

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

<u>Spill Volume(Bbls) Calculator</u>	
<i>Inputs in blue, Outputs in red</i>	
<i>Contaminated Soil measurement</i>	
Area (square feet)	Depth(inches)
<u>124680</u>	<u>0.010</u>
Cubic Feet of Soil Impacted	<u>103.900</u>
Barrels of Soil Impacted	<u>18.52</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>2.78</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	2.78
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>2596</u>	<u>2.000</u>
Standing fluid	<u>77.124</u>
<u>Total fluids spilled</u>	<u>79.902</u>



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 (NMOCD) 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 30th, 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 11th, 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 16th, 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.

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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:
 --- = not defined

Site Assessment

On January 26th, 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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On June 22nd, 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 4th, 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 3rd, 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 2nd, 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

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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 5th, 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 13th and October 20th, 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 28th, 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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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

Attachments:

Initial And Final C-141
Closure Report Questions
Site Characterization Information
Tables
Figures
Photographic Log
Laboratory Reports and Chain-of-Custody Documents

Kenny Han

From: Kellan Smith
Sent: Tuesday, September 19, 2023 2:22 PM
To: Enviro, OCD, EMNRD; NTG Env Carlsbad
Subject: 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

Kenny Han

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: essesums@ntglobal.com

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

Kenny Han

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

Kenny Han

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 6th.

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



Kenny Han

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 23rd starting at 2 p.m. MDT and ending close of business Friday the 27th.

nAPP2235047407	Gaicho 30 CTB 1
nAPP2112039086	Gaicho 30 CTB 1
nAPP2316340275	Gaicho 30 CTB 1

Ethan Sessums
Project Manager
NTG Environmental New Mexico
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<http://www.ntgenvironmental.com/>



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INITIAL AND FINAL C-141

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

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Lupe Carrasco	Contact Telephone 575-748-0165
Contact email Lupe.Carrasco@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy	

Location of Release Source

Latitude 32.360550 Longitude -103.501847
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Gaucho 30 CTB 1	Site Type Oil
Date Release Discovered 3/30/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
I	30	22S	34E	Lea

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 19 BBLS	Volume Recovered (bbls) 19 BBLS
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 100.4 BBLS	Volume Recovered (bbls) 21 BBLS
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Water dump line developed a leak. All fluid stayed on pad.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2112039086
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? This is considered a major release because it is over 25 BBLs.
---	---

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Immediate notice was given to the OCD by Lupe Carrasco on 3/31/2021 by email.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:
The spill was not in containment.

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.

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: Kendra DeHoyos Title: EHS Associate
 Signature: Kendra DeHoyos Date: 4/30/2021
 email: Kendra.DeHoyos@dvn.com Telephone: 575-748-0167

OCD Only
 Received by: Ramona Marcus Date: 5/10/2021

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

<u>Spill Volume(Bbls) Calculator</u>	
<i>Inputs in blue, Outputs in red</i>	
<i>Contaminated Soil measurement</i>	
Area (square feet)	Depth(inches)
<u>124680</u>	<u>0.010</u>
Cubic Feet of Soil Impacted	<u>103.900</u>
Barrels of Soil Impacted	<u>18.52</u>
Soil Type	<u>Clay/Sand</u>
Barrels of Oil Assuming 100% Saturation	<u>2.78</u>
Saturation	<u>Fluid present with shovel/backhoe</u>
Estimated Barrels of Oil Released	<u>2.78</u>
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
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Standing fluid	<u>77.124</u>
<u>Total fluids spilled</u>	<u>79.902</u>

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 Phone:(575) 748-1283 Fax:(575) 748-9720

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

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

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

CONDITIONS

Action 26451

CONDITIONS OF APPROVAL

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

OCD Reviewer	Condition
marcus	None

Incident ID	nAPP2112039086
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?	>55 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

Incident ID	nAPP2112039086
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 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.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, 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 Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

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 19.15.29.11 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: _____ Dale Woodall _____ Title: ___ Env. Professional _____

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: _____

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

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

Incident ID	nAPP2316340275
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone
Contact email Dale.Woodall@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210	

Location of Release Source

Latitude 32.360526 Longitude -103.501873
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Gaucho Unit 30 CTB 1	Site Type Oil
Date Release Discovered 6/11/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
I	30	22S	34E	Lea

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 7 BBLs	Volume Recovered (bbls) 5 BBLs
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Water line developed leak.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2316340275
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
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.
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: <u>Kendra Ruiz</u> Title: <u>EHS Associate</u> Signature: <u>Kendra Ruiz</u> Date: <u>6/20/2023</u> email: <u>Kendra.Ruiz@dvn.com</u> Telephone: <u>575-748-0167</u>
<u>OCD Only</u> Received by: <u>Shelly Wells</u> Date: <u>6/21/2023</u>

Spill Volume(Bbls) Calculator	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (Ft ²)	Depth (in)
<u>1694</u>	<u>0.250</u>
Cubic Feet of Soil Impacted	<u>35.292</u>
Barrels of Soil Impacted	<u>6.29</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>0.94</u>
Saturation	Damp no fluid when squeezed
Estimated Barrels of Oil Released	<u>0.9400</u>
Free Standing Fluid Only	
Area (Ft ²)	Depth (inches)
<u>1674</u>	<u>0.250</u>
Standing fluid	<u>6.211</u>
<u>Total fluids spilled on surface soils</u>	<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

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

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

CONDITIONS
 Action 230544

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
scwells	None	6/21/2023

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?	>55 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: <i>Each of the following items must be included in the report.</i>
<input checked="" type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
<input type="checkbox"/> Field data
<input checked="" type="checkbox"/> Data table of soil contaminant concentration data
<input checked="" type="checkbox"/> Depth to water determination
<input checked="" type="checkbox"/> Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
<input type="checkbox"/> Boring or excavation logs
<input checked="" type="checkbox"/> Photographs including date and GIS information
<input checked="" type="checkbox"/> Topographic/Aerial maps
<input checked="" type="checkbox"/> Laboratory data including chain of custody

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

Incident ID	nAPP2316340275
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 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.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, 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 Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

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.*

- 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: _____ Dale Woodall _____ Title: ___ Env. Professional _____

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: _____

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

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

Incident ID	nAPP2235047407
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone
Contact email Dale.Woodall@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210	

Location of Release Source

Latitude 32.360530 Longitude -103.501817
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Gaucho Unit 30 CTB 1	Site Type Oil
Date Release Discovered 12/16/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
I	30	22S	34E	Lea

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 18 BBLS	Volume Recovered (bbls) 7 BBLS
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Flange on SWD offload developed leak causing spill on location.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2235047407
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
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.
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: <u>Kendra Ruiz</u> Title: <u>EHS Associate</u> Signature: <u>Kendra Ruiz</u> Date: <u>1/4/2023</u> email: <u>Kendra.Ruiz@dvn.com</u> Telephone: <u>575-748-0167</u>
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>01/04/2023</u>

Spill Volume(Bbls) Calculator		
<i>Inputs in blue, Outputs in red</i>		
<i>Contaminated Soil measurement</i>		
Length(Ft)	Width(Ft)	Depth(Ft)
		<u>0.021</u>
Cubic Feet of Soil Impacted		<u>0.000</u>
Barrels of Soil Impacted		<u>0.00</u>
Soil Type		Clay/Sand
Barrels of Oil Assuming 100% Saturation		<u>0.00</u>
Saturation	Fluid present with shovel/backhoe	
Estimated Barrels of Oil Released	<u>0.00</u>	
<i>Free Standing Fluid Only</i>		
Length(Ft)	Width(Ft)	Depth(Ft)
<u>30</u>	<u>14.000</u>	<u>0.250</u>
Standing fluid		<u>18.675</u>
<u>Total fluids spilled</u>		<u>18.675</u>

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

District II
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 Phone:(575) 748-1283 Fax:(575) 748-9720

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

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

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

CONDITIONS

Action 172138

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	1/4/2023

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?	>55 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

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 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.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, 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 Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

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: _____ Dale Woodall _____ Title: ___ Env. Professional _____

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: _____

CLOSURE REPORT QUESTIONS

- 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**

SITE CHARACTERIZATION INFORMATION

NMOCD Closure Criteria

Gaucha 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 (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater (ft)		Closure Criteria (mg/kg)				
		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50		600	100	--	50	10
51 - 100	x	10,000	2,500	1,000	50	10
>100		20,000	2,500	1,000	50	10
Surface Water		in yes, then				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No	600	100		50	10
<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 water well used by less than 5 households for domestic or livestock purposes?	No					
<1,000 ft from a fresh water well or spring?	No					
Human and Other Area						
<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 an unstable area?	Yes					
Within a 100 yr floodplain?	No					

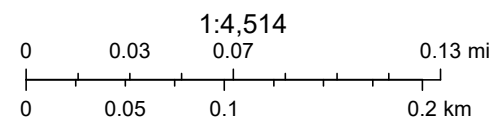
* - numerical limit or background, whichever is greater

Gaucha CTB 30 1



12/5/2023, 11:28:21 AM

- OSE Water PODs Karst Occurrence Potential PLSS First Division
- Plugged Low
- Wells - Large Scale PLSS Second Division
- ⚙ Gas, Plugged



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

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>: New Mexico Oil Conservation Division

OSE POD Location Map

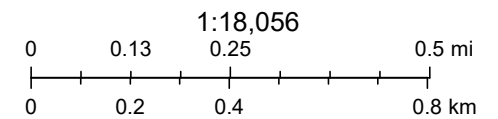


12/5/2023, 11:22:18 AM

- Override 1
- Inactive
- Plugged
- Active
- Pending
- OSE District Boundary

- Water Right Regulations
- Closure Area
- New Mexico State Trust Lands
- Subsurface Estate

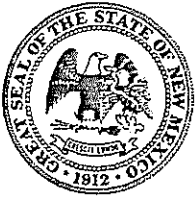
- Surface Estate
- Both Estates



Esri, HERE, IPC, Esri, HERE, Garmin, IPC, Maxar

Online web user

This is an unofficial map from the OSE's online application.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

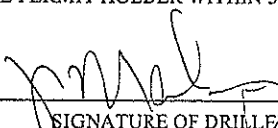
www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) CP-1973-POD1		WELL TAG ID NO.		OSE FILE NO(S).			
	WELL OWNER NAME(S) Devon Energy Resources				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 205 E. Bender Road #150				CITY Hobbs	STATE NM	ZIP 88240	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 21'	SECONDS 35.3"	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE	103	30'	3.87"	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1833	NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources			
	DRILLING STARTED 7-27-23	DRILLING ENDED 7-27-23	DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) Dry			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) Dry	DATE STATIC MEASURED		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	45	6	2" PVC SCH 40	Thread	2"	SCH 40	-
	45	55	6	2" PVC SCH 40	Thread	2"	SCH 40	.02
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE - RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				None pulled and plugged				

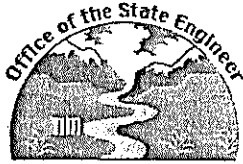
FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2	

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	10	10	Red coarse sand	Y ✓ N	
	10	20	10	Red coarse sand to Light tan fine sand	Y ✓ N	
	20	40	20	Brown medium course sand with small rock	Y ✓ N	
	40	55	15	Tan fine sand with small white rock	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0	

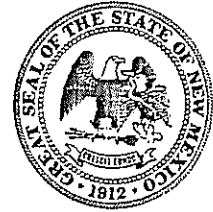
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Jason Maley	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 _____ SIGNATURE OF DRILLER / PRINT SIGNEE NAME	Jason Maley _____ DATE
		8-7-23

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	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

I. GENERAL / WELL OWNERSHIP:

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):
Jason Maley
- 4) 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
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

- 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.

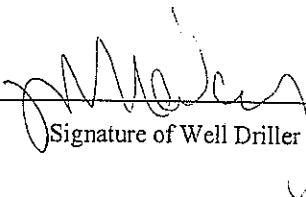
For each interval plugged, describe within the following columns:

<u>Depth</u> (ft bgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
0	Bentonite Chips	81	81	open hole	
55					

MULTIPLY	BY	AND OBTAIN
cubic feet x	7.4805	= gallons
cubic yards x	201.97	= gallons

III. SIGNATURE:

I, Jason Maley, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.



 Signature of Well Driller




8-7-23

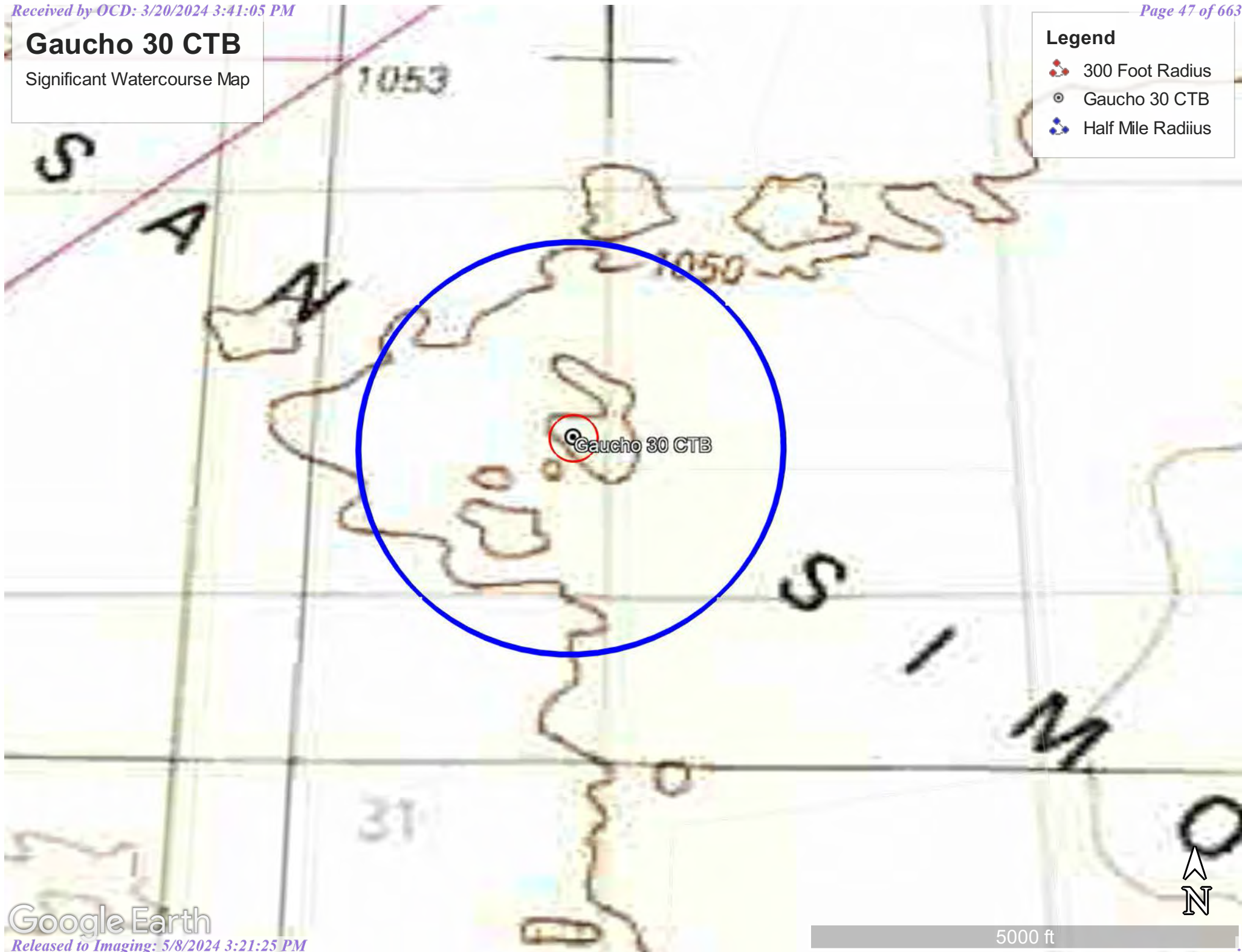
 Date

Gaicho 30 CTB

Significant Watercourse Map

Legend

-  300 Foot Radius
-  Gaicho 30 CTB
-  Half Mile Radius













Gaucha 30 CTB 1



U.S. Fish and Wildlife Service, National Standards and Support Team,
wetlands_team@fws.gov

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.

