyzed. Ti	and subco lent if suc hese term	ntractors h losses a	. It assig ire due to anforced	ns standard circumstanc	terms and ses beyond	d the condition	ns trol			
Relinquished by: (Signature	(Signature)		Receive	Received by: (Signature)	re)		D	Date/Time	ne	D	elinquis	shed by	Relinquished by: (Signature)	ıre)	Re	Received by: (Signature)	(Signature	(3	Date/Time
3 DL		Man	Cer	MANON		1/	10/10/	23	13:01	A 2									
Ch .										0)			N	4				1	

# Chain of Custody

City, State ZIP:

Carlsbad, NM 88220 209 W McKay St NTG Environmental

City, State ZIP

Company Name: ddress:

Bill to: (if different)

Company Name:

Devon

Wesley Matthews

Phone	432-701-2159			Email:	Email: esessums@ntglobal.com	ntglobal.	com				Deliverables: EDD	s: EDD	ADaP	ADaPT Other	97
Project Name:	Gauc	Gaucho 30 CTB 1		Turn	Turn Around					ANALYSIS REQUEST	UEST			Preserv	Preservative Codes
Project Number:		236730		Routine	√ Rush	Code	de s							None: NO	DI Water H <sub>2</sub> O
Project Location	Le	Lea Co, NM		Due Date:	48hrs									Cool: Cool	MeOH: Me
Sampler's Name:	Dmit	Dmitry Nikanorov		TAT starts the	~	the		RO			_		_	HCL HC	HNO <sub>3</sub> : HN
PO#	2	21105841		lab, if recei	lab, if received by 4:30pm			+ M						H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes (No	Wet Ice:	Yes No	ieter	_	DRO						H.PO. HP	
Received Intact:	Yes	No	Thermometer ID	eter ID:		ran					_	_	LD	NaHSO, NABIS	SIIS
Cooler Custody Seals	Yes	a l	Correction Factor	n Factor:	1	Pa	EX	-	lorid			_	но	Na_S <sub>2</sub> O <sub>4</sub> NaSO <sub>3</sub>	0
Sample Custody Seals	Yes (	~	Temperat	Temperature Reading	19:		01							Zn Acetate+NaOH: Zn	aOH: Zn
Total Containers:		75	Corrected	Corrected Temperature:				801						NaOH+Ascorb	NaOH+Ascorbic Acid: SAPC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water Comp	ab/ # of mp Cont	at of	ТРН						Sample	Sample Comments
CS-64	2'	10/5/2023		×	Comp	mp 1	-	×	×						
CS-65	2"	10/5/2023		×	Comp	mp 1		×	×						
CS-66	2	10/5/2023		×	Comp	mp 1	_	×	×						
CS-67	2'	10/5/2023		×	Comp	mp 1		×	×						
CS-68	2'	10/5/2023		×	Comp	mp 1		×	×						
CS-69	2'	10/5/2023		×	Comp	mp 1		×	×				+		
CS-70	2'	10/5/2023		×	Comp	mp 1		×	×						
CS-71	2	10/5/2023		×	Comp	mp 1		×	×				+		
CS-72	2'	10/5/2023		×	Comp	mp 1	1.0	×	×						
CS-73	4'	10/5/2023		×	Comp	mp 1		×	×						
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. 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 for 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	document and relinque liable only for the co	uishment of samp st of samples and applied to each p	les constitu shall not as project and a	tes a valid purchas ssume any respons charge of \$5 for e	e order from clies libility for any los ach sample subm	nt company ses or expe nitted to Xer	to Xenc nses inc nco, but	o, its affi urred by not analy	iliates and the client zed. Thes	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.	terms and con ces beyond the lously negotiate	ditions control			
Relinquished by: (Signature	(Signature)		Receive	Received by: (Signature)	re)		Dat	Date/Time	,,,	Relinquished by: (Signature)	ure)	Received by: (Signature)	Signatu	ure)	Date/Time
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Work Order Comments
Page4 of8 Work Order Comments

Page 81 of 85

Additional Comments:

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 \$6 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. 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

Received by: (Signature)

10/10/23

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Date/Time

Relinquished by: (Signature)

Received by (Signature)

Date/Time

Relinquished by: (Signature)



Project Manager:	Ethan Sessums	S			Bill to: (if different)	differenti		Wesley Matthews	w Mat	hews		Work
Company Name:	NTG Environmental	ental			Company Name	Name:		Devon				Program: UST/PST PRP
Address:	209 W McKay St	St			Address:							State of Project:
City, State ZIP:	Carlsbad, NM 88220	38220			City, State ZIP	e ZIP:						Reporting:Level II Level III
Phone:	432-701-2159			Email:	esessur	esessums@ntglobal.com	obal.con	13				Deliverables: EDD
Project Name:	Gauc	Gaucho 30 CTB 1		Turr	Turn Around						ANALYSIS REQUEST	QUEST
Project Number		236730		Routine	✓ Rush	,	Pres, Code					
Project Location	Le	Lea Co, NM		Due Date:	48hrs	hrs						
Sampler's Name:	Dmit	Dmitry Nikanorov		TAT starts the day received by the	day receive	ed by the			RO)			
PO#	2	21105841		lab, if rece	lab, if received by 4:30pm	Opm	s		+ M			
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet ice:	CYBS.	No.	eter	В	DRO	00		
Received Intact:	(Yes)	S No	Thermometer ID:	eter ID:	1 # 10	140	ram	802	0+1	le 45		
Cooler Custody Seals	Yes	NO NIA	Correction Factor	Factor:	1	1	Pa	EX	GR	lorid		
Sample Custody Seals	Yes (	NO NIA	Temperati	Temperature Reading:	1.5	6.		В	5M (	Ch		
Total Containers:		75	Corrected	Corrected Temperature.		,			801			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН			
CS-74	4'	10/5/2023		×		Comp	_	×	×	×		
CS-75	4"	10/5/2023		×		Comp	_	×	×	×		
CS-76	4'	10/5/2023		×		Comp	4	×	×	×		
CS-77	4'	10/5/2023		×		Comp	-	×	×	×		
CS-78	4.	10/5/2023		×		Comp		×	×	×		
SW-32	0-4	10/5/2023		×		Comp	_	×	×	×		
SE-WS	0-4"	10/5/2023		×		Comp	-	×	×	×		
SW-34	0-4'	10/5/2023		×		Comp	_	×	×	×		
SW-35	2-4'	10/5/2023		×		Comp	_	×	×	×		
SW-36	0-4	10/5/2023		×		Comp	-	×	×	×		

HOLD

H2SO4 H2 HCL HC

NaOH: Na HNO HN MeOH: Me DI Water: H<sub>2</sub>O

None: NO Cool: Cool

Preservative Codes

H,PO, HP

Zn Acetate+NaOH: Zn Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> NaSO<sub>3</sub> NaHSO, NABIS

NaOH+Ascorbic Acid: SAPC

Sample Comments

16

	Other	ADaPT	Deliverables: EDD
	□ RRP	□PST/UST	Reporting:Level II   Level III   PST/UST   TRRP   Level IV
	s _RRC	Brownfield	Program: UST/PST PRP srownfields RRC uperfund State of Project:
	nents	<b>Work Order Comments</b>	Work C
10	Page5 of8		