National Flood Hazard Layer FIRMette



103°30'25"W 32°21'53"N



Legend

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

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
 - OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
 - OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
 - GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
 - OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
 - MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 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
Gaucha 30 CTB 1 - nAPP2112039086
Devon Energy Production Company
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)						
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)							
								Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC											
								10 mg/kg	---	---	---	50 mg/kg		---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
Test Pit Delineation Samples																			
TP-1	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						
	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						
TP-2	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						
	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						
TP-3	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						
	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						
TP-4	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						
	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						
TP-5	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	80						
	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						

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)	
								Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC					
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
TP-6	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
	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
TP-7	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
	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
Horizontal 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
- 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

 Sample Point Excavated

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (mg/kg)	
								Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC					
10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2,500 mg/kg	10,000 mg/kg			
Vertical Delineation Samples													
S-1	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
	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
S-2	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
	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
S-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	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
	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
S-4	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
	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
Horizontal Delineation Samples													
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
- 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

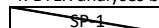
 Sample Point Excavated

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
Horizontal Delineation Samples													
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
Vertical Delineation Samples													
S-1	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
	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
S-2	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
	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
S-3	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
	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
TP-1	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
	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
	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
TP-2	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
	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
	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	

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	(mg/kg)
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
TP-3	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
	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
	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
- 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


 Sample Point Excavated

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)	
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (mg/kg)		
								10 mg/kg	---	---	50 mg/kg	---		---
Confirmation Base Samples														
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	<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	<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	<10.0	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	<10.0	192
CS-5	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1280	1280	310	1590	<10.0	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	<10.0	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	<10.0	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	<10.0	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	<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	<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	<10.0	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	<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	<10.0	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	<10.0	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	<10.0	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	<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	<10.0	224
CS-18	10/2/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	10100
	10/13/2023	7'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	30.6	30.6	<50.0	30.6	<10.0	80.4
CS-19	10/2/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.2	25.2	<10.0	25.2	<10.0	16400
	10/13/2023	7'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	61.2	61.2	<50.0	61.2	<10.0	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	<10.0	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	<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	<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	<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	<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	<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	<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	<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	<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	<10.0	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	<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	<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	<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	<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	<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	<10.0	32

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)	
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (mg/kg)		
								10 mg/kg	---	---	---	50 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	<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	<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	<10.0	128
CS-39	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1580	1580	452	2032	304	
	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	<16.0	
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	<16.0	
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	<16.0	
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	

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (mg/kg)	
								10 mg/kg	---	---	---	50 mg/kg	
Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC													
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
Confirmation Sidewall Samples													
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'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	274	274	40.3	314.3	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

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)	
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (mg/kg)		
								10 mg/kg	---	---	---	50 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	<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	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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<10.0	384
SW-52	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	<10.0	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	<10.0	<20.0

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)	
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (mg/kg)		
								10 mg/kg	---	---	---	50 mg/kg		---
SW-53	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	<10.0	1570
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	<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	<10.0	32
SW-55	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	<10.0	768
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	<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


- 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

SP-1 Sample Point Excavated

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
DV-8	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
	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
	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

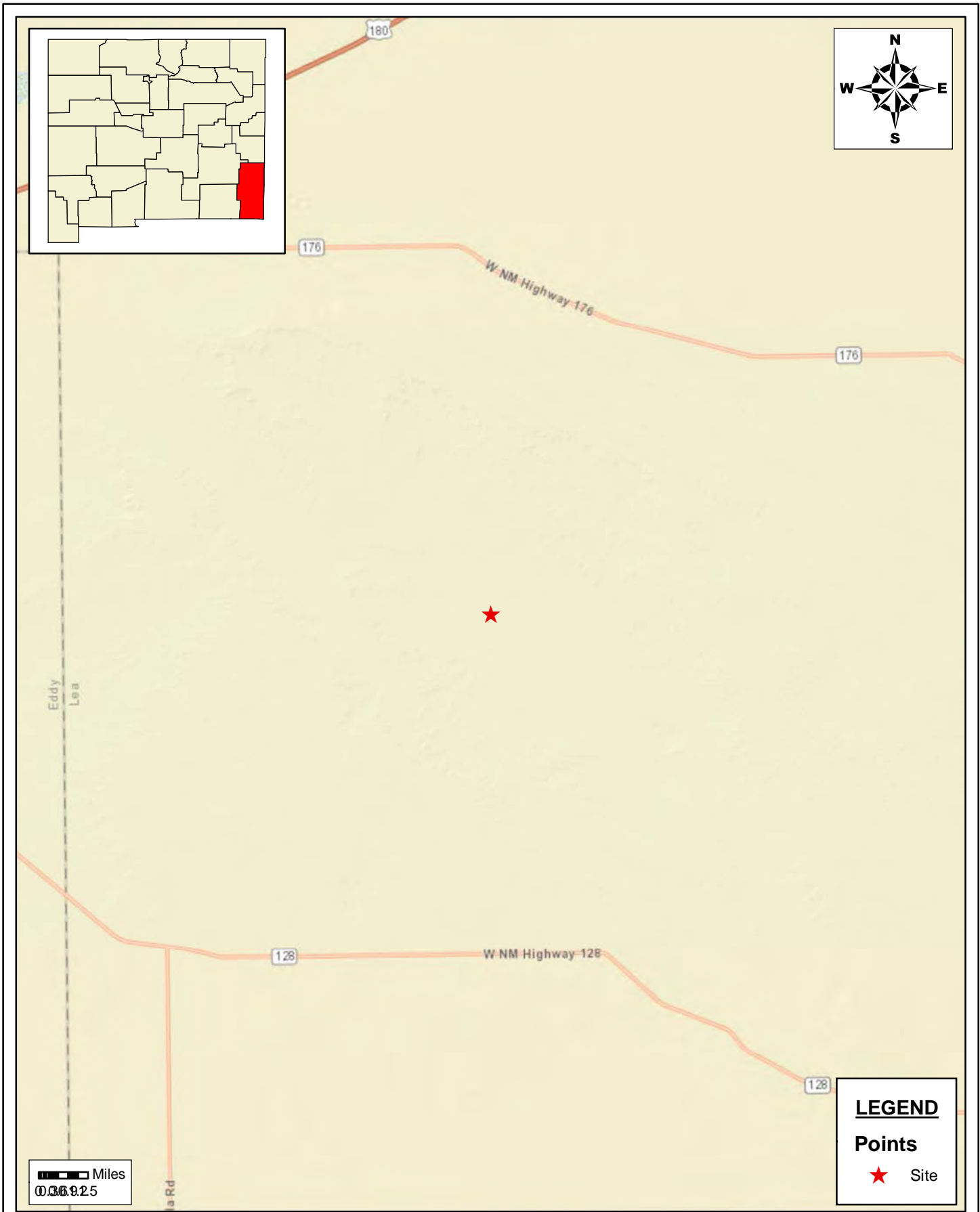
Notes:

- 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
-  Sample Point Excavated

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

FIGURES

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SITE LOCATION MAP
CLOSURE REPORT
 GAUCHO 30 CTB 1
 DEVON ENERGY PRODUCTION COMPANY
 LEA COUNTY, NEW MEXICO

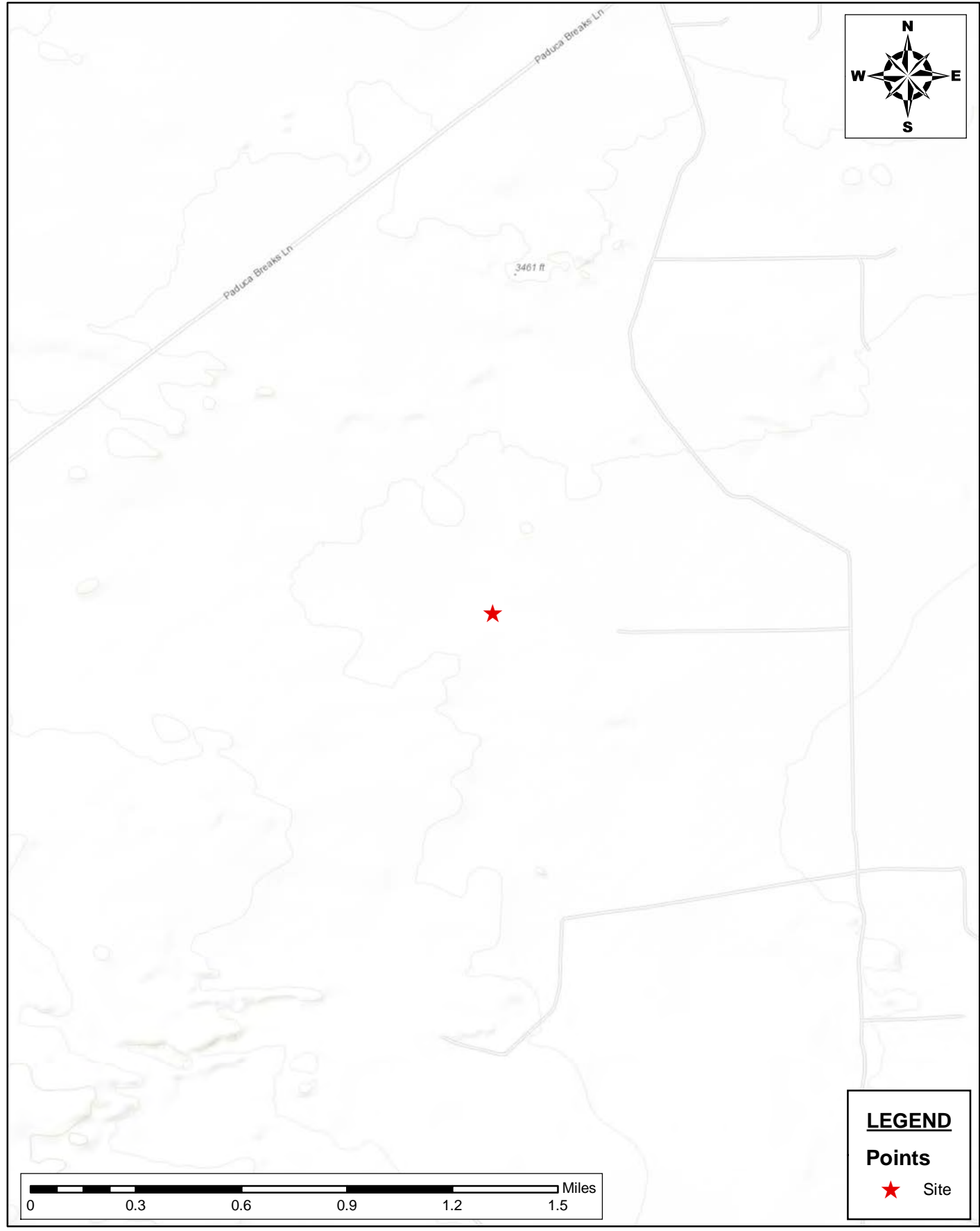
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New Tech Global Environmental, LLC
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 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntgenviroinmental.com

NOTES:
 1. Base Image: ESRI Maps & Data 2013
 2. Map Projection: NAD 1983

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FIGURE 1
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1 of 1

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**TOPOGRAPHIC MAP
CLOSURE REPORT
GAUCHO 30 CTB 1
DEVON ENERGY PRODUCTION COMPANY
LEA COUNTY, NEW MEXICO**



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NOTES:
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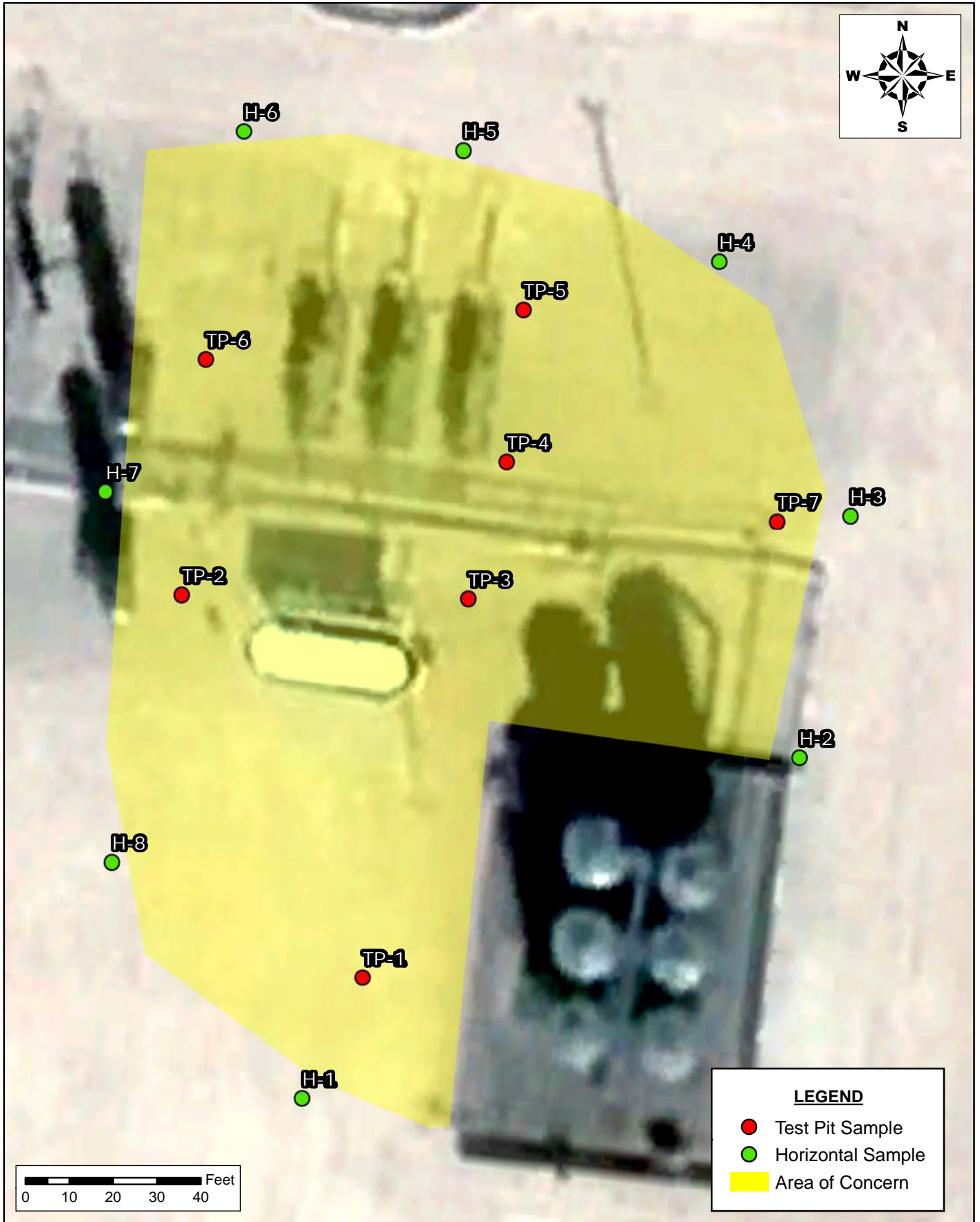
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FIGURE 2