P8 5 4 8
Work Order No: H235958 ge 82 of 85



Project Manager	
Ethan Cassims	NUIRONMENTAL

Project Manager	Ethan Sessums	S			Bill to: (it different)	DI)	We	Wesley Matthews	tthews		Work Ord	Work Order Comments	
Company Name:	NTG Environmental	nental			Company Name	ne:	Devon	von		ס	Program: UST/PST PRP Brownfields RRC	rownfields RRC	
Address:	209 W McKay St	St			Address:					S	State of Project:	C	
City, State ZIP:	Carlsbad, NM 88220	88220			City, State ZIP	.9				70	Level III	□PST/UST □TRRP	Level IV
Phone:	432-701-2159			Email:	Email: esessums@ntglobal.com	ntglobal	com			a	Deliverables: EDD	ADaPT Other	1
Project Name:	Gau	Gaucho 30 CTB 1		Turr	Turn Around					ANALYSIS REQUEST	EST	Preservative Codes	= 1
Project Number:		236730		Routine	√ Rush	Pres.	P 28					None: NO	DI Water H <sub>2</sub> O
Project Location	L	Lea Co, NM		Due Date:	48hrs			1				Cool Cool	MeOH- Me
Sampler's Name:	Dmi	Dmitry Nikanorov		TAT starts the	TAT starts the day received by the	the		RO)				HCT HC	HNO. HN
PO#		21105841		lab, if rece	lab, if received by 4:30pm		3	+ M				H-SO. H-	
SAMPLE RECEIPT		Temp Blank:	Yes (No	Wet loe:	Yes No	eter			00			AH CAH	
Received Intact		No	Thermometer ID:	eter ID:		ram	021	-	e 45			_	
Cooler Custody Seals	Yes	5	Correction Factor	Factor	1	Pai			oride			HOL NO STANLED	
Sample Custody Seals	Yes	4	Temperat	Temperature Reading	000	_	вт	-	Chle			Zn Acetate+NaOH: Zn	Ļ
Total Containers:			Corrected	Corrected Temperature:	1	Ц	_	8015				NaOH+Ascorbic Acid: SAPC	AC :
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water Comp	ab/ # of mp Cont	¥ 94	ТРН				Sample Comments	9
SW-37	0-4"	10/5/2023		×	Comp	mp 1	×	×	×				
SW-38	0-4'	10/5/2023		×	Comp	mp 1	×	×	×				
SW-39	0-4"	10/5/2023		×	Comp	mp 1	×	×	×				- 1
SW-40	0-4	10/5/2023		×	Comp	mp 1	×	×	×				
SW-41	0-4"	10/5/2023		×	Comp	mp 1	×	×	×				
SW-42	0-4	10/5/2023		×	Comp	mp 1	×	×	×				
SW-43	0-4'	10/5/2023		×	Comp	mp 1	×	×	×				
SW-44	0-4	10/5/2023		×	Comp	mp 1	×	×	×				
SW-45	0-4"	10/5/2023		×	Comp	mp 1	×	×	×				
SW-46	0-4'	10/5/2023		×	Comp	mp 1	×	×	×				
Additi	Additional Comments:	S.											
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. 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 at 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 expenses and submitted to Xenco, but not analyzed.	pature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors.  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 Aminimum 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 en	quishment of samp ost of samples and e applied to each p	les constitut shall not as	es a valid purchas sume any respons charge of \$5 for e	se order from clier sibility for any los	nt company ses or expe	to Xenco	, its affilia rred by th ot analyze	tes and s e client if ed. These	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.	ms and conditions beyond the control ly negotiated.		
Relinquished by: (Signature	y: (Signature)		Receive	Received by: (Signature)	re)		Date	Date/Time		Relinquished by (Signature)	) Received by: (Signature)		Date/Time
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						-			6				

Page 83 of 85



Company Name:

209 W McKay St NTG Environmental

> Bill to: (if different) Company Name:

Devon

Wesley Matthews

Phone	432-701-2159			Email: es	esessums@ntglobal.com	global.com	13	
Project Name:	Gauch	Gaucho 30 CTB 1		Turn Around	round			
Project Number:		236730		Routine	✓ Rush	Code		
Project Location	Lea	Lea Co, NM	Due	Due Date:	48hrs			
Sampler's Name:	Dmitr	Dmitry Nikanorov	TAT	starts the day	TAT starts the day received by the	w		(RO)
PO#	2	21105841		lab, if received by 4:30pm	d by 4:30pm			+ N
SAMPLE RECEIPT		Temp Blank:	Yes No W	Wet Ice:	Yes No	eter	В	ORO
Received Intact:	Yes		nometer	Q	9h/#	ram	8021	) + C
Cooler Custody Seals	Yes	NA C	Correction Factor	07	1	Pa	EX	GR
Sample Custody Seals	Yes	NO NIA	Temperature Reading	eading:	1.9%		вт	5M (
Total Containers:		75 C	Corrected Temperature	perature:				8015
Sample	Depth (ff has)	Date	Time		Water Grab/	# of		TPH
SW-47	0-4"	10/5/2023			Comp	Cont	<	<
SW-48	0-2'	10/5/2023		×	Comp	1	×	×
SW-49	0-2'	10/5/2023		×	Comp	1	×	×
SW-50	0-2'	10/5/2023		×	Comp	0 1	×	×
SW-51	0-2'	10/5/2023		×	Comp	0 1	×	×
CS-79	5 <u>ī</u>	10/5/2023		×	Comp	0	×	×
CS-80	OĮ.	10/5/2023		×	Comp	0 1	×	×
CS-81	51	10/5/2023		×	Comp	1	×	×
CS-82	5	10/5/2023		×	Comp	1	×	×
CS-83	OĮ.	10/5/2023		×	Comp	1	×	×
Additio	Additional Comments:							
iotice: Signature of this of service. Xenco will be of Xenco. A minimum ch	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 newtoneth menoritated.	shment of sample t of samples and si	constitutes a va	lid purchase o	rder from client ity for any losse	company to X	Xenco, its s incurred but not a	affiliates d by the c
Relinquished by: (Signature	y: (Signature)	T	Received by: (Signature	(Signature)			Date/Time	me
D	~	Mouri	CUN	DANG		10/10	23	12:53

	F	age	Page 7 of 8
Work (	Work Order Comments	ents	
Program: UST/PST   PRP   Brownfields   RRC   uperfund	Brownfields	RRC	□uperfund □
State of Project:			
Reporting:Level II   Level III   PST/UST   TRRP   Level IV	□PST/UST	TRRP	☐ Level IV ☐
Deliverables: EDD	ADaPT	Other:	

	1		
Page	84	of	85

Work Order No: 423



N.	ENVIRONMENTAL																		Page	8 of 8	
							IAI	Mar Mar	thouse.	1						Wor	k Orde	r Con	Work Order Comments		
roject Manager:	Ethan Sessums				Bill to: (if different)	Ous	2 440	AACOICA MICHIGAN	01040				P	gram:	IST/PS	T PR	P Bro	wnfie	Program: UST/PST   PRP   Brownfields   RRC	Cuperfund	a
Company Name:	NTG Environmental	ntal			Company Name	me	Devon	On					9 ;	State of Project:	niert.	Ę	ŗ		1		
	209 W McKay St	~			Address:								1 00	10 01 1	ojecr.		7	OTHIO	T TRRP	P   Level IV	ì
e ZIP	Carlsbad, NM 88220	8220			City, State ZIP	Ġ.							I Re	Reporting: Level   Lev	evel II I	] Leve	3 5	LPSI/US			[
	432-701-2159			Email:	esessums@ntglobal.com	ntglobal	com						De	Deliverables: EDD	S: EUU		1	ar I		g	
	Cauch	Caucho 30 CTR 1		Turn	Turn Around						ANA	YSIS	LYSIS REQUEST	ST					Presen	Preservative Codes	
Project Number	2	236730		Routine	✓ Rush	Co	Pres.						-	+			-	No	None: NO	DI Water: H <sub>2</sub> O	H <sub>2</sub> O
ojeot remiser	D	es Co NM		Due Date:	48hrs					_							_	CC	Cool: Cool	MeOH: Me	,,,
Sampler's Name	Dmitn	Dmitry Nikanorov		TAT starts the day received by the	day received by	/ the		MRO		_	-		_	_			_	: I	HCLHC	NaOH Na	
00#	2	21105841		lab, if recei	lab, if received by 4:30pm		ers	0+	,	_							_	E 3	H DO HD		
SAMPLE RECEIPT		Temp Blank:	Yes (No.)	Wet Ice:	(Yes) No		mete	_	4500										NaHSO, NABIS	BIS	
Received Intact:	Yes	No	Thermometer ID:	ter ID:	0h1#		x 80	_	ride				_	_				HOL	Na-S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub>	SO	
Cooler Custody Seals:	Yes	O NIA	Correction Factor	Factor:			_	_	Chlo		_		_						Zn Acetate+NaOH: Zn	NaOH: Zn	
Sample Custody Seals	Yes	NA	Temperatu	Temperature Reading	1.76		_	_	(	_	_		_					Z	BOH+Ascor	NaOH+Ascorbic Acid SAPC	
Sample	Dooth (# hos)	Date	Time	Time Soil	Water		# of	ТРН						_			_		Sampl	Sample Comments	
Identification				<	2 0		-	×	×	1	+	1	-	+	1						
CS-84	O,	CZ0Z/G/01		< >	2 0	Comp	+	+	×	1	+		-	+							
SW-52	0-5'	10/5/2023		×		Comp	-	+	+	+	+	1	-	+	+		4	4			
SW-49-53	0-5'	10/5/2023		×		Comp	+	+	+	1	+	1	1	+	+		1	+			
SW-50-5+	0-5'	10/5/2023		×	C	Comp	-	+	+	-	+	T	1	+	+		1	+			
SW-64-55	0-5'	10/5/2023		×	C	Comp	-	×	>	-	+	1	1	+	+			-			
*	200					+	+	+	1		+			+	+			-			
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Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and supcontracture. It assesses that the contracture is a support of the contracture of this document and relinquishment 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 conference of the contracture of	s document and relince liable only for the co	quishment of sam ost of samples an	ples constitut d shall not as project and a	tes a valid purch sume any responsing the control of the control o	ase order from on nsibility for any each sample su	losses or ex losses to ex	any to Xen xpenses in Xenco, but	co, its am curred by not analy	the client yzed. Thes	if such lo	sses are d	ue to circ	due to circumstances beyond the control orced unless previously negotiated.	beyond sly negot	he contro ated.	2					
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October 26, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 10/20/23 12:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)

Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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 701 TRADEWINDS BLVD. SUITE C

MIDLAND TX, 79706

Project: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 26-Oct-23 09:22

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 18	H235759-01	Soil	20-Oct-23 00:00	20-Oct-23 12:20
CS - 19	H235759-02	Soil	20-Oct-23 00:00	20-Oct-23 12:20
SW - 64	H235759-03	Soil	20-Oct-23 00:00	20-Oct-23 12:20
SW - 65	H235759-04	Soil	20-Oct-23 00:00	20-Oct-23 12:20
CS - 94	H235759-05	Soil	20-Oct-23 00:00	20-Oct-23 12:20

10/26/23 - Client changed the sample IDs on -03 and -04 (see COC). This is the revised report and will replace the one sent on 10/24/23.

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 26-Oct-23 09:22

### CS - 18 H235759-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	3102046	AC	20-Oct-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5	-134	3102037	MS	21-Oct-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
Surrogate: 1-Chlorooctane			79.6 %	48.2	-134	3102035	MS	20-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			85.0 %	49.1	-148	3102035	MS	20-Oct-23	8015B	

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Celey D. Keine



### **Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 26-Oct-23 09:22

CS - 19 H235759-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	3102046	AC	20-Oct-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	))		104 %	71.5	-134	3102037	MS	21-Oct-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
Surrogate: 1-Chlorooctane			99.7 %	48.2	-134	3102035	MS	20-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	3102035	MS	20-Oct-23	8015B	

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Celey D. Keene



### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 26-Oct-23 09:22

## SW - 64 H235759-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	3102046	AC	20-Oct-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	))		104 %	71.5	-134	3102037	MS	21-Oct-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
Surrogate: 1-Chlorooctane			83.9 %	48.2	-134	3102035	MS	20-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			89.9 %	49.1	-148	3102035	MS	20-Oct-23	8015B	

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Celey D. Keine



### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 26-Oct-23 09:22

# SW - 65 H235759-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
Cardinal Laboratories											
Inorganic Compounds											
Chloride	176		16.0	mg/kg	4	3102325	AC	23-Oct-23	4500-Cl-B		
Volatile Organic Compounds by	EPA Method	8021									
Benzene*	< 0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	3102037	MS	21-Oct-23	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	3102037	MS	21-Oct-23	8021B		
Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5	-134	3102037	MS	21-Oct-23	8021B		
Petroleum Hydrocarbons by GC	FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B		
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B		
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B		
Surrogate: 1-Chlorooctane			93.5 %	48.2	-134	3102035	MS	20-Oct-23	8015B		
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	3102035	MS	20-Oct-23	8015B		

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Manager: ETHAN SESSUMS

Fax To:

Reported:

26-Oct-23 09:22

CS - 94 H235759-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	3102325	AC	23-Oct-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3102047	MS	20-Oct-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3102047	MS	20-Oct-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3102047	MS	20-Oct-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3102047	MS	20-Oct-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3102047	MS	20-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	)		122 %	71.5	-134	3102047	MS	20-Oct-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
Surrogate: 1-Chlorooctane			83.1 %	48.2	-134	3102035	MS	20-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			90.0 %	49.1	-148	3102035	MS	20-Oct-23	8015B	

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Celey D. Keene



### **Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 26-Oct-23 09:22

### **Inorganic Compounds - Quality Control**

### **Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3102046 - 1:4 DI Water										
Blank (3102046-BLK1)				Prepared &	Analyzed:	20-Oct-23				
Chloride	ND	16.0	mg/kg							
LCS (3102046-BS1)				Prepared &	Analyzed:	20-Oct-23				
Chloride	400	16.0	mg/kg	400	·	100	80-120		·	·
LCS Dup (3102046-BSD1)				Prepared &	Analyzed:	20-Oct-23				
Chloride	432	16.0	mg/kg	400		108	80-120	7.69	20	
Batch 3102325 - 1:4 DI Water										
Blank (3102325-BLK1)				Prepared &	Analyzed:	23-Oct-23				
Chloride	ND	16.0	mg/kg							
LCS (3102325-BS1)				Prepared &	Analyzed:	23-Oct-23				
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (3102325-BSD1)				Prepared &	Analyzed:	23-Oct-23				
Chloride	416	16.0	mg/kg	400		104	80-120	7.41	20	

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%REC

### **Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: GAUCHO UNIT 30 CTB 1

Spike

Source

Project Number: 236730

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 26-Oct-23 09:22

RPD

### **Volatile Organic Compounds by EPA Method 8021 - Quality Control**

### **Cardinal Laboratories**

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3102037 - Volatiles										
Blank (3102037-BLK1)				Prepared: 2	20-Oct-23 A	nalyzed: 2	1-Oct-23			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0513		mg/kg	0.0500		103	71.5-134			
LCS (3102037-BS1)				Prepared: 2	20-Oct-23 A	nalyzed: 2	1-Oct-23			
Benzene	2.17	0.050	mg/kg	2.00		109	82.8-130			
Toluene	2.21	0.050	mg/kg	2.00		110	86-128			
Ethylbenzene	2.21	0.050	mg/kg	2.00		111	85.9-128			
m,p-Xylene	4.51	0.100	mg/kg	4.00		113	89-129			
o-Xylene	2.16	0.050	mg/kg	2.00		108	86.1-125			
Total Xylenes	6.67	0.150	mg/kg	6.00		111	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0494		mg/kg	0.0500		98.7	71.5-134			
LCS Dup (3102037-BSD1)				Prepared: 2	20-Oct-23 A	nalyzed: 2	1-Oct-23			
Benzene	2.22	0.050	mg/kg	2.00		111	82.8-130	2.25	15.8	
Toluene	2.30	0.050	mg/kg	2.00		115	86-128	4.12	15.9	
Ethylbenzene	2.28	0.050	mg/kg	2.00		114	85.9-128	3.09	16	
m,p-Xylene	4.63	0.100	mg/kg	4.00		116	89-129	2.53	16.2	
o-Xylene	2.19	0.050	mg/kg	2.00		109	86.1-125	1.51	16.7	
Total Xylenes	6.81	0.150	mg/kg	6.00		114	88.2-128	2.20	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0498		mg/kg	0.0500		99.6	71.5-134			

### Batch 3102047 - Volatiles

Blank (3102047-BLK1)	Prepared & Analyzed: 20-Oct-23
Benzene ND 0.050	mg/kg
Toluene ND 0.050	mg/kg
Ethylbenzene ND 0.050	mg/kg
Total Xylenes ND 0.150	mg/kg

### Cardinal Laboratories

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

71.5-134

104

### **Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: GAUCHO UNIT 30 CTB 1

Spike

0.0500

Source

Project Number: 236730

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 26-Oct-23 09:22

RPD

### Volatile Organic Compounds by EPA Method 8021 - Quality Control

### **Cardinal Laboratories**

Reporting

0.0518

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3102047 - Volatiles										
Blank (3102047-BLK1)				Prepared &	: Analyzed:	20-Oct-23				
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0609		mg/kg	0.0500		122	71.5-134			
LCS (3102047-BS1)				Prepared &	: Analyzed:	20-Oct-23				
Benzene	2.01	0.050	mg/kg	2.00		100	82.8-130			
Toluene	2.05	0.050	mg/kg	2.00		103	86-128			
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128			
m,p-Xylene	4.05	0.100	mg/kg	4.00		101	89-129			
o-Xylene	1.97	0.050	mg/kg	2.00		98.3	86.1-125			
Total Xylenes	6.01	0.150	mg/kg	6.00		100	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0496		mg/kg	0.0500		99.2	71.5-134			
LCS Dup (3102047-BSD1)				Prepared &	Analyzed:	20-Oct-23				
Benzene	2.17	0.050	mg/kg	2.00		109	82.8-130	7.92	15.8	
Toluene	2.26	0.050	mg/kg	2.00		113	86-128	9.60	15.9	
Ethylbenzene	2.30	0.050	mg/kg	2.00		115	85.9-128	11.1	16	
m,p-Xylene	4.45	0.100	mg/kg	4.00		111	89-129	9.47	16.2	
o-Xylene	2.22	0.050	mg/kg	2.00		111	86.1-125	12.2	16.7	
Total Xylenes	6.67	0.150	mg/kg	6.00		111	88.2-128	10.4	16.3	

mg/kg

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Surrogate: 4-Bromofluorobenzene (PID)



%REC

### Analytical Results For:

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

Project: GAUCHO UNIT 30 CTB 1

Spike

Source

Project Number: 236730

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 26-Oct-23 09:22

RPD

### Petroleum Hydrocarbons by GC FID - Quality Control

### **Cardinal Laboratories**

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3102035 - General Prep - Organics										
Blank (3102035-BLK1)				Prepared &	દે Analyzed:	20-Oct-23				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.3		mg/kg	50.0		80.7	48.2-134			
Surrogate: 1-Chlorooctadecane	44.0		mg/kg	50.0		88.0	49.1-148			
LCS (3102035-BS1)				Prepared &	k Analyzed:	20-Oct-23				
GRO C6-C10	171	10.0	mg/kg	200		85.4	66.4-123			
DRO >C10-C28	177	10.0	mg/kg	200		88.3	66.5-118			
Total TPH C6-C28	348	10.0	mg/kg	400		86.9	77.6-123			
Surrogate: 1-Chlorooctane	40.7		mg/kg	50.0		81.4	48.2-134			
Surrogate: 1-Chlorooctadecane	41.4		mg/kg	50.0		82.9	49.1-148			
LCS Dup (3102035-BSD1)				Prepared &	k Analyzed:	20-Oct-23				
GRO C6-C10	165	10.0	mg/kg	200		82.7	66.4-123	3.31	17.7	
DRO >C10-C28	168	10.0	mg/kg	200		84.2	66.5-118	4.82	21	
Total TPH C6-C28	334	10.0	mg/kg	400		83.4	77.6-123	4.08	18.5	
Surrogate: 1-Chlorooctane	39.6		mg/kg	50.0		79.2	48.2-134			
Surrogate: 1-Chlorooctadecane	40.4		mg/kg	50.0		80.8	49.1-148			

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### **Notes and Definitions**

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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Celey D. Keine

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL
Laboratories

101 East Marland, Hobbs, NM 88240

01 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name: NTGE	BILL TO	ANALYSIS REQUEST
Project Manager: Ethen Sessums	P.O.# 21105841	
Address: 209 W Mikey St	Company: DEVON	
d	~	
101-1159	Address:	
Project #: 236730 Project Owner:		1
Project Name: Coucho 30 CTB	State: Zip:	51
Project Location: Len Co, UM	#	1
Sampler Name: Kellon Sn. K.	Fax#:	800
FOR LAB USE ONLY	MATRIX PRESERV SAMPLING	ide
Lab I.D. Sample I.D.	R: /BASE: COOL	BTE? TPH Chbri
H235789	# CO GRO WAS SOIL OIL SLUE OTHE ACID	
S. CS. 20	× (10/20/23	- X - X
* 550 - ms +		
2 CS-94		
analyses. All claims including those for negligence and any one centre sectious emboy for an service with the whole of the service. In no event shall Cardinal be liable for incidental or consequential damages, including seales or successors arising out of or related to the performance of services hereunder by Cardinal Services.	2 2 6 3	or the The applicable aries,
Time? 20.23	Received By:	Verbal Result: ☐ Yes ☐ No Add i Phone #: All Results are emailed. Please provide Email address:
Relinquished By: Date:	Received By: REMARKS:	4
Observed Temp. °C	Sample Condition CHECKED BY: Turnaround Time:	Standard
Sampler - UPS - Bus - Other: Corrected Temp. °C	70	K



November 22, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 11/21/23 13:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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.

Wite Sough

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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Applyand By 14

Received: 11/21/2023 Reported: 11/22/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023

Sampling Type: Soil

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

### Sample ID: DV - 1 0-0.5 (H236332-01)

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	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 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	112	16.0	11/22/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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Mile Sough



### Analytical Results For:

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

Received: 11/21/2023 Sampling Date: 11/20/2023

Reported: Sampling Type: Soil 11/22/2023

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 1 1-1.5 (H236332-02)

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	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 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	48.0	16.0	11/22/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.4	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 1 2-2.5 (H236332-03)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 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	16.0	16.0	11/22/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.9	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 1 3-3.5 (H236332-04)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 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	16.0	16.0	11/22/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.0	% 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:

Applyzod By: 14

Received: 11/21/2023 Reported: 11/22/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 11/20/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

### Sample ID: DV - 1 4-4.5 (H236332-05)

RTFY 8021R

BIEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	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	16.0	16.0	11/22/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.4	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 2 0-0.5 (H236332-06)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 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	96.0	16.0	11/22/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.3	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 2 1-1.5 (H236332-07)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	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	80.0	16.0	11/22/2023	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.5	% 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: 11/21/2023 Reported:

11/22/2023 GAUCHO UNIT 30 CTB 1

Project Name: Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 11/20/2023

Sampling Type: Soil

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

### Sample ID: DV - 2 2-2.5 (H236332-08)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 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	11/22/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.4	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 2 3-3.5 (H236332-09)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	80.0	16.0	11/22/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: Sampling Type: Soil 11/22/2023

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 2 4-4.5 (H236332-10)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 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	48.0	16.0	11/22/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	76.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.7	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 3 0-0.5 (H236332-11)

RTFY 8021R

B1EX 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	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 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	416	16.0	11/22/2023	ND	416	104	400	3.92	
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	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.4	% 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:

11/21/2023

Reported: 11/22/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 11/20/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

### Sample ID: DV - 3 1-1.5 (H236332-12)

Received:

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	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	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	672	16.0	11/22/2023	ND	416	104	400	3.92	
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	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	60.3	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 3 2-2.5 (H236332-13)

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	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	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	384	16.0	11/22/2023	ND	416	104	400	3.92	
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	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	29.8	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.8	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 3 3-3.5 (H236332-14)

Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS           Benzene*         <0.050         0.050         11/21/2023         ND         1.99           Toluene*         <0.050         0.050         11/21/2023         ND         2.10	% Recovery 99.6 105 106	True Value QC 2.00 2.00	RPD 0.246 0.506	Qualifier
· ·	105			
Toluene* <0.050 0.050 11/21/2023 ND 2.10		2.00	0.506	
	106		0.300	
Ethylbenzene* <0.050 0.050 11/21/2023 ND 2.12		2.00	1.31	
Total Xylenes* <0.150 0.150 11/21/2023 ND 6.37	106	6.00	2.36	
Total BTEX <0.300 0.300 11/21/2023 ND				
Surrogate: 4-Bromofluorobenzene (PID 117 % 71.5-134				
Chloride, SM4500Cl-B mg/kg Analyzed By: AC				
Analyte Result Reporting Limit Analyzed Method Blank BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b> 48.0 16.0 11/22/2023 ND 416	104	400	3.92	
TPH 8015M mg/kg Analyzed By: MS				
Analyte Result Reporting Limit Analyzed Method Blank BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10* <10.0 10.0 11/21/2023 ND 236	118	200	11.4	
DRO >C10-C28* <10.0 10.0 11/21/2023 ND 231	115	200	7.05	
EXT DRO >C28-C36 <10.0 10.0 11/21/2023 ND				
Surrogate: 1-Chlorooctane 94.3 % 48.2-134				
Surrogate: 1-Chlorooctadecane 112 % 49.1-148				

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### Analytical Results For:

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

Analyzed By: JH

Received: 11/21/2023 Reported: 11/22/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 11/20/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

### Sample ID: DV - 3 4-4.5 (H236332-15)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	11/22/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	236	118	200	11.4	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 4 0-0.5 (H236332-16)

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	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	134	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	11/22/2023	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*	13.9	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	1020	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	158	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 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: 11/21/2023

11/22/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 11/20/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

### Sample ID: DV - 4 1-1.5 (H236332-17)

Reported:

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	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/22/2023	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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	2460	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	623	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: Sampling Type: Soil 11/22/2023

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 4 2-2.5 (H236332-18)

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	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	11/22/2023	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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	2770	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	764	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	18						

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### Analytical Results For:

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

Received: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 4 3-3.5 (H236332-19)

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	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/22/2023	ND	416	104	400	0.00	
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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	53.5	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 4 4-4.5 (H236332-20)

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	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/22/2023	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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	65.5	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

#### Sample ID: DV - 5 0-0.5 (H236332-21)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2023	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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	107	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

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

Received: 11/21/2023 Sampling Date: Sampling Type:

11/20/2023

Reported: Project Name: 11/22/2023

Sampling Condition:

Soil Cool & Intact

Project Number:

GAUCHO UNIT 30 CTB 1 236730

Sample Received By:

Tamara Oldaker

Project Location:

DEVON - LEA CO., NM

Sample ID: DV - 5 1-1.5 (H236332-22)

BTEX 8021B	mg/	kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	163 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/22/2023	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*	46.3	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	1040	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	128	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127 9	% 49.1-14	8						

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\*=Accredited Analyte

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### Analytical Results For:

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

Received: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 5 2-2.5 (H236332-23)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2023	ND	416	104	400	0.00	
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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	74.6	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 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:

Applyzod By: 14

Received: 11/21/2023 Reported: 11/22/2023

GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023

Sampling Type: Soil

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

## Sample ID: DV - 5 3-3.5 (H236332-24)

RTFY 8021R

B1EX 8021B	mg	<sup>и</sup> кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/22/2023	ND	416	104	400	0.00	
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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	144	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	16.4	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 5 4-4.5 (H236332-25)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/22/2023	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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 6 0-0.5 (H236332-26)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	11/22/2023	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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	98.1	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	13.5	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 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: 11/21/2023 Reported: 11/22/2023

GAUCHO UNIT 30 CTB 1

Project Name: Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 11/20/2023

Sampling Type: Soil

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

Sample ID: DV - 6 1-1.5 (H236332-27)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	11/22/2023	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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	1500	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	351	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 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:

11/21/2023 11/22/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 11/20/2023

Sampling Type: Soil

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

### Sample ID: DV - 6 2-2.5 (H236332-28)

Received:

Reported:

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/22/2023	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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	4100	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	971	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 6 3-3.5 (H236332-29)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	11/22/2023	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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	286	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	65.9	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: Sampling Type: Soil 11/22/2023

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 6 4-4.5 (H236332-30)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	11/22/2023	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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	193	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	35.6	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 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: 11/21/2023 Reported: 11/22/2023

GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023

Sampling Type: Soil

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

## Sample ID: DV - 7 0-0.5 (H236332-31)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/22/2023	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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 7 1-1.5 (H236332-32)

RTFY 8021R

B1EX 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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/22/2023	ND	416	104	400	0.00	
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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.2	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 7 2-2.5 (H236332-33)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/22/2023	ND	416	104	400	0.00	
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	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	18						

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### Analytical Results For:

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

Received: 11/21/2023 Sampling Date: 11/20/2023

Reported: Sampling Type: Soil 11/22/2023

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 7 3-3.5 (H236332-34)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/22/2023	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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	12.5	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	74.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.9	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 7 4-4.5 (H236332-35)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	208	16.0	11/22/2023	ND	400	100	400	3.92	
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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	47.5	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	11.7	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 8 0-0.5 (H236332-36)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	160	16.0	11/22/2023	ND	400	100	400	3.92	
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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.3	% 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: 11/21/2023 Reported: 11/22/2023

GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023

Sampling Type: Soil

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

## Sample ID: DV - 8 1-1.5 (H236332-37)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	< 0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	128	16.0	11/22/2023	ND	400	100	400	3.92	
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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	72.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.2	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: Sampling Type: Soil 11/22/2023

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 236730 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 8 2-2.5 (H236332-38)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	320	16.0	11/22/2023	ND	400	100	400	3.92	
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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.2	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 8 3-3.5 (H236332-39)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	144	16.0	11/22/2023	ND	400	100	400	3.92	
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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	25.8	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

#### Sample ID: DV - 8 4-4.5 (H236332-40)

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	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	< 0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	16.0	16.0	11/22/2023	ND	400	100	400	3.92	
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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 1 5-5.5 (H236332-41)

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	11/21/2023	ND	2.07	104	2.00	3.99	
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 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	<16.0	16.0	11/22/2023	ND	400	100	400	3.92	
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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	82.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 2 5-5.5 (H236332-42)

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	11/21/2023	ND	2.07	104	2.00	3.99	
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	11/22/2023	ND	400	100	400	3.92	
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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 3 5-5.5 (H236332-43)

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	11/21/2023	ND	2.07	104	2.00	3.99	
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 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	<16.0	16.0	11/22/2023	ND	400	100	400	3.92	
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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	79.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.4	% 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:

11/21/2023 Reported: 11/22/2023

Project Name: GAUCHO UNIT 30 CTB 1

Project Number: 236730

Project Location: DEVON - LEA CO., NM Sampling Date: 11/20/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

# Sample ID: DV - 4 5-5.5 (H236332-44)

Received:

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	11/21/2023	ND	2.07	104	2.00	3.99	
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	16.0	16.0	11/22/2023	ND	400	100	400	3.92	
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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.0	% 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: 11/21/2023 Reported: 11/22/2023

11/22/2023 GAUCHO UNIT 30 CTB 1

Project Name: GAUCHO Project Number: 236730

Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023

Sampling Type: Soil

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

## Sample ID: DV - 5 5-5.5 (H236332-45)

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	11/21/2023	ND	2.07	104	2.00	3.99	
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	<16.0	16.0	11/22/2023	ND	400	100	400	3.92	
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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	85.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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Tamara Oldaker

Sample Received By:

### Analytical Results For:

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

Received: 11/21/2023 Sampling Date: 11/20/2023

Reported: Sampling Type: Soil 11/22/2023 Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact

Project Number: 236730

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 6 5-5.5 (H236332-46)

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	11/21/2023	ND	2.07	104	2.00	3.99	
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 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	<16.0	16.0	11/22/2023	ND	400	100	400	3.92	
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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 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: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: DV - 7 5-5.5 (H236332-47)

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	11/21/2023	ND	2.07	104	2.00	3.99	
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 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	<16.0	16.0	11/22/2023	ND	400	100	400	3.92	
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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	92.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Mile Sough

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

### Analytical Results For:

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

Received: 11/21/2023 Sampling Date: 11/20/2023

Reported: 11/22/2023 Sampling Type: Soil

Project Name: GAUCHO UNIT 30 CTB 1 Sampling Condition: Cool & Intact
Project Number: 236730 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

#### Sample ID: DV - 8 5-5.5 (H236332-48)

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	11/21/2023	ND	2.07	104	2.00	3.99	
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 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	<16.0	16.0	11/22/2023	ND	400	100	400	3.92	
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	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

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Mile Sough

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

#### **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QR-04 The RPD for the BS/BSD was outside of historical limits.