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LEGEND

- Test Pit Sample
- Horizontal Sample
- Area of Concern

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**INITIAL ASSESSMENT MAP
CLOSURE REPORT
GAUCHO 30 CTB 1**
 DEVON ENERGY PRODUCTION COMPANY
 LEA COUNTY, NEW MEXICO
 nAPP2112039086
 32.360550, -103.501847

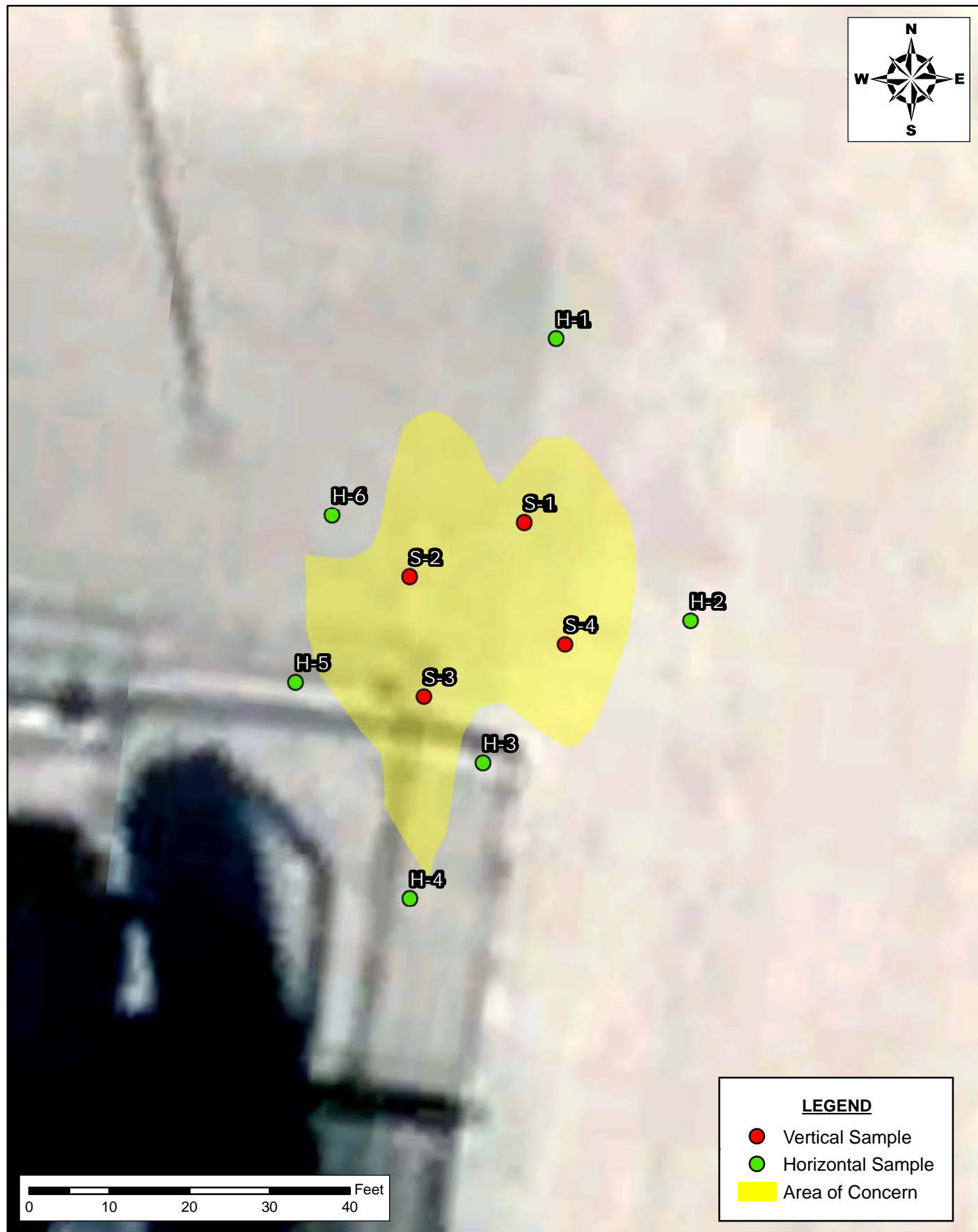
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NOTES:
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FIGURE 3A
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1 of 1

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**INITIAL ASSESSMENT MAP
CLOSURE REPORT
GAUCHO 30 CTB 1
DEVON ENERGY PRODUCTION COMPANY
LEA COUNTY, NEW MEXICO
nAPP2316340275
32.360526, -103.501873**

SCALE: AS SHOWN	DATE: 12/01/2023	PROJECT #: 236730
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NOTES:
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 2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 3B
 SHEET NUMBER:
1 of 1

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**INITIAL ASSESSMENT MAP
CLOSURE REPORT
GAUCHO 30 CTB 1
DEVON ENERGY PRODUCTION COMPANY
LEA COUNTY, NEW MEXICO
nAPP2235047407
32.360530, -103.501817**



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NOTES:

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

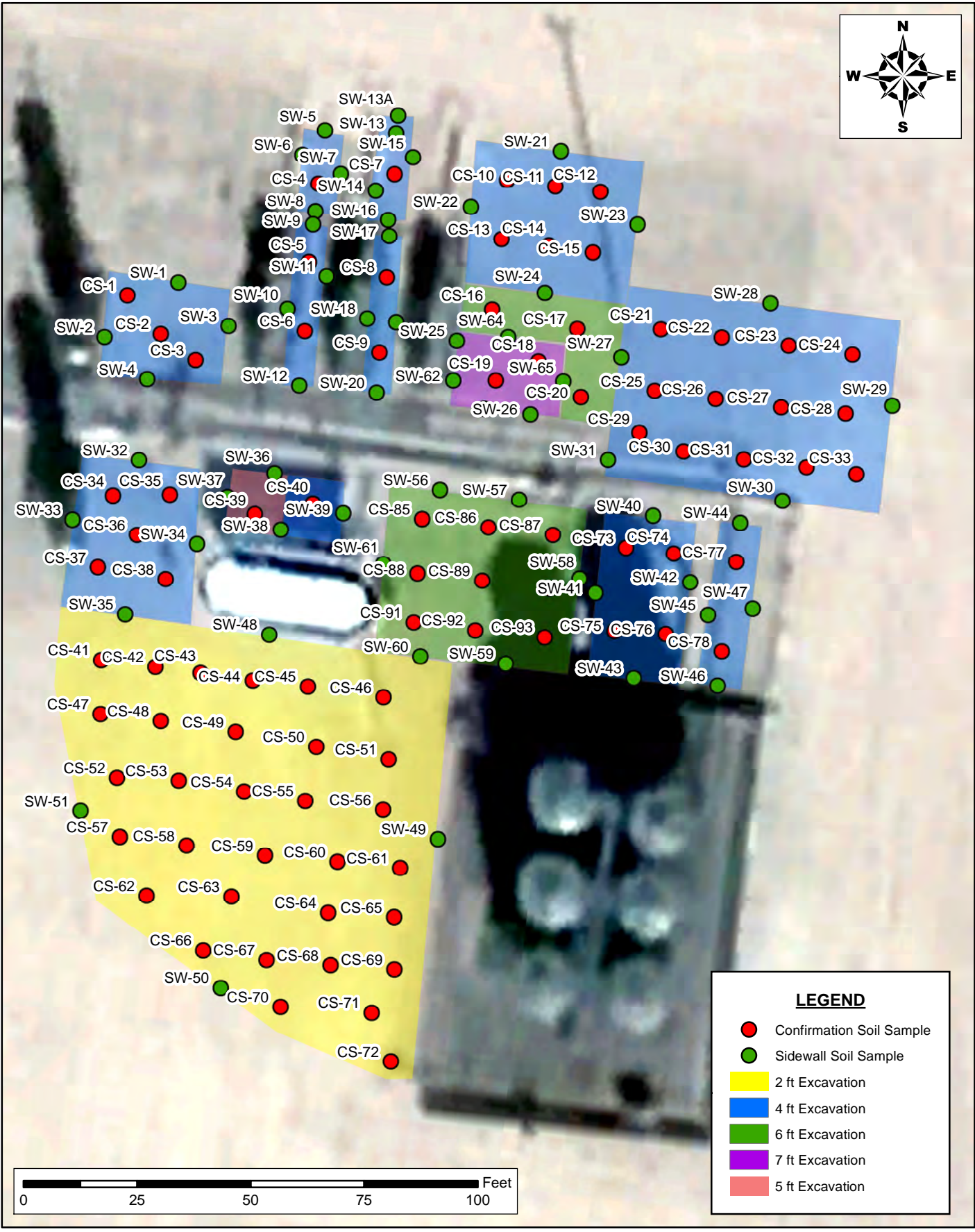
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FIGURE 3C

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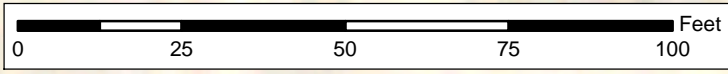
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SCALE: AS SHOWN DATE: 12/01/2023 PROJECT #: 236730



LEGEND

- Confirmation Soil Sample
- Sidewall Soil Sample
- 2 ft Excavation
- 4 ft Excavation
- 6 ft Excavation
- 7 ft Excavation
- 5 ft Excavation



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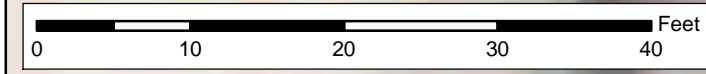
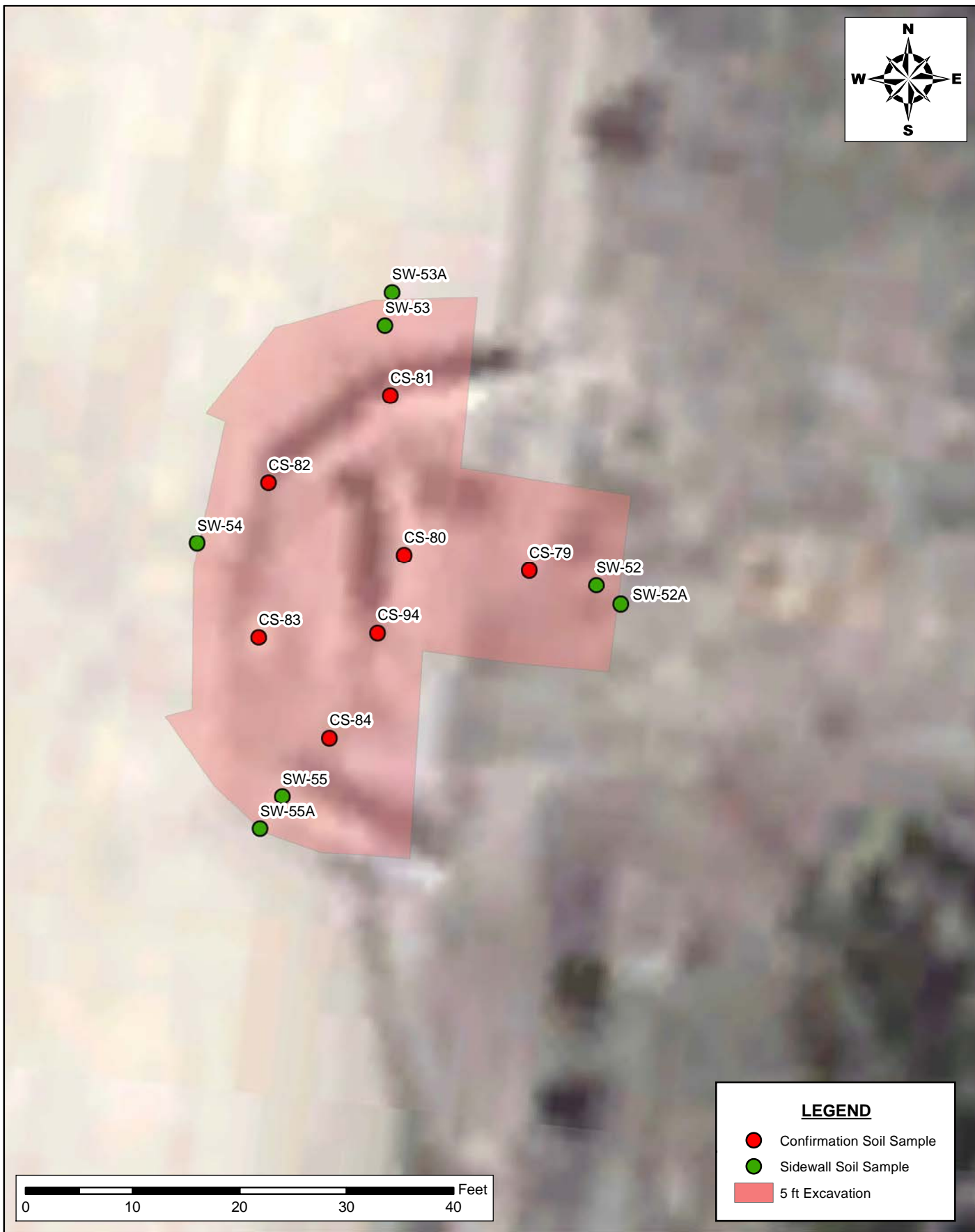
**CONFIRMATION MAP
CLOSURE REPORT
GAUCHO 30 CTB 1**
DEVON ENERGY PRODUCTION COMPANY
LEA COUNTY, NEW MEXICO


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NOTES:
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2. Map Projection: NAD 1983

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FIGURE 4A
SHEET NUMBER:
1 of 1

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LEGEND

- Confirmation Soil Sample
- Sidewall Soil Sample
- 5 ft Excavation

**CONFIRMATION MAP
CLOSURE REPORT
GAUCHO 30 CTB 1
DEVON ENERGY PRODUCTION COMPANY
LEA COUNTY, NEW MEXICO**


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NOTES:
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 2. Map Projection: NAD 1983

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FIGURE 4B
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1 of 1

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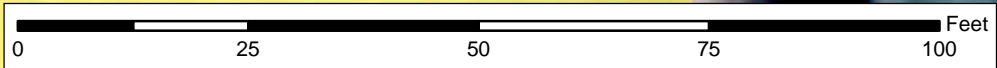
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LEGEND

SymbolID

- Deferral Samples
- 2 ft Excavation
- 4 ft Excavation
- 6 ft Excavation
- 7 ft Excavation
- 5 ft Excavation



**DEFERRAL SAMPLING MAP
CLOSURE REPORT
GAUCHO 30 CTB 1
DEVON ENERGY PRODUCTION COMPANY
LEA COUNTY, NEW MEXICO**

SCALE: AS SHOWN DATE: 12/14/2023 PROJECT #: 23730

NTG ENVIRONMENTAL

New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 281.872.4521
Web: www.ntgenvironmental.com

NOTES:

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

DRAWING NUMBER:
FIGURE 5

SHEET NUMBER:
1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

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:
Area of concern.