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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Mile Sough

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

City, State ZIP:

Carlsbad, NM 88220 209 W McKay St

City, State ZIP:

Company Name Address:

Devon

State of Project:

Program: UST/PST PRP Brownfields RRC

□uperfund □

Reporting:Level II Level III PST/UST

□ RRP

☐ Level IV ☐

NTG Environmental

Work Order Comments	Wesley Matthews	Bill to: (if different)	Project Manager: Ethan Sessums	Project Manager:	
Page1 of5					
			ENVIRONMENTAL		
				1	Pa
Work Order No: H23635					ge 6
	Chain of Custody				52 o
					f (

Phone	432-701-2159			Email:	Email: esessums@ntglobal.com	ntglobal	.com							Deliv	Deliverables: EDD	s: EDD		A	ADaPT 🗆	☐ Other.	71
Project Name:	Gauc	Gaucho 30 CTB 1		Turr	Turn Around							ANALY	NALYSIS REQUEST	QUES	Т					Preserva	Preservative Codes
Project Number:		236730		Routine	✓ Rush	Co	Pres. Code	_	-				-	_					z	None: NO	DI Water: H <sub>2</sub> O
Project Location	Le	Lea Co, NM		Due Date:	48hr								-					4	0	Cool: Cool	MeOH: Me
Sampler's Name:	_	Kenny Han		TAT starts the	TAT starts the day received by the	the		PO	KO,	_		_	_	_					Ι.	HCL HC	HNO. HN
PO#		21184433		lab, if rece	lab, if received by 4;30pm		S	+ M	- IVII			_	_	_					Į :	H,S0.: H,	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes Mo	) Wet Ice:	Mes No	eter		DRO				_	_	_				_	I ;	H.PO.: HP	
Received Intact:			-	eter ID:				8021	e 45			_			_			_		NaHSO, NABIS	'n
Cooler Custody Seals	Ye	9	Correction Factor	n Factor:	1	Pa	_					_	_		_				HOL	Na.S-O. NaSO.	7
Sample Custody Seals	s: Yes	NA	Tempera	Temperature Reading:	-1.9	6+						_						_		Zn Acetate+NaOH: Zn	OH: Zn
Total Containers:		(	Corrected	Corrected Temperature:	1			801	-	_		_						_	z	aOH+Ascorbi	NaOH+Ascorbic Acid: SAPC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water Gr	Grab/ #	# of	тры	11:00											Sample	Sample Comments
DV-1	0-0.5	11/20/2023	11:10	×	G	-		×	×		1	4	+	+	T		1	+	-		
DV-1	1-1.5	11/20/2023	11:11	×	G	Grab	_	×	×			4	+	+				4	+		
DV-1	2-2.5	11/20/2023	11:12	×	G	Grab	_	×	×			4	+					4	+		
DV-1	3-3.5	11/20/2023	11:13	×	G	Grab		×	×			_	+					4	+		
DV-1	4-4.5	11/20/2023	11:14	×	G	Grab	_	×	×			4	-					4	+		
DV-2	0-0.5	11/20/2023	11:15	×	9	Grab		×	×				-					4	-		
DV-2	1-1.5	11/20/2023	11:16	×	9	Grab		×	×			4	+					4	+		
DV-2	2-2.5	11/20/2023	11:17	×	G	Grab		×	×				+					4	-		
DV-2	3-3.5	11/20/2023	11:18	×	9	Grab	_	×	×				+					_	-		
DV-2	4-4.5	11/20/2023	11:19	×	G	Grab	_	×	×									4	_		
Additio	Additional Comments	99																			
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 reling liable only for the co arge of \$85.00 will be	uishment of samp st of samples and applied to each p	les constitu shall not a roject and a	tes a valid purchas ssume any respons charge of \$5 for e	se order from clie sibility for any los ach sample subr	ent compani sses or expi mitted to Xe	y to Xend enses indence, but	curred by	iliates an y the clier yzed. The	d subcon nt if such	tractors. losses ar will be e	It assign to due to a forced to	ns standar circumsta unless pre	d terms inces bey viously n	and con- ond the egotiate	ditions control d.					
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Date/Time	Received by: (Signature)	Relinquished by: (Signature)	me	Date/Time		6) /	by: (Signature	Received by:	1	(Signature)	Relinquished by: (Signature)
	regotiated.	terms will be enforced unless previously n	idiyzed. Inese	out not at	d to velico,	cu sample submitte	riaige of 40 for ea	ojeck sind a v	approve to carri	9 4	
	and conditions yond the control	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 phase of \$65.00 will be applied to each pr	affiliates and by the client	lenco, its	ompany to X	bility for any losses	s a valid purchase ume any responsi	shall not ass	uishment of samp st of samples and applied to each o	ocument and relinquable only for the cost	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors, of service. Xenco will be liable only for samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are specified. A minimum charge of \$85.00 will be applied to each project and a hourse of \$75.00 minimum charge of \$85.00 will be applied to each project and a hourse of \$75.00 minimum charge of \$85.00 will be applied to each project and a hourse of \$75.00 minimum charge of \$85.00 will be applied to each project and a hourse of \$75.00 minimum charge of \$85.00 will be applied to each project and a hourse of \$75.00 minimum charge of \$85.00 will be applied to each project and a hourse of \$75.00 minimum charge of \$85.00 will be applied to each project and a hourse of \$75.00 minimum charge of \$85.00 will be applied to each project and a hourse of \$75.00 minimum charge of \$85.00 will be applied to each project and a hourse of \$75.00 minimum charge of \$85.00 will be applied to each project and a hourse of \$75.00 minimum charge of \$85.00 will be applied to each project and \$75.00 minimum charge of \$85.00 will be applied to each project and \$75.00 minimum charge of \$85.00 will be applied to each project and \$75.00 minimum charge of \$85.00 will be applied to each project and \$75.00 minimum charge of \$75.00 minimum
									n	Additional Comments:	Addition
			×	×	_	Grab	×	11:29	11/20/2023	4-4.5	DV-4
			×	×	1	Grab	×	11:28	11/20/2023	3-3.5	DV-4
			×	×	1	Grab	×	11:27	11/20/2023	2-2.5	DV-4
			×	×	1	Grab	×	11:26	11/20/2023	1-1.5	DV-4
			×	×	1	Grab	×	11:25	11/20/2023	0-0.5	DV-4
			×	×	1	Grab	×	11:24	11/20/2023	4-4.5	DV-3
			×	×	1	Grab	×	11:23	11/20/2023	3-3.5	DV-3
			×	×	1	Grab	×	11:22	11/20/2023	2-2.5	DV-3
			×	×	1	Grab	×	11:21	11/20/2023	1-1.5	DV-3
			×	×	1	Grab	×	11:20	11/20/2023	0-0.5	DV-3
Sample Comments			TF		# of	Water Comp	Soil	Time	Date	Depth (ft bgs)	Identification
NaOH+Ascorbic Acid: SAPC	Nac		H 801		1		Corrected Temperature:	Corrected	48		Total Containers:
Zn Acetate+NaOH: Zn	Zn A			E		-1,70	Temperature Reading:	Temperatu	NO (N/A)	Yes	Sample Custody Seals
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , NaSO <sub>3</sub>			hlori	BTEX	P	100	Factor	Correction Factor		Yes	Cooler Custody Seals
NaHSO, NABIS	OLD Nah		7.1	K 802	ara	140	ter ID:	Thermometer ID:	1	S C C C C C C C C C C C C C C C C C C C	Received Intact:
H <sub>3</sub> PO <sub>4</sub> . HP	H <sub>3</sub> P		-	1B	mete	Yes No	Wet Ice:	Yes (No)	Temp Blank:		SAMPLE RECEIPT
	H <sub>2</sub> S		) + 1		rs	ved by 4:30pm	lab, if receiv		21184433	2	PO#
	HCL		MRO			TAT starts the day received by the	TAT starts the o		Kenny Han	Ke	Sampler's Name:
Cool: Cool MeOH: Me	Coo		)			48hr	Due Date:		Lea Co, NM	Le	Project Location
None: NO DI Water: H <sub>2</sub> O					Code	✓ Rush	Routine		236730		Project Number:
Preservative Codes	1	ANALYSIS REQUEST				Turn Around	Turn		Gaucho 30 CTB 1	Gauc	Project Name:
Other:	Deliverables: EDD ADaPT	Deliv		n	lobal.cor	esessums@ntqlobal.com	Email:			432-701-2159	Phone:
T DRRP Level IV	Reporting:Level III Level III PST/UST	Rep				City, State ZIP:			8220	Carlsbad, NM 88220	City, State ZIP:
	State of Project:	Stat				Address:			St	209 W McKay St	Address:
ds RRC uperfund	Program: UST/PST ☐PRP ☐Brownfields ☐RRC	Prog		Devon		Company Name:			ental	NTG Environmental	Company Name:
ments	Work Order Comments		Wesley Matthews	Wesley		Bill to: (if different)			S	Ethan Sessums	Project Manager:
Page 2 of _5_											
Pag									F	NVIRONMENTA	EN
- 1									Viena .		
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THE SECOND	NVIRONMENTA NVIRONMENTA				Dil to di Libraria		ain	of C	Chain of Custody	ody		-			Work	Work Order No:			H33433
Project Manager:	Ethan Sessums	s			Bill to: (if different)	ant)	We	esley M	Wesley Matthews					M	V	ork	Order	Order Comm	Work Order Comments
Company Name:	NTG Environmental	ental			Company Name	me:	De	Devon					Pro	gram:	Program: UST/PST	PRP	Brov	Brownfields	Brownfields □RRC
Address:	209 W McKay St	St			Address:								Sta	State of Project:					
City, State ZIP:	Carlsbad, NM 88220	88220			City, State ZIP	70							Rep	porting:	Reporting:Level II Level III	vel III	D <sub>S</sub>	□ST/UST	□ST/UST □TRRP
Phone:	432-701-2159			Email:		ntglobal	.com						Del	liverable	Deliverables: EDD		ADai	ADaPT 🗆	ADaPT Other:
Project Name:	Gauc	Gaucho 30 CTB 1		Turn	Turn Around						ANA	LYSIS	NALYSIS REQUEST	ST				T	Preservative Codes
Project Number:		236730		Routine	✓ Rush	Co	Pres. Code										_	None:	None: NO
Project Location	Le	Lea Co, NM		Due Date:	48hr						-					1		Cool:	Cool: Cool
Sampler's Name:		Kenny Han		TAT starts the	TAT starts the day received by the	the	_	IRO)			_							HCL I	HCL HC
PO#		21184433		lab, if rece	lab, if received by 4:30pm		15	+ M			_		_					H <sub>2</sub> S0 <sub>4</sub>	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>
SAMPLE RECEIPT		Temp Blank:	Yes No	) Wet Ice:	Yes No	nete			_		_		_					H <sub>3</sub> PO <sub>4</sub>	H <sub>3</sub> PO <sub>4</sub> ; HP
Received Intact:	(Yes)	No No	Thermometer ID:	eter ID:	140	aran					_		_				OLD		
Cooler Custody Seals:	Yes	6	Correction Factor	Factor.	1	1	BTEX		hlori		_		_				н		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub>
Sample Custody Seals	Yes	NO NIA	Temperat	l emperature Reading:	-1.7	0		_	-		_		_					Zn Ao	Zn Acetate+NaOH: Zn
Sample	Depth (ft bgs)	Date	Time	Time Soil	Water Gr		# of	TPH 8			_							(0)	Sample Comments
DV-5	0-0.5	11/20/2023	11:30	×	Gr	Grab	1	×	×	1	+		+	+	-				
	1-1.5	11/20/2023	11:31	×	G		+	+	+	I	+		+	$\dagger$	7	$\top$	$\top$	+	
DV-5	2-2.5	11/20/2023	11:32	×	G	Grab	1	×	×										
DV-5	3-3.5	11/20/2023	11:33	×	Gr	Grab	1 >	×	×										
DV-5	4-4.5	11/20/2023	11:34	×	Gr	Grab	1 >	×	×										
DV-6	0-0.5	11/20/2023	11:35	×	Gr	Grab	1 >	×	×										
7 DV-6	1-1.5	11/20/2023	11:36	×	Gr	Grab	1	×	×										
8 DV-6	2-2.5	11/20/2023	11:37	×	Gr	Grab	1	×	×										
9 DV-6	3-3.5	11/20/2023	11:38	×	Gr	Grab	1 >	×	×										
DV-6	4-4.5	11/20/2023	11:39	×	G	Grab	1	×	×		Н						H		
Additio	Additional Comments:	S:																	
	nature 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 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	uishment of samp	les constitut	tes a valid purchas	se order from clie	ent compan	y to Xenc	o, its affi	liates and	subcontr if such lo	octors. It a	It assigns standard	ndard term	terms and conditions	nditions				
of Xenco. A minimum ch	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.	e applied to each p	project and a	charge of \$5 for e	each sample subr	mitted to Xe	nco, but	not analy	zed. Thes	se terms w	ill be enfor	ced unles	These terms will be enforced unless previously negotiated.	negotiat	ed.				
Relinquished by: (Signature)	r: (Signature)	1	Received by	d by (Signature	ire) /		Dat	Date/Time		Reli	nquished	by: (S	Relinquished by: (Signature)		Received by: (Signature)	by: (Si	gnat	gnature)	gnature) Date/Time
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3										4									
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Congaci Manager   Ethan Sissums   Congany Name	Lea Co, NM
Signification   Carlsbad NM 88220   Email   Sessums   Ethan Sessums   Email   Sessums   MTG Environmental   Address   Addre	Lea Co, NM
	Lea Co, NM
Ethan Sessums	Due Date:   48hr   21184433   Due Date:   48hr   A8hr
Noject Manager         Ethan Sessums         Bill to: (if datasent)         Wesley Matthew Modress         Vesley Matthew	Due Date
Noject Manager         Ethan Sessums         Bill to: (if densernt)         Wesley Matthew Vesley Matthew	Due Date:   48hr   A8hr   A8
Noject Manager         Ethan Sessums         Bill to: (# dinseret)         Wesley Matthew Address:         Wesley Matthew Address:         Wesley Matthew Address:         Company Name:         Company Name:         Devon           Name:         209 W McKay St         209 W McKay St         Carlsbad, NM 88220         City, State ZIP:         City, State ZIP         Devon           Project Name:         Gaucho 30 CTB 1         Turn Around         City, State ZIP         Vespendiobal.com           Project Name:         Lea Co, NM         Due Date:         A8hr         Code           Sampler's Name:         Kenny Han         Tat starts the day received by the sample to sample in the code of the sample in the sample in the code of the sample in the sample i	Due Date
Depth (ft bgs)   Dept	Due Date:   48hr   A8hr   A8
Project Manager   Ethan Sessums	Due Date:   48hr   21184433   Due Date:   48hr   A8hr   21184433   Due Date:   48hr   A8hr
Ethan Sessums	Date   Time   Soil   Water   Comp   Cont
Bill to: (if different)	Part Conny Han  The starts the day received by the lab, if received by 4:30pm  The starts the day received by the lab, if received by 4:30pm  The starts the day received by the lab, if received by 4:30pm  The starts the day received by the lab, if received by 4:30pm  The starts the day received by the lab, if received by 4:30pm  The starts the day received by the lab, if received by the lab, if received by 4:30pm  The starts the day received by the lab, if received by 4:30pm  The starts the day received by the lab, if received b
Ethan Sessums	a Co, NM  Due Date:  48hr  TAT starts the day received by the lab, if received by 4:30pm  p Blank:  Yes, No
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Ethan Sessums  NTG Environmental  209 W McKay St  Carlsbad, NM 88220  432-701-2159  Gaucho 30 CTB 1  Carlsbad, NM 88220  Lea Co, NM  Lea Co, NM  Kenny Han  Kenny Han  TAT starts the day received by 4:30pm  21184433  CEIPT  Temp Blank: Yes No NIA  Seals: Yes No NIA  Correction Factor Seals: Yes No NIA  Corrected Temperature:  Tar Soil  Water  Grab  # of	Date  Due Date: 48hr  A8hr  TAT starts the day received by the lab, if received by 4:30pm  Thermometer ID: 760  No (MA) Correction Factor: 760  No (MA) Temperature Reading: 760  A8 Corrected Temperature: Grab/ # of THE Soil Water Comp Cont
Ethan Sessums  NTG Environmental  209 W McKay St  Carlsbad, NM 88220  432-701-2159  Gaucho 30 CTB 1  Gaucho 30 CTB 1  City, State ZIP:  City State ZiP	Parameter ID:  No N/A  Corrected Temperature:  Page Co, NM  Due Date:  48hr  TAT starts the day received by the lab, if received by 4:30pm  TAT starts the day received by the lab, if received by 4:30pm  Thermometer ID:  No N/A  Corrected Temperature:  TAT starts the day received by the lab, if received by 4:30pm  TAT starts the day received by the lab, if received by 4:30pm  TAT starts the day received by the lab, if received by 4:30pm  TAT starts the day received by 4:30pm  Page 1  A 8 Corrected Temperature:  TAT starts the day received by the lab, if received by 4:30pm  TAT starts the day received by 4:30pm  A 8 Correction Factor  Page 1  A 8 Corrected Temperature:  TAT starts the day received by the lab, if received by 4:30pm  A 8 Correction Factor  A 8 Corrected Temperature:  TAT starts the day received by 4:30pm  A 8 Correction Factor  A 8 Correction Factor  A 8 Corrected Temperature:
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Ethan Sessums  NTG Environmental  209 W McKay St  Carlsbad, NM 88220  432-701-2159  Gaucho 30 CTB 1  Gaucho 30 CTB 1  City, State ZIP:  Email: esessums@ntglobal.com  Fres.  236730  CEIPT  Temp Blank: Yes, No Wet loe: Yes) No entered by 4:30pm  Tart starts the day received by 4:30pm  Tart starts the day received by 4:30pm  Tart starts the day received by 4:30pm  Temp Blank: Yes, No Wet loe: Yes) No entered by 4:30pm	M Due Date: 48hr  TAT starts the day received by the lab, if received by 4:30pm  Yes, No Wet Ice: Yes No meters 21B
Ethan Sessums  NTG Environmental  209 W McKay St  Carlsbad, NM 88220  432-701-2159  Gaucho 30 CTB 1  Gaucho 30 CTB 1  City, State ZIP:  Email: esessums@ntglobal.com  Turn Around  Pres.  236730  Lea Co, NM  Routine  Routine  Address:  Ad	Due Date: 48hr  TAT starts the day received by the lab, if received by 4:30pm
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Ethan Sessums  NTG Environmental  209 W McKay St Carlsbad, NM 88220  432-701-2159  Gaucho 30 CTB 1  Bill to: (it different) Company Name: Address: City, State ZIP: Esessums@ntglobal.com	Routine Rush
Ethan Sessums  NTG Environmental Company Name: 209 W McKay St Address: Carlsbad, NM 88220 City, State ZIP: 432-701-2159 Email: esessums@ntglobal.com	1 Turn Around
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Ethan Sessums  NTG Environmental Company Name:	
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	Bill to: (if different)