PHOTOGRAPHIC LOG

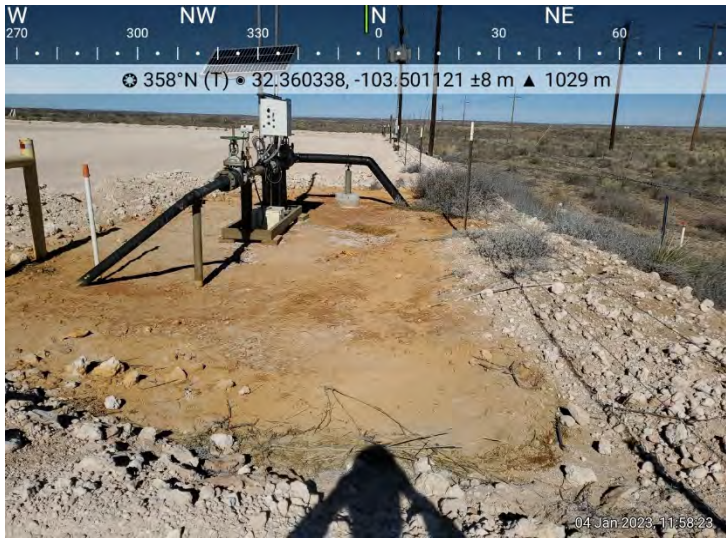
Devon Energy Production Company

Photograph No. 4

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.

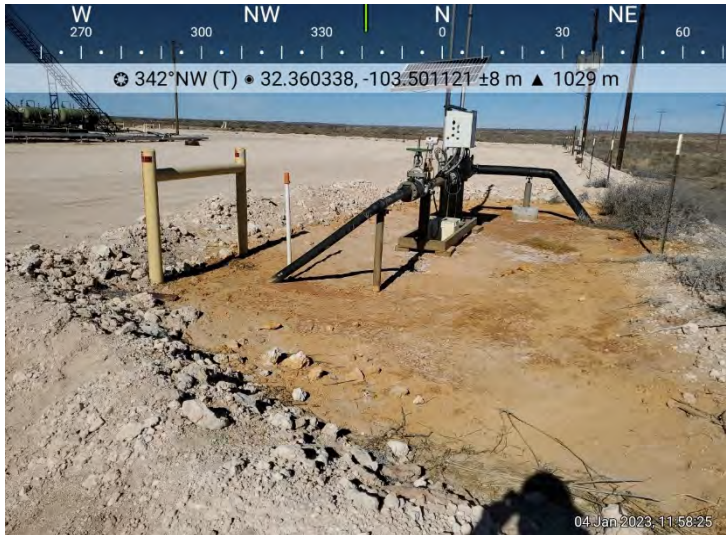


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Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.

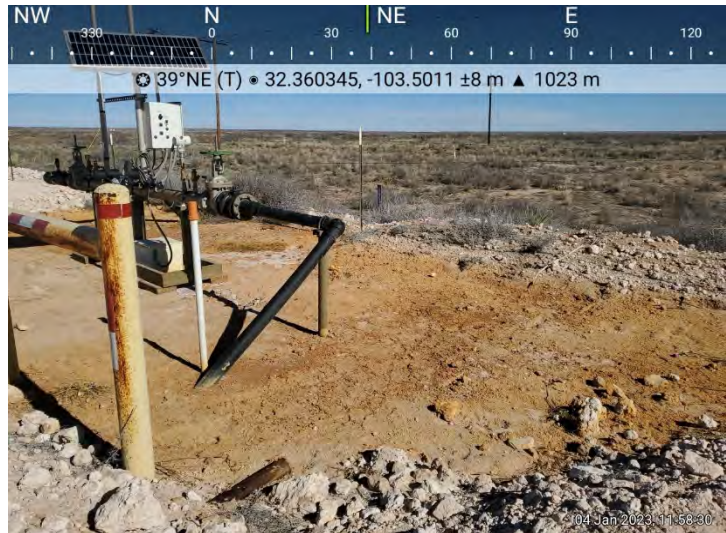


Photograph No. 6

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

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.

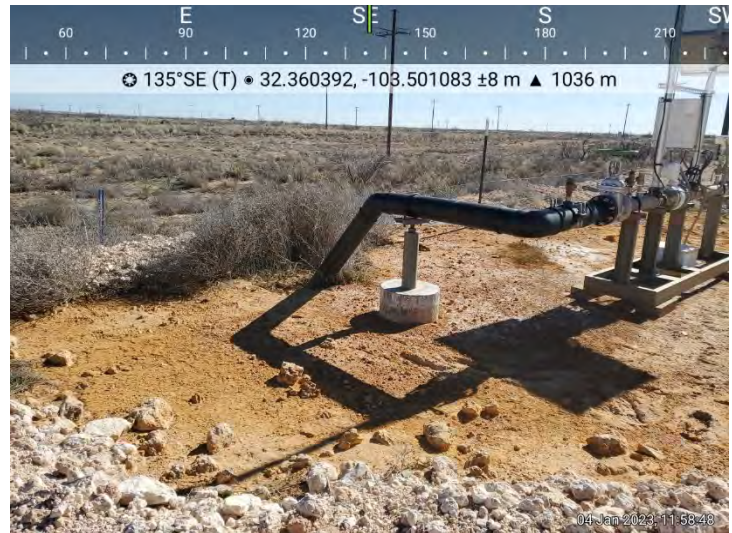


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Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

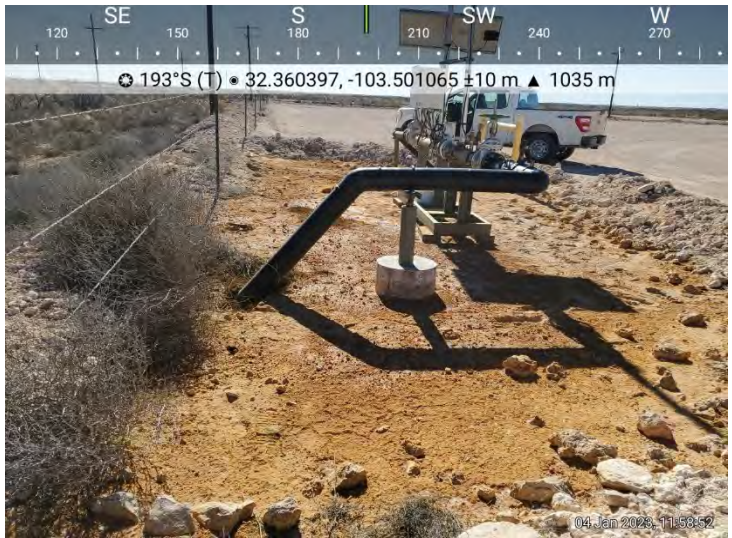
Devon Energy Production Company

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.

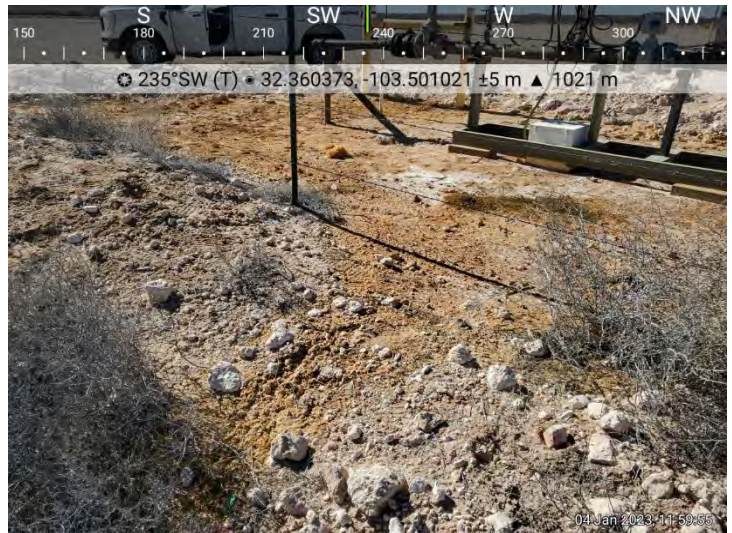


Photograph No. 12

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

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.

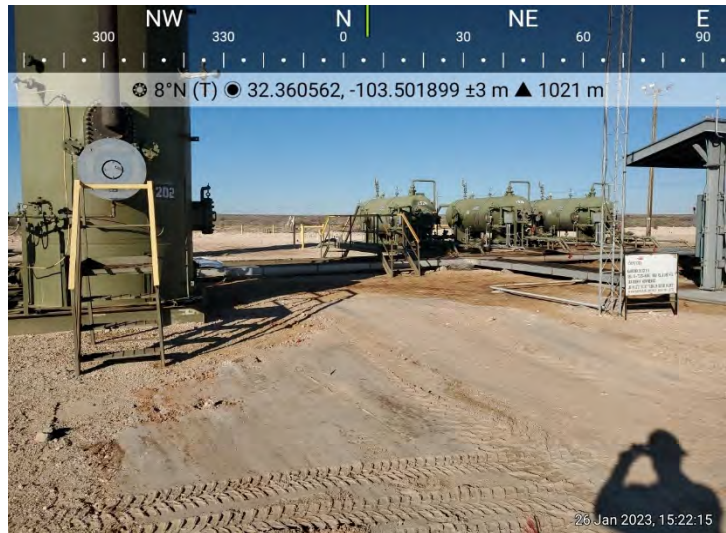


Photograph No. 15

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

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.

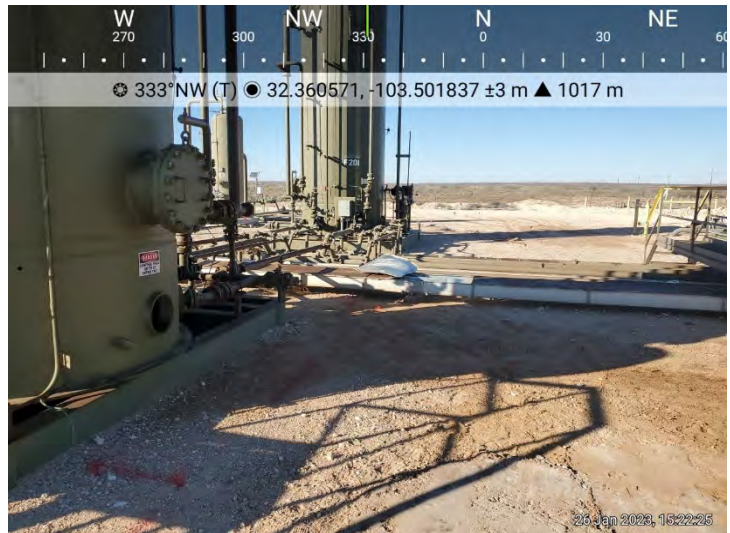


Photograph No. 18

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

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.

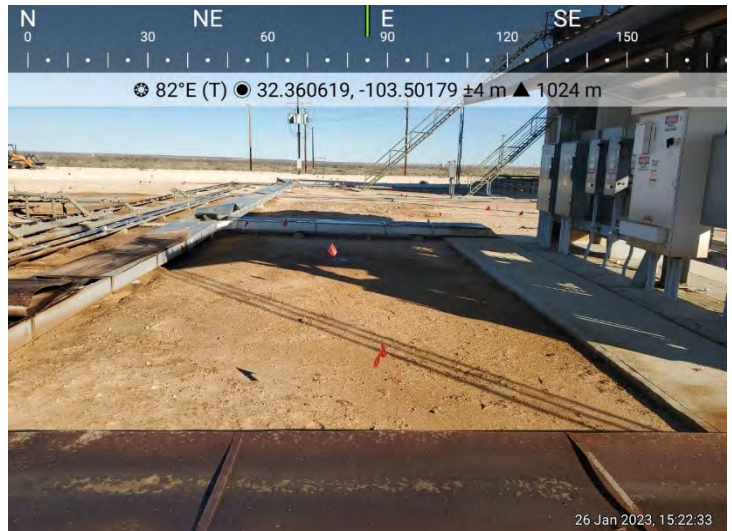


Photograph No. 21

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

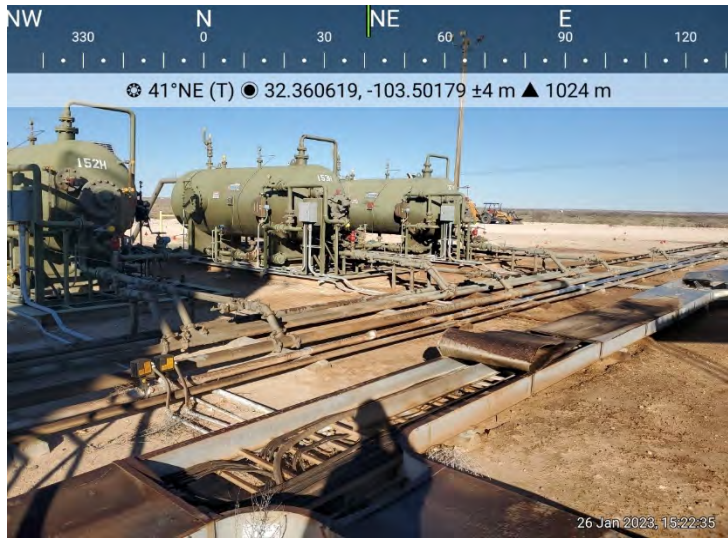
Devon Energy Production Company

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:
Area of concern.



PHOTOGRAPHIC LOG

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:
Area of concern.



PHOTOGRAPHIC LOG

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.



PHOTOGRAPHIC LOG

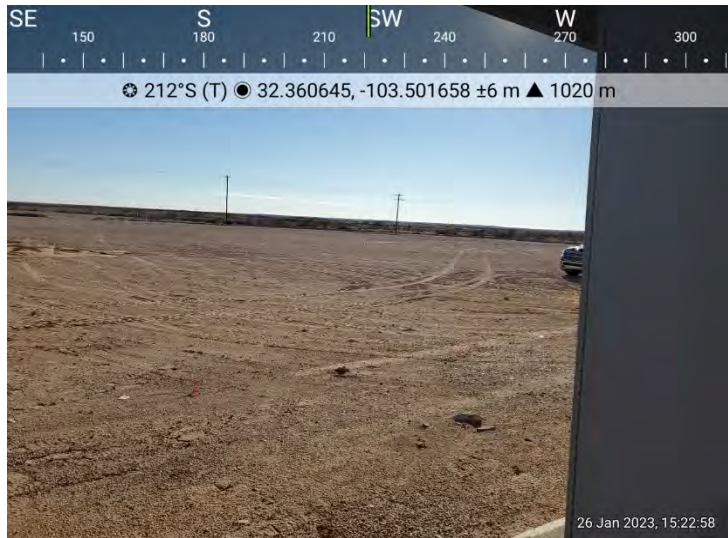
Devon Energy Production Company

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.

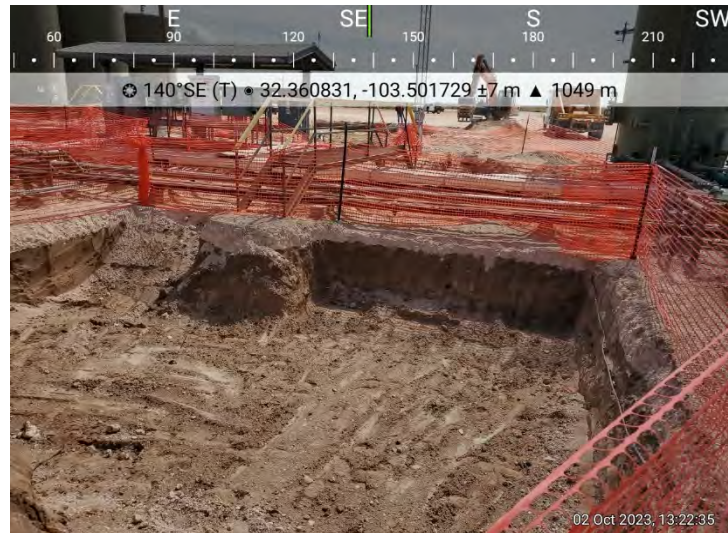


Photograph No. 33

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 34

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.

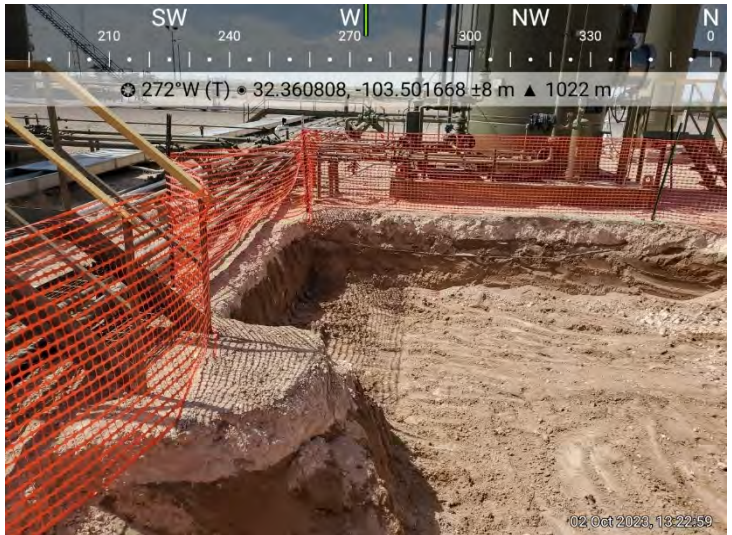


Photograph No. 35

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:
Area of concern.



PHOTOGRAPHIC LOG

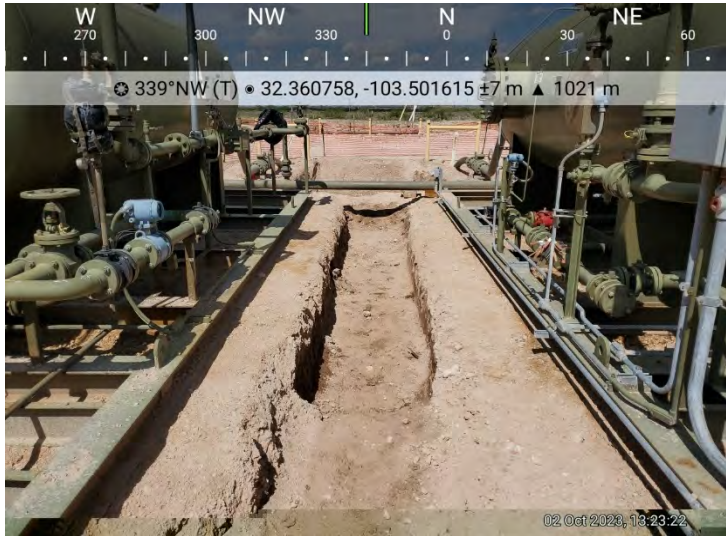
Devon Energy Production Company

Photograph No. 37

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.

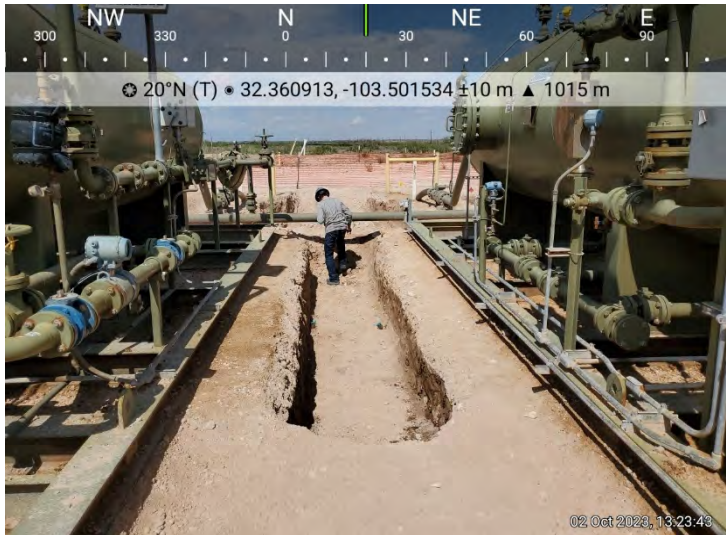


Photograph No. 38

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:
Area of concern.



PHOTOGRAPHIC LOG

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.



PHOTOGRAPHIC LOG

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.

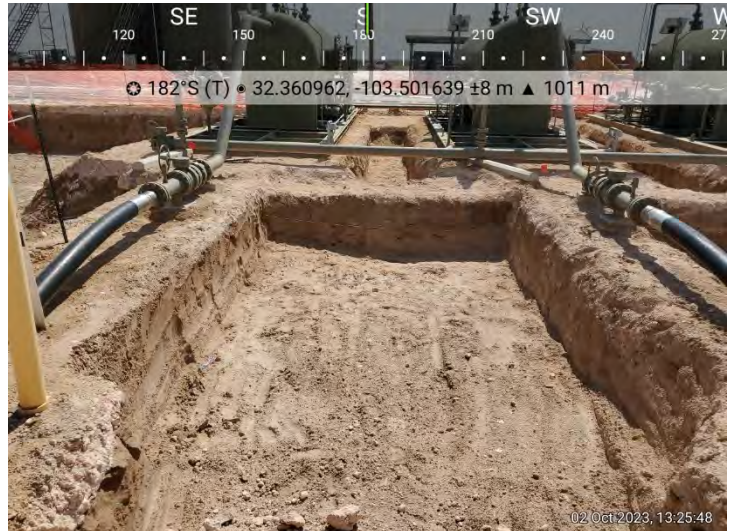


Photograph No. 45

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 46

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.

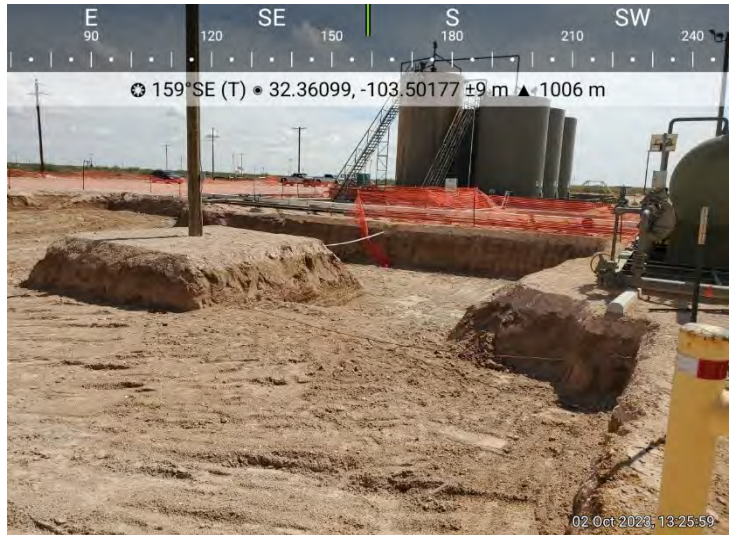


Photograph No. 47

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:
Area of concern.



PHOTOGRAPHIC LOG

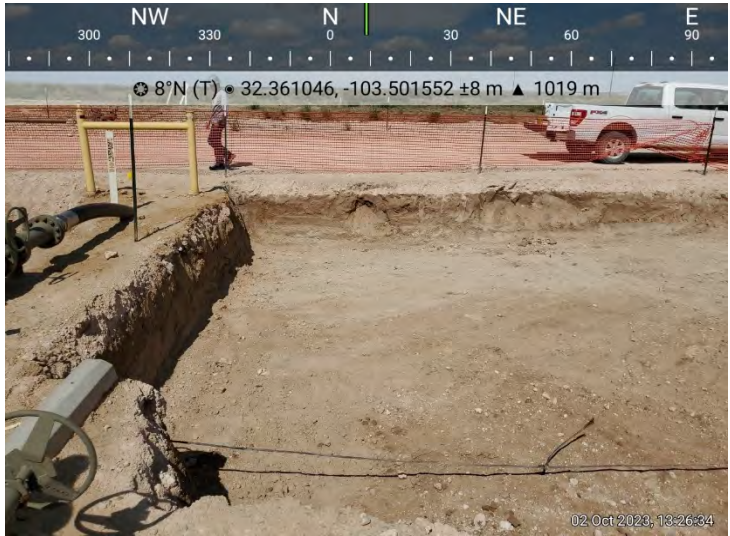
Devon Energy Production Company

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.



PHOTOGRAPHIC LOG

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.



PHOTOGRAPHIC LOG

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.

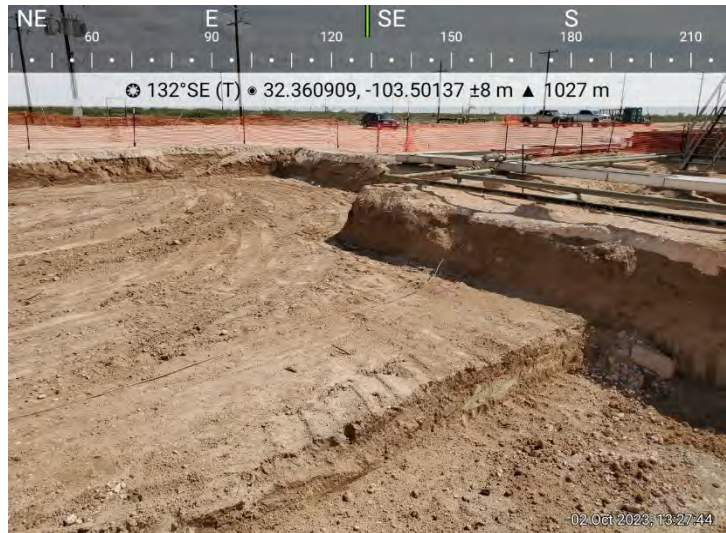


Photograph No. 57

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.



PHOTOGRAPHIC LOG

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:
Area of concern.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 61

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.

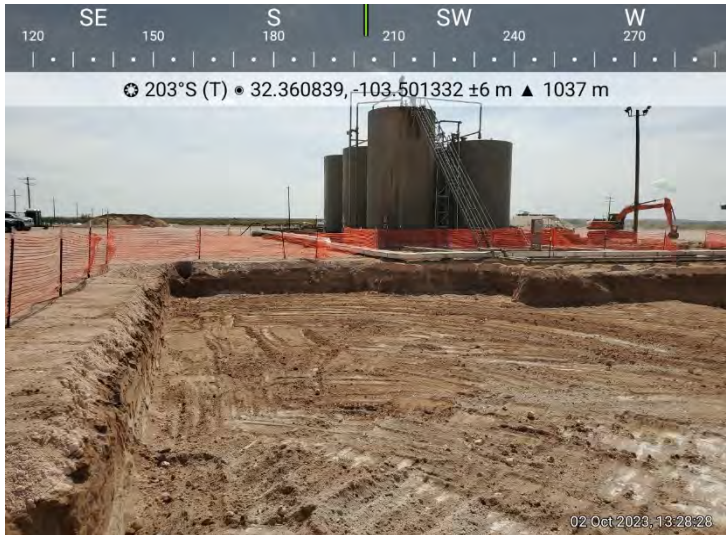


Photograph No. 62

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.



PHOTOGRAPHIC LOG

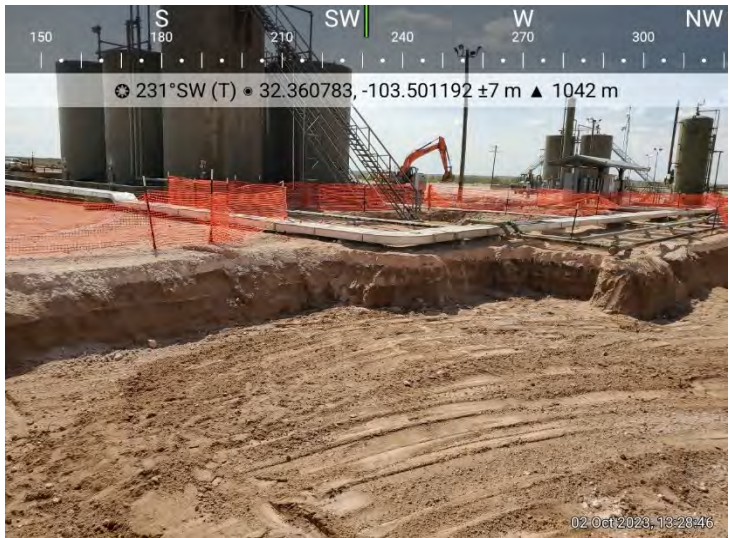
Devon Energy Production Company

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.