Page	656	of	663
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	It assigns standard terms and conditions e due to circumstances beyond the contro forced unless previously negotiated.		ates and su the client if a zed. These t	o, its affili curred by t not analyz	pany to Xenc expenses inc Xenco, but	er from client com y for any losses or a ample submitted to	es a valid purchase ord sume any responsibilit charge of \$5 for each s	oles constitut I shall not as: project and a	uishment of samples and applied to each	document and reling liable only for the co arge of \$85.00 will be	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. 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 and Yenco. 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
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<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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

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

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

QUESTIONS

Action 325128

#### **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	325128
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

#### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2235047407
Incident Name	NAPP2235047407 GAUCHO 30 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Facility	[fAPP2130242283] GAUCHO UNIT 30 CTB 1

Location of Release Source	
Please answer all the questions in this group.	
Site Name	GAUCHO 30 CTB 1
Date Release Discovered	12/16/2022
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Fitting   Produced Water   Released: 18 BBL   Recovered: 7 BBL   Lost: 11 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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 on flange to water offload found. 18 bbls released to ground. Trucks dispatched for recovery. Recovered volumes are not available as of this notice. Line was isolated to stop leak.

District I

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

QUESTIONS, Page 2

Action 325128

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Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	325128
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS (continued)

#### 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.

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

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

Name: Dale Woodall
Title: EHS Professional
Email: Dale.Woodall@dvn.com
Date: 03/20/2024

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

QUESTIONS, Page 3

Action 325128

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	325128
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

#### QUESTIONS

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

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provi	ided 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 contarr	nination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	18600	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	50	
GRO+DRO (EPA SW-846 Method 8015M)	50	
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1	
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1	
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	10/02/2023	
On what date will (or did) the final sampling or liner inspection occur	10/20/2023	
On what date will (or was) the remediation complete(d)	11/22/2023	
What is the estimated surface area (in square feet) that will be reclaimed	0	
What is the estimated volume (in cubic yards) that will be reclaimed	0	
What is the estimated surface area (in square feet) that will be remediated	17445	
What is the estimated volume (in cubic yards) that will be remediated	2369	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjust	ted in accordance with the physical realities encountered during remediation. If the responsible party has any need to	

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

District I

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1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 325128

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	325128
	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	OWL LANDFILL JAL [fJEG1635837366]		
OR which OCD approved well (API) will be used for off-site disposal	Not answered.		
OR is the off-site disposal site, to be used, out-of-state	Not answered.		
OR is the off-site disposal site, to be used, an NMED facility	Not answered.		
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.		
(In Situ) Soil Vapor Extraction	Not answered.		
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.		
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.		
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.		
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.		
OTHER (Non-listed remedial process)	Not answered.		

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement

Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 03/20/2024

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

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

QUESTIONS, Page 5

Action 325128

QUESTIONS (continued)

DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	325128
,	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 o	f 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	The area is surrounded by transfer pumps and flow lines.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	2230
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	330
	iately under or around production equipment such as production tanks, wellheads and pipelines where In 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	GAUCHO UNIT 30 CTB 1 [fAPP2130242283]
Enter the well API (30-) on which this deferral should be granted	Not answered.
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 et which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com

Date: 03/20/2024

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Phone: (575) 393-6161 Fax: (575) 393-0720

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

QUESTIONS, Page 6

Action 325128

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	325128
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

#### QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	325043	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/20/2023	
What was the (estimated) number of samples that were to be gathered	3	
What was the sampling surface area in square feet	389	

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	

District I
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CONDITIONS

Action 325128

## **CONDITIONS**

Operator:	OGRID:
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333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	325128
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

#### CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Deferral approved. Deferral of DV-1 through DV-8 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	5/8/2024