PHOTOGRAPHIC LOG

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:
Area of concern.



PHOTOGRAPHIC LOG

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:
Area of concern.



PHOTOGRAPHIC LOG

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.



PHOTOGRAPHIC LOG

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: Area of concern.



PHOTOGRAPHIC LOG

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.

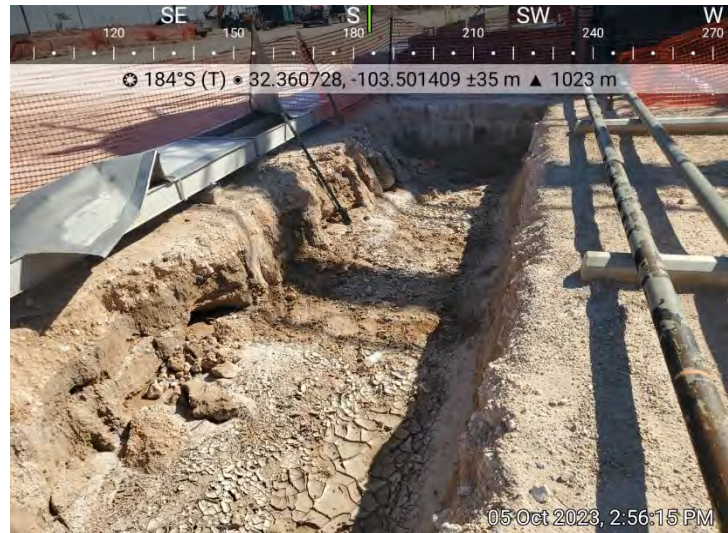


Photograph No. 81

Facility: Gaucho 30 CTB 1

County: Lea County, New Mexico

Description:
Area of concern.

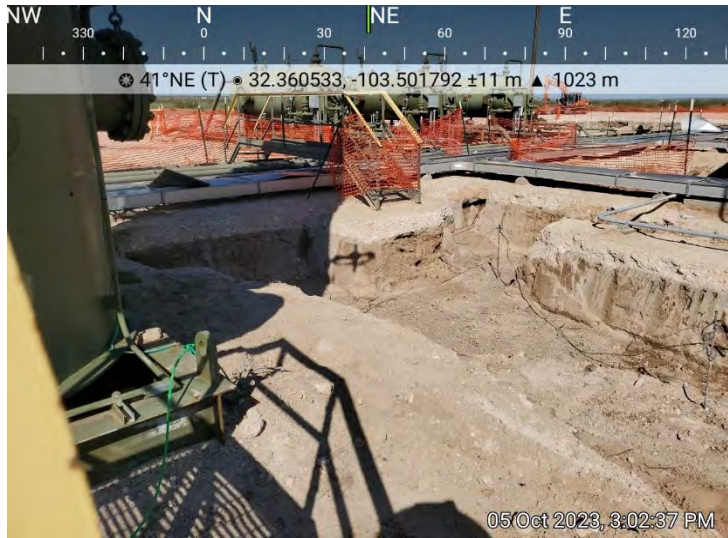


PHOTOGRAPHIC LOG

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.



PHOTOGRAPHIC LOG

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.



PHOTOGRAPHIC LOG

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.



PHOTOGRAPHIC LOG

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.



PHOTOGRAPHIC LOG

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.



PHOTOGRAPHIC LOG

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.



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



Environment Testing

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- 14

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

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



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1/13/2023 1:30:10 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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- 14

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
Project/Site: Gaucho 30 CTB 1

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

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	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.
U	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

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable 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
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	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

Eurofins Carlsbad

Case Narrative

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

Job ID: 890-3763-1
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 (890-3763-19), 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 880-43363 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.

Case Narrative

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

Job ID: 890-3763-1
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.

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Client Sample Results

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

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

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

Lab Sample ID: 890-3763-1

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

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	1

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		mg/Kg			01/09/23 17:57	1

Method: SW846 8015B NM - Diesel Range Organics (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 11:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 11:35	1
Oil 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
Chloride	13700		100		mg/Kg			01/12/23 21:26	20

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

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

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

Eurofins Carlsbad

Client Sample Results

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

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

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 - Diesel Range Organics (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 - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<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
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/06/23 15:06	01/08/23 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				01/06/23 15:06	01/08/23 12:40	1
o-Terphenyl	110		70 - 130				01/06/23 15:06	01/08/23 12:40	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10600		49.6		mg/Kg			01/12/23 21:32	10

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

Lab Sample ID: 890-3763-3

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Method: SW846 8021B - Volatile Organic Compounds (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 - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00652		0.00398		mg/Kg			01/09/23 11:51	1

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		mg/Kg			01/09/23 17:57	1

Method: SW846 8015B NM - Diesel Range Organics (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

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Client Sample Results

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

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

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

Lab Sample ID: 890-3763-3

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil 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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7430		49.6		mg/Kg			01/12/23 21:38	10

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

Lab Sample ID: 890-3763-4

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00530		0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:57	1
Toluene	0.00706		0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/05/23 14:21	01/07/23 00:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/05/23 14:21	01/07/23 00:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/05/23 14:21	01/07/23 00:57	1
1,4-Difluorobenzene (Surr)	96		70 - 130				01/05/23 14:21	01/07/23 00:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0124		0.00399		mg/Kg			01/09/23 11:51	1

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

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

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4940		24.8		mg/Kg			01/12/23 21:44	5

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Client Sample Results

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

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

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

Lab Sample ID: 890-3763-5

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

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

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 - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00878		0.00402		mg/Kg			01/09/23 11:51	1

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		mg/Kg			01/09/23 17:57	1

Method: SW846 8015B NM - Diesel Range Organics (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 13:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 13:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				01/06/23 15:06	01/08/23 13:43	1
o-Terphenyl	94		70 - 130				01/06/23 15:06	01/08/23 13:43	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5110		25.3		mg/Kg			01/12/23 22:03	5

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

Method: SW846 8021B - Volatile Organic Compounds (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

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Client Sample Results

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

Job ID: 890-3763-1
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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0803	U	0.0803		mg/Kg			01/09/23 11:51	1

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		mg/Kg			01/09/23 17:57	1

Method: SW846 8015B NM - Diesel Range Organics (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 14:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 14:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 14:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/06/23 15:06	01/08/23 14:04	1
o-Terphenyl	98		70 - 130				01/06/23 15:06	01/08/23 14:04	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18600		101		mg/Kg			01/12/23 22:09	20

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

Lab Sample ID: 890-3763-7

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

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

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)	107		70 - 130				01/05/23 14:21	01/07/23 01:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

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 Organics (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 - Diesel Range Organics (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 14:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 14:26	1

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Client Sample Results

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

Job ID: 890-3763-1
 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

Date Received: 01/05/23 08:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil 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 Chromatography - Soluble

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

Method: SW846 8021B - Volatile Organic Compounds (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 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

Method: TAL SOP Total BTEX - Total BTEX Calculation

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 Organics (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 - Diesel Range Organics (DRO) (GC)

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 14:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 14:47	1
Oil 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, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9770		50.1		mg/Kg			01/12/23 22:33	10

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Client Sample Results

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

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

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

Lab Sample ID: 890-3763-9

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Method: SW846 8021B - Volatile Organic Compounds (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 02:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/05/23 14:21	01/07/23 02:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/05/23 14:21	01/07/23 02:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/05/23 14:21	01/07/23 02:18	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/05/23 14:21	01/07/23 02:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

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 - Diesel Range Organics (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 - Diesel Range Organics (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 15:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 15:08	1
Oil 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

Method: SW846 8021B - Volatile Organic Compounds (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 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

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Client Sample Results

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

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

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 - Diesel Range Organics (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 - Diesel Range Organics (DRO) (GC)

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 15:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 15:29	1
Oil 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 Chromatography - Soluble

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

Method: SW846 8021B - Volatile Organic Compounds (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 05:09	1
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)	108		70 - 130				01/05/23 14:21	01/07/23 05:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00781		0.00400		mg/Kg			01/09/23 11:51	1

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

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 16:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 16:12	1

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Client Sample Results

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

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil 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)

Lab Sample ID: 890-3763-12

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Method: SW846 8021B - Volatile Organic Compounds (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: TAL SOP Total BTEX - Total BTEX Calculation

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 - Diesel Range Organics (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 - Diesel Range Organics (DRO) (GC)

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

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

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Client Sample Results

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

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

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

Lab Sample ID: 890-3763-13

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Method: SW846 8021B - Volatile Organic Compounds (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

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 Organics (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 - Diesel Range Organics (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 16:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 16:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 16:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	01/06/23 15:06	01/08/23 16:54	1
o-Terphenyl	103		70 - 130	01/06/23 15:06	01/08/23 16:54	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4890		25.1		mg/Kg			01/12/23 12:20	5

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

Method: SW846 8021B - Volatile Organic Compounds (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 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

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Client Sample Results

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

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

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 - Diesel Range Organics (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 - Diesel Range Organics (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 17:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 17:16	1
Oil 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
1-Chlorooctane	97		70 - 130				01/06/23 15:06	01/08/23 17:16	1
o-Terphenyl	107		70 - 130				01/06/23 15:06	01/08/23 17:16	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00250		0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:31	1
Toluene	0.00236		0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 06:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 06:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				01/05/23 14:21	01/07/23 06:31	1
1,4-Difluorobenzene (Surr)	104		70 - 130				01/05/23 14:21	01/07/23 06:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00486		0.00402		mg/Kg			01/09/23 11:51	1

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		mg/Kg			01/09/23 17:57	1

Method: SW846 8015B NM - Diesel Range Organics (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 17:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 17:37	1

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Client Sample Results

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

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil 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

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00242		0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 06:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 06:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				01/05/23 14:21	01/07/23 06:52	1
1,4-Difluorobenzene (Surr)	97		70 - 130				01/05/23 14:21	01/07/23 06:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/09/23 11:51	1

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

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 17:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 17:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				01/06/23 15:06	01/08/23 17:58	1
o-Terphenyl	105		70 - 130				01/06/23 15:06	01/08/23 17:58	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		5.01		mg/Kg			01/12/23 11:00	1

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Client Sample Results

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

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

Client Sample ID: H-2

Lab Sample ID: 890-3763-17

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/05/23 14:21	01/07/23 07:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/05/23 14:21	01/07/23 07:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/05/23 14:21	01/07/23 07:12	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/05/23 14:21	01/07/23 07:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/09/23 11:51	1

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		mg/Kg			01/09/23 17:57	1

Method: SW846 8015B NM - Diesel Range Organics (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 18:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 18:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 18:20	1

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

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	412		5.04		mg/Kg			01/12/23 11:06	1

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:32	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/05/23 14:21	01/07/23 07:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/05/23 14:21	01/07/23 07:32	1

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

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Client Sample Results

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

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/09/23 11:51	1

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

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 18:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 18:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 18:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				01/06/23 15:06	01/08/23 18:41	1
o-Terphenyl	91		70 - 130				01/06/23 15:06	01/08/23 18:41	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	499		4.99		mg/Kg			01/12/23 11:12	1

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

Method: SW846 8021B - Volatile Organic Compounds (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 07:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 07:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 07:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 07:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 07:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 07:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/05/23 14:21	01/07/23 07:53	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/05/23 14:21	01/07/23 07:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

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 Organics (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 - Diesel Range Organics (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 19:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 19:02	1

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Client Sample Results

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

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil 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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	488		5.03		mg/Kg			01/12/23 11:18	1

Client Sample ID: H-5

Lab Sample ID: 890-3763-20

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			01/09/23 11:51	1

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		mg/Kg			01/09/23 17:57	1

Method: SW846 8015B NM - Diesel Range Organics (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 19:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 19:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				01/06/23 15:06	01/08/23 19:24	1
o-Terphenyl	87		70 - 130				01/06/23 15:06	01/08/23 19:24	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	178		4.98		mg/Kg			01/10/23 17:43	1

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Client Sample Results

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

Job ID: 890-3763-1
 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

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

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)	112		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 Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/11/23 17:03	1

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		mg/Kg			01/09/23 09:38	1

Method: SW846 8015B NM - Diesel Range Organics (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 13:02	01/07/23 21:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		01/06/23 13:02	01/07/23 21:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 13:02	01/07/23 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	01/06/23 13:02	01/07/23 21:32	1
o-Terphenyl	81		70 - 130	01/06/23 13:02	01/07/23 21:32	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	426		4.97		mg/Kg			01/10/23 17:48	1

Client Sample ID: H-7

Lab Sample ID: 890-3763-22

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

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

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

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Client Sample Results

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

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

Client Sample ID: H-7

Lab Sample ID: 890-3763-22

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Method: TAL SOP Total BTEX - Total BTEX Calculation

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 - Diesel Range Organics (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 - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		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
Oil 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

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	888		5.02		mg/Kg			01/10/23 17:53	1

Client Sample ID: H-8

Lab Sample ID: 890-3763-23

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

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

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	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/11/23 09:16	01/11/23 15:17	1
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	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/11/23 09:16	01/11/23 15:17	1
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)	111		70 - 130				01/11/23 09:16	01/11/23 15:17	1
1,4-Difluorobenzene (Surr)	106		70 - 130				01/11/23 09:16	01/11/23 15:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/11/23 17:03	1

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		mg/Kg			01/09/23 09:38	1

Method: SW846 8015B NM - Diesel Range Organics (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 13:02	01/07/23 22:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 13:02	01/07/23 22:56	1

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Client Sample Results

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

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

Client Sample ID: H-8

Lab Sample ID: 890-3763-23

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 13:02	01/07/23 22:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				01/06/23 13:02	01/07/23 22:56	1
o-Terphenyl	78		70 - 130				01/06/23 13:02	01/07/23 22:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1250		5.01		mg/Kg			01/10/23 17:58	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Surrogate Summary

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

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

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		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	S-1 (2-2.5)	108	106
890-3763-4	S-1 (3-3.5)	108	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

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (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

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Surrogate Summary

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

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

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-3763-4	S-1 (3-3.5)	82	92
890-3763-5	S-1 (4-4.5)	82	94
890-3763-6	S-2 (0-1)	88	98
890-3763-7	S-2 (1-1.5)	81	92
890-3763-8	S-2 (2-2.5)	94	102
890-3763-9	S-2 (3-3.5)	84	93
890-3763-10	S-2 (4-4.5)	82	92
890-3763-11	S-3 (0-1)	89	98
890-3763-12	S-3 (1-1.5)	93	102
890-3763-13	S-3 (2-2.5)	92	103
890-3763-14	S-3 (3-3.5)	97	107
890-3763-15	S-3 (4-4.5)	97	109
890-3763-16	H-1	93	105
890-3763-17	H-2	96	106
890-3763-18	H-3	81	91
890-3763-19	H-4	79	89
890-3763-20	H-5	80	87
890-3763-21	H-6	81	81
890-3763-21 MS	H-6	84	73
890-3763-21 MSD	H-6	93	82
890-3763-22	H-7	77	81
890-3763-23	H-8	76	78
LCS 880-43383/2-A	Lab Control Sample	116	103
LCS 880-43418/2-A	Lab Control Sample	107	109
LCSD 880-43383/3-A	Lab Control Sample Dup	112	102
LCSD 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+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

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
Matrix: Solid
Analysis Batch: 43326

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43171

Analyte	MB Result	MB 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

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

Lab Sample ID: MB 880-43280/5-A
Matrix: Solid
Analysis Batch: 43326

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43280

Analyte	MB Result	MB 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
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/05/23 14:21	01/06/23 23:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/06/23 23:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/05/23 14:21	01/06/23 23:47	1

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

Lab Sample ID: LCS 880-43280/1-A
Matrix: Solid
Analysis Batch: 43326

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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
m-Xylene & p-Xylene	0.200	0.1809		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08714		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09792		mg/Kg		98	70 - 130	4	35

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QC Sample Results

Client: NT Global
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: LCSD 880-43280/2-A
Matrix: Solid
Analysis Batch: 43326

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	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

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

Lab Sample ID: 890-3763-2 MS
Matrix: Solid
Analysis Batch: 43326

Client Sample ID: S-1 (1-1.5)
Prep Type: Total/NA
Prep Batch: 43280

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%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

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

Lab Sample ID: 890-3763-2 MSD
Matrix: Solid
Analysis Batch: 43326

Client Sample ID: S-1 (1-1.5)
Prep Type: Total/NA
Prep Batch: 43280

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

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

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	MB Result	MB 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 12:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/11/23 09:16	01/11/23 12:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/11/23 09:16	01/11/23 12:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/11/23 09:16	01/11/23 12:25	1

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QC Sample Results

Client: NT Global
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	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	101		70 - 130	01/11/23 09:16	01/11/23 12:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/11/23 09:16	01/11/23 12:25	1

Lab Sample ID: LCS 880-43707/1-A
Matrix: Solid
Analysis Batch: 43709

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43707

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

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-43707/2-A
Matrix: Solid
Analysis Batch: 43709

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43707

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
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

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

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

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
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

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QC Sample Results

Client: NT Global
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: 880-23426-A-20-H MS
Matrix: Solid
Analysis Batch: 43709

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 43707

Surrogate	MS %Recovery	MS 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

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

Surrogate	MSD %Recovery	MSD 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

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	01/06/23 13:02	01/07/23 20:30	1
o-Terphenyl	111		70 - 130	01/06/23 13:02	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

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	1000	924.2		mg/Kg		92	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	895.4		mg/Kg		90	70 - 130	

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

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QC Sample Results

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

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

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43383

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit	
										RPD
Gasoline Range Organics (GRO)-C6-C10	1000	879.8		mg/Kg		88	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)	1000	874.8		mg/Kg		87	70 - 130	2	20	
		LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	112		70 - 130							
o-Terphenyl	102		70 - 130							

Lab Sample ID: 890-3763-21 MS
Matrix: Solid
Analysis Batch: 43449

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	794.6		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	673.6	F1	mg/Kg		67	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	84		70 - 130								
o-Terphenyl	73		70 - 130								

Lab Sample ID: 890-3763-21 MSD
Matrix: Solid
Analysis Batch: 43449

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	879.5		mg/Kg		85	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	997	755.9		mg/Kg		76	70 - 130	12	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	82		70 - 130								

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

Analyte	MB Result	MB 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 08:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 08:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 08:59	1

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QC Sample Results

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

Job ID: 890-3763-1
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

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	124		70 - 130	01/06/23 15:06	01/08/23 08:59	1
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
Matrix: Solid
Analysis Batch: 43458

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43418

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

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	107		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: LCSD 880-43418/3-A
Matrix: Solid
Analysis Batch: 43458

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43418

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

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

Lab Sample ID: 890-3763-1 MS
Matrix: Solid
Analysis Batch: 43458

Client Sample ID: S-1 (0-1)
Prep Type: Total/NA
Prep Batch: 43418

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	830.3		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	935.2		mg/Kg		91	70 - 130

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

QC Sample Results

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

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

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

Lab Sample ID: 890-3763-1 MSD
Matrix: Solid
Analysis Batch: 43458

Client Sample ID: S-1 (0-1)
Prep Type: Total/NA
Prep Batch: 43418

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	806.0		mg/Kg		78	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	901.0		mg/Kg		88	70 - 130	4	20
Surrogate	%Recovery	MSD Qualifier		MSD							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
Matrix: Solid
Analysis Batch: 43615

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB 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
Matrix: Solid
Analysis Batch: 43615

Client Sample ID: Lab Control Sample
Prep Type: Soluble

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

Lab Sample ID: LCSD 880-43363/3-A
Matrix: Solid
Analysis Batch: 43615

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

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

Lab Sample ID: 880-23397-A-4-B MS
Matrix: Solid
Analysis Batch: 43615

Client Sample ID: Matrix Spike
Prep Type: Soluble

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

Lab Sample ID: 880-23397-A-4-C MSD
Matrix: Solid
Analysis Batch: 43615

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

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

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QC Sample Results

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

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

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-43411/1-A
Matrix: Solid
Analysis Batch: 43621

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/12/23 09:40	1

Lab Sample ID: LCS 880-43411/2-A
Matrix: Solid
Analysis Batch: 43621

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	273.9		mg/Kg		110	90 - 110

Lab Sample ID: LCSD 880-43411/3-A
Matrix: Solid
Analysis Batch: 43621

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	273.8		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 890-3766-A-4-F MS
Matrix: Solid
Analysis Batch: 43621

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	95.6	F1	253	391.8	F1	mg/Kg		117	90 - 110

Lab Sample ID: 890-3766-A-4-H MSD
Matrix: Solid
Analysis Batch: 43621

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	95.6	F1	253	392.8	F1	mg/Kg		118	90 - 110	0	20

Lab Sample ID: MB 880-43412/1-A
Matrix: Solid
Analysis Batch: 43622

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/12/23 20:00	1

Lab Sample ID: LCS 880-43412/2-A
Matrix: Solid
Analysis Batch: 43622

Client Sample ID: Lab Control Sample
Prep Type: Soluble

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

Lab Sample ID: LCSD 880-43412/3-A
Matrix: Solid
Analysis Batch: 43622

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	271.4		mg/Kg		109	90 - 110	1	20

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QC Sample Results

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

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-3763-4 MS
 Matrix: Solid
 Analysis Batch: 43622

Client Sample ID: S-1 (3-3.5)
 Prep Type: Soluble

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

Lab Sample ID: 890-3763-4 MSD
 Matrix: Solid
 Analysis Batch: 43622

Client Sample ID: S-1 (3-3.5)
 Prep Type: Soluble

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

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 Batch
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

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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 (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

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-1	S-1 (0-1)	Total/NA	Solid	Total BTEX	
890-3763-2	S-1 (1-1.5)	Total/NA	Solid	Total BTEX	
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	
890-3763-8	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	
890-3763-19	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	
890-3763-23	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
 Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1
 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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QC Association Summary

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

Job ID: 890-3763-1
 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 Batch
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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QC Association Summary

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

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

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 Batch
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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QC Association Summary

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

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

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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QC Association Summary

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

Job ID: 890-3763-1
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

- 1
- 2
- 3
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- 11
- 12
- 13
- 14

Lab Chronicle

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

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

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

Lab Sample ID: 890-3763-1

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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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Lab Chronicle

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

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

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

Lab Sample ID: 890-3763-4

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

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

Lab Sample ID: 890-3763-5

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Eurofins Carlsbad

Lab Chronicle

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

Job ID: 890-3763-1
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

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

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

Lab Sample ID: 890-3763-9

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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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Lab Chronicle

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

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

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		10			43621	01/12/23 12:07	CH	EET MID

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

Lab Sample ID: 890-3763-12

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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)

Lab Sample ID: 890-3763-13

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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)

Lab Sample ID: 890-3763-14

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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
 Project/Site: Gaucho 30 CTB 1

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

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

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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	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 18:20	SM	EET MID

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Lab Chronicle

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

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

Client Sample ID: H-2

Lab Sample ID: 890-3763-17

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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 MID
Soluble	Analysis	300.0		1			43615	01/10/23 17:43	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

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

Job ID: 890-3763-1
 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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Lab Sample ID: 890-3763-23

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Accreditation/Certification Summary

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

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

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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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
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B 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
8015NM Prep	Microextraction	SW846	EET MID
DI 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



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

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Chain of Custody

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Work Order No: _____

Page 1 of 3

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 402 E Wood Ave
 City, State ZIP: Carlsbad, NM 88220
 Phone: 254-266-5456

Bill to: (if different)
 Company Name: Wesley Mathews
 Address: 6488 Seven Rivers Highway
 City, State ZIP: Artesia, NM 88210

Email: Wesley.Mathews@dvn.com

Work Order Comments
 Program: UST/PST PRP Brownfields RRC Superfund
 State of Project: _____
 Reporting Level: Level II Level III PST/UST RRP Level IV
 Deliverables: EDD ADAPT Other: _____

Project Name: Gaucho 30 CTB 1
 Project Number: _____
 Project Location: Lea Co, NM
 Sampler's Name: Kenny Han
 PO #: 21105841

Received In tact: Yes No
 Cooler Custody Seals: Yes No N/A
 Sample Custody Seals: Yes No N/A
 Total Containers: 23

Turn Around
 Routine Rush
 Due Date: _____
 TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
 Thermometer ID: TMM-007
 Well Ice: Yes No
 Correction Factor: -0.2
 Temperature Reading: 2.4
 Corrected Temperature: 2.2

Parameters
 BTEX 8021B
 TPH 8015M (GRO + DRO + MRO)
 Chloride 4500

ANALYSIS REQUEST

Preservative Codes
 None: NO DI Water: H₂O
 Cool: Cool MeOH: Me
 HCL: HC HNO₃: HN
 H₂SO₄: H₂ NaOH: Na
 H₃PO₄: HP
 NaHSO₄: NABIS
 Na₂S₂O₅: NaSO₃
 Zn Acetate+NaOH: Zn
 NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
S-1 (0-1)	1/4/2023		X		Comp	1	X X X X X	
S-1 (1-1.5)	1/4/2023		X		Comp	1	X X X X X	
S-1 (2-2.5)	1/4/2023		X		Comp	1	X X X X X	
S-1 (3-3.5)	1/4/2023		X		Comp	1	X X X X X	
S-1 (4-4.5)	1/4/2023		X		Comp	1	X X X X X	
S-2 (0-1)	1/4/2023		X		Comp	1	X X X X X	
S-2 (1-1.5)	1/4/2023		X		Comp	1	X X X X X	
S-2 (2-2.5)	1/4/2023		X		Comp	1	X X X X X	
S-2 (3-3.5)	1/4/2023		X		Comp	1	X X X X X	
S-2 (4-4.5)	1/4/2023		X		Comp	1	X X X X X	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-5-23 0854			



Chain of Custody

Work Order No: _____

Page 2 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Aresia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Gaucha 30 CTB 1	Turn Around		Pres. Code	ANALYSIS REQUEST	Preservative Codes	
Project Number:		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush				
Project Location:	Lea Co. NM	Due Date:				None: NO	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm					DI Water: H ₂ O
PO #:	21105841	Temp Blank:	Yes No	Well Ice:		Cool: Cool	
SAMPLE RECEIPT	Received In tact:	Yes No	Thermometer ID:	Yes No		HCL: HC	
	Cooler Custody Seals:	Yes No N/A	Correction Factor:	Yes No		H ₂ SO ₄ : H ₂	
	Sample Custody Seals:	Yes No N/A	Temperature Reading:	Yes No		H ₃ PO ₄ : HP	
Total Containers:	23	Corrected Temperature:				NaHSO ₄ : NABIS	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
S-3 (0-1)	1/4/2023		X		Comp	1	X	X	X	
S-3 (1-1.5)	1/4/2023		X		Comp	1	X	X	X	
S-3 (2-2.5)	1/4/2023		X		Comp	1	X	X	X	
S-3 (3-3.5)	1/4/2023		X		Comp	1	X	X	X	
S-3 (4-4.5)	1/4/2023		X		Comp	1	X	X	X	
H-1	1/4/2023		X		Comp	1	X	X	X	
H-2	1/4/2023		X		Comp	1	X	X	X	
H-3	1/4/2023		X		Comp	1	X	X	X	
H-4	1/4/2023		X		Comp	1	X	X	X	
H-5	1/4/2023		X		Comp	1	X	X	X	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco. Its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-5-23 0854 ²			



Chain of Custody

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Work Order No: _____

Page 3 of 3

Project Manager: Ethan Sessums	Bill to: (if different)
Company Name: NTG Environmental	Company Name: Wesley Mathews
Address: 402 E Wood Ave	Address: Devon Energy
City, State ZIP: Carlsbad, NM 88220	City, State ZIP: 6488 Seven Rivers Highway
Phone: 254-266-5456	City, State ZIP: Artesia, NM 88210
Email: Wesley.Mathews@dvn.com	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting Level: I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____

Project Name: Gaucho 30 CTB 1	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST
Project Number:	Due Date:		
Project Location: Lea Co, NM	TAT starts the day received by the lab, if received by 4:30pm		
Sampler's Name: Kenny Han			
PO #: 21105841			
SAMPLE RECEIPT	Temp Blank: Yes No	Wet/lee: Yes No	
Received Intact: Yes No	Thermometer/ID: _____		
Cooler Custody Seals: Yes No N/A	Corrector Factor: _____		
Sample Custody Seals: Yes No N/A	Temperature Reading: _____		
Total Containers: 23	Corrected Temperature: _____		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
H-6	1/4/2023		X		Comp	1	X	X	X	
H-7	1/4/2023		X		Comp	1	X	X	X	
H-8	1/4/2023		X		Comp	1	X	X	X	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		1-5-23 2854			

Login Sample Receipt Checklist

Client: NT Global

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

Login Number: 3763
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

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	

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Login Sample Receipt Checklist

Client: NT Global

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

Login Number: 3763
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 01/06/23 11:27 AM

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 <6mm (1/4").	N/A	

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

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:	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		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	1.88	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 % 71.5-134

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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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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:	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		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	1.88	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 % 71.5-134

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	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 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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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:	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 (3') (H230392-03)

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	1.88	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 % 71.5-134

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	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 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 114 % 71.5-134

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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

Chloride, SM4500Cl-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		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 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 120 % 71.5-134

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	3.92	

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	01/30/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

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		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 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 120 % 71.5-134

Chloride, SM4500Cl-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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 114 % 71.5-134

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		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 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 (6') (H230392-11)

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) 117 % 71.5-134

Chloride, SM4500Cl-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		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 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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) 113 % 71.5-134

Chloride, SM4500Cl-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 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 % 71.5-134

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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 % 71.5-134

Chloride, SM4500Cl-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 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	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 (10') (H230392-15)

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 % 71.5-134

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		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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Analytical Results For:

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

Received:	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 % 71.5-134

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		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 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 (2') (H230392-17)

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) 171 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 163 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 133 % 71.5-134

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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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) 121 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

Chloride, SM4500CI-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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received:	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 (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 % 71.5-134

Chloride, SM4500CI-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		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*	<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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 (9') (H230392-24)

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 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	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 (10') (H230392-25)

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) 104 % 71.5-134

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	3.77	

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*	<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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	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 % 71.5-134

Chloride, SM4500CI-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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 (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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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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:	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		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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	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 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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*	<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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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) 108 % 71.5-134

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	3.77	

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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 108 % 71.5-134

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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 104 % 71.5-134

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		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*	<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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

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	3.77	

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*	<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 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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:	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		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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 104 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 (1') (H230392-41)

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 % 71.5-134

Chloride, SM4500Cl-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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 103 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Analytical Results For:

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

Received:	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 % 71.5-134

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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 % 71.5-134

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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 (1') (H230392-46)

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) 124 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 124 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Analytical Results For:

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

Received:	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 (3') (H230392-48)

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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 122 % 71.5-134

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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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

Received:	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 - 3 (0-6") (H230392-53)

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) 124 % 71.5-134

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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	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 - 4 (0-6") (H230392-54)

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) 124 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Analytical Results For:

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

Received:	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		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	1.97	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 % 71.5-134

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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Analytical Results For:

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

Received:	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		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	1.97	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 % 71.5-134

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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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

Received:	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		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	1.97	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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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 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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H236392

Page 1 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: USTR/PT	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Gaucha Unit 30 CTR 1	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number:	236730	Due Date:	TAT starts the day received by the lab, if received by 4:30pm
Project Location:	Lea Co, NM	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sampler's Name:	Kellan Smith	Thermometer ID:	113
PO #:	2185841	Correction Factor:	-0.4
SAMPLE RECEIPT	Tamp Blank:	Temperature Reading:	-1.8
Received In tact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Corrected Temperature:	-2.4
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Total Containers:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
TP-1 (1')	1-26-23				Grab		BTEX 8021B		None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NAHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₅ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	1
TP-1 (2')							TPH 8015M (GRO + DRO + MRO)			2
TP-1 (3')							Chloride 4500			3
TP-1 (4')										4
TP-1 (5')										5
TP-2 (1')										6
TP-2 (2')										7
TP-2 (3')										8
TP-2 (4')										9
TP-2 (5')										10

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-26-23 10:41			



Chain of Custody

Work Order No: 1830392

Page 2 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	<u>Baycho Unit 30 CTR 1</u>	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	<u>23C730</u>	Due Date:			
Project Location:	<u>Lea Co, NM</u>	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	<u>Kellan Smith</u>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
PO #:	<u>21105841</u>	Thermometer ID:		Correction Factor:	<u>113</u>
SAMPLE RECEIPT		Received In-lab:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	<u>-0.0°C</u>
Received In-lab:		Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Corrected Temperature:	<u>-1.8°C</u>
Sample Custody Seals:		Total Containers:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		<u>-2.4°C</u>

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Preservative Codes	Sample Comments
TP-2 (C1)	1-26-23				Grab		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500	NONE: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ H ₂ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	11 12 13 14 15 16 17 18 19 20
TP-2 (7')									
TP-2 (8')									
TP-2 (9')									
TP-2 (10')									
TP-3 (1')									
TP-3 (2')									
TP-3 (3')									
TP-3 (4')									
TP-3 (5')									

Additional Comments:

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Chain of Custody

Work Order No: 112303912

Page 3 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level	<input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Guels Unit 1 30 CR 1	Turn Around		Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number:	230730	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush			
Project Location:	Lea Co NM	Due Date:	TAT starts the day received by the lab, if received by 4:30pm		BTEX 8021B	None: NO
Sampler's Name:	Lea Co staff	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	TPH 8015M (GRO + DRO + MRO)	Cool: Cool
PO #:	21P3 841	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	Chloride 4500	HCL: HC
SAMPLE RECEIPT		Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:		H ₂ SO ₄ : H ₂
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					H ₃ PO ₄ : HP
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A					NaHSO ₄ : NABIS
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A					Na ₂ S ₂ O ₅ : NaSO ₃
Total Containers:						Zn Acetate+NaOH: Zn
						NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
TP-3 (6')	1-26-23				Grab	1		21
TP-3 (7')						1		22
TP-3 (8')						1		23
TP-3 (9')						1		24
TP-3 (10')						1		25
TP-4 (11')						1		26
TP-4 (12')						1		27
TP-4 (3')						1		28
TP-4 (4')						1		29
TP-4 (5')						1		30

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		1-26-23 10:24			



Chain of Custody

Work Order No: 1830392

Page 4 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Carcho Unit 30 CR3 I	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST	Preservative Codes
Project Number:	230730	Due Date:	TAT starts the day received by the lab, if received by 4:30pm				None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Carlsbad, NM	Temp Blank:	Yes (No) <input checked="" type="checkbox"/> Wet Ice: Yes (No) <input checked="" type="checkbox"/>				
Sampler's Name:	Kelli Smith	Thermometer ID:	113				
PO #:	21105841	Correction Factor:	-0.06				
SAMPLE RECEIPT		Temperature Reading:	-1.8				
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	-2.4				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
Total Containers:							

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
TP-4 (6')	1-26-23				Sub		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500	31
TP-4 (7')								32
TP-4 (8')								33
TP-4 (9')								34
TP-4 (10')								35
TP-5 (11')								36
TP-5 (12')								37
TP-5 (13')								38
TP-5 (14')								39
TP-5 (15')								40

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$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.

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<i>[Signature]</i>	<i>[Signature]</i>	1-26-23 10:24			



Chain of Custody

Work Order No: 11230392

Page 5 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Carlsbad Unit 30 CR 1	Tum Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	236730	Due Date:			
Project Location:	W. Co. N/A	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Kellie Smith	Well Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
PO #:	21105891	Thermometer ID:	113		
SAMPLE RECEIPT	Temp Blank: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Correction Factor:	-0.0°C		
Received Inlet:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Temperature Reading:	-1.8°C		
Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Corrected Temperature:	-2.4°C		
Sample Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Total Containers:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Preservative Codes	Sample Comments
TP-6 (1')	1-26-23				Grab		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500	HOLD	41
TP-6 (2')									42
TP-6 (3')									43
TP-6 (4')									44
TP-6 (5')									45
TP-7 (1')									46
TP-7 (2')									47
TP-7 (3')									48
TP-7 (4')									49
TP-7 (5')									50

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		1-26-23 10:24			



Chain of Custody

Work Order No: 1930392

Page 6 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Program:	UST/PST <input type="checkbox"/> PRR <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Calcho Unit 70C81	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST					Preservative Codes	
Project Number:	256730	Due Date:								None: NO	
Project Location:	Lee Co, NM	TAT starts the day received by the lab, if received by 4:30pm									Cool: Cool
Sampler's Name:	Michelle Smith	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							HCL: HC	
PO #:	21105891	Thermometer ID:	113							H ₂ SO ₄ : H ₂	
SAMPLE RECEIPT	Temp Blank: Yes <input checked="" type="checkbox"/> No	Correction Factor:	-0.10°C							H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No	Temperature Reading:	-1.8°C							NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No	Corrected Temperature:	-2.4°C							Na ₂ S ₂ O ₅ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No									Zn Acetate+NaOH: Zn	
Total Containers:										NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
H-1 (0-6")	1-26-22				Gas		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500	51
H-2								52
H-3								53
H-4								54
H-5								55
H-6								56
H-7								57
H-8								58

Additional Comments:

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<i>[Signature]</i>	<i>[Signature]</i>	12-23-2024			

Report to:
Ethan Sessums



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

5796 U.S. Hwy 64
Farmington, NM 87401

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



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 regarding 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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
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V-1 0-6"
E308243-01

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		124 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.9 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		124 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.9 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	10	09/06/23	09/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
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V-2 0-6"

E308243-02

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>						
		112 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>						
		95.2 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>						
		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)	ND	20.0	1	09/01/23	09/05/23	
<i>Surrogate: Bromofluorobenzene</i>						
		112 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>						
		95.2 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>						
		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)	2460	50.0	2	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	1240	100	2	09/06/23	09/07/23	
<i>Surrogate: n-Nonane</i>						
		98.1 %	50-200	09/06/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336050
Chloride	8400	200	10	09/06/23	09/06/23	



Sample Data

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

V-3 0-6"
E308243-03

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>						
		113 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>						
		94.5 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>						
		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	
<i>Surrogate: Bromofluorobenzene</i>						
		113 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>						
		94.5 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>						
		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	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	09/06/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336050
Chloride	8350	200	10	09/06/23	09/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
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H-1 0-6"

E308243-04

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		95.2 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.3 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		95.2 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.3 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
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H-2 0-6"

E308243-05

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		118 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.3 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>		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	09/01/23	09/05/23	
<i>Surrogate: Bromofluorobenzene</i>		118 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.3 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>		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	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/23	09/07/23	
<i>Surrogate: n-Nonane</i>		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	09/06/23	09/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
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H-3 0-6"

E308243-06

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		123 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.8 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		123 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.8 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
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H-4 0-6"

E308243-07

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		119 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.9 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>		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	09/01/23	09/05/23	
<i>Surrogate: Bromofluorobenzene</i>		119 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.9 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>		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	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/23	09/07/23	
<i>Surrogate: n-Nonane</i>		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	09/06/23	09/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
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H-5 0-6"
E308243-08

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		120 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		120 %	70-130	09/01/23	09/05/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	09/01/23	09/05/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		99.6 %	50-200	09/06/23	09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2336050
Chloride	161	20.0	1	09/06/23	09/06/23	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
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Volatile Organic Compounds by EPA 8260B

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
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Blank (2335105-BLK1)

Prepared: 09/01/23 Analyzed: 09/05/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.601		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-BS1)

Prepared: 09/01/23 Analyzed: 09/05/23

Benzene	2.55	0.0250	2.50		102	70-130			
Ethylbenzene	2.59	0.0250	2.50		104	70-130			
Toluene	2.64	0.0250	2.50		106	70-130			
o-Xylene	2.78	0.0250	2.50		111	70-130			
p,m-Xylene	5.53	0.0500	5.00		111	70-130			
Total Xylenes	8.31	0.0250	7.50		111	70-130			
Surrogate: Bromofluorobenzene	0.604		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.549		0.500		110	70-130			

Matrix Spike (2335105-MS1)

Source: E308243-07

Prepared: 09/01/23 Analyzed: 09/05/23

Benzene	2.35	0.0250	2.50	ND	94.1	48-131			
Ethylbenzene	2.42	0.0250	2.50	ND	96.6	45-135			
Toluene	2.44	0.0250	2.50	ND	97.5	48-130			
o-Xylene	2.56	0.0250	2.50	ND	102	43-135			
p,m-Xylene	5.12	0.0500	5.00	ND	102	43-135			
Total Xylenes	7.68	0.0250	7.50	ND	102	43-135			
Surrogate: Bromofluorobenzene	0.603		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.557		0.500		111	70-130			

Matrix Spike Dup (2335105-MSD1)

Source: E308243-07

Prepared: 09/01/23 Analyzed: 09/05/23

Benzene	2.52	0.0250	2.50	ND	101	48-131	7.06	23	
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135	7.55	27	
Toluene	2.64	0.0250	2.50	ND	106	48-130	7.92	24	
o-Xylene	2.80	0.0250	2.50	ND	112	43-135	9.09	27	
p,m-Xylene	5.63	0.0500	5.00	ND	113	43-135	9.52	27	
Total Xylenes	8.43	0.0250	7.50	ND	112	43-135	9.38	27	
Surrogate: Bromofluorobenzene	0.611		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.553		0.500		111	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
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Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2335105-BLK1)

Prepared: 09/01/23 Analyzed: 09/05/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.601		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.564		0.500		113	70-130			

LCS (2335105-BS2)

Prepared: 09/01/23 Analyzed: 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: 09/01/23 Analyzed: 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: 09/01/23 Analyzed: 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: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.563		0.500		113	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2336035-BLK1)

Prepared: 09/06/23 Analyzed: 09/06/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.5		50.0		105	50-200			

LCS (2336035-BS1)

Prepared: 09/06/23 Analyzed: 09/06/23

Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	51.0		50.0		102	50-200			

Matrix Spike (2336035-MS1)

Source: E309029-21

Prepared: 09/06/23 Analyzed: 09/06/23

Diesel Range Organics (C10-C28)	286	25.0	250	37.3	99.7	38-132			
Surrogate: n-Nonane	50.4		50.0		101	50-200			

Matrix Spike Dup (2336035-MSD1)

Source: E309029-21

Prepared: 09/06/23 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			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
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Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2336050-BLK1)

Prepared: 09/06/23 Analyzed: 09/06/23

Chloride	ND	20.0							
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LCS (2336050-BS1)

Prepared: 09/06/23 Analyzed: 09/06/23

Chloride	256	20.0	250		103	90-110			
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Matrix Spike (2336050-MS1)

Source: E308243-01

Prepared: 09/06/23 Analyzed: 09/06/23

Chloride	7460	200	250	9090	NR	80-120			M4
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Matrix Spike Dup (2336050-MSD1)

Source: E308243-01

Prepared: 09/06/23 Analyzed: 09/06/23

Chloride	9740	200	250	9090	262	80-120	26.6	20	M4, R2
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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 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 09/07/23 13:56
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- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- R2 The RPD exceeded the acceptance limit.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Chain of Custody



Work Order No: E.308243
 Job # 21100-0001

Project Manager:	Ethan Sessums	Bill to: (if different)	Ethan Sessums
Company Name:	NTG Environmental	Company Name:	NTG Environmental
Address:	209 W McKay St	Address:	209 W McKay St
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	(432) 701-2159	Email:	Esessums@ntglobal.com

Work Order Comments
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> State of Project: Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:	Gauchó Unit #017H	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes								
Project Number:	<u>237780</u>	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Parameters: BTEX 8021B TPH 8015M (GRO + DRO + MIRO) Chloride 4500												None: NO		DI Water: H ₂ O						
Project Location:	Lea Co, NM	Due Date:														Cool: Cool		MeOH: Me						
Sampler's Name:	Joey Pinson	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC		HNO ₃ : HN						
PO #:																H ₂ S ₄ : H ₂		NaOH: Na						
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	H ₃ PO ₄ : HP		HOLD		NaHSO ₄ : NABIS		1 2 3 4 5 6 7 8												
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID:		Na ₂ S ₂ O ₃ : NaSO ₃																				
Cooler Custody Seals:	Yes No N/A	Correction Factor:		Zn Acetate+NaOH: Zn																				
Sample Custody Seals:	Yes No N/A	Temperature Reading: <u>4</u>		NaOH+Ascorbic Acid: SAPC																				
Total Containers:	8	Corrected Temperature:				Sample Comments																		
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont																	
V-1	0-6"	8/30/2023	11:00	X		Grab	1	X	X	X														
V-2	0-6"	8/30/2023	11:05	X		Grab	1	X	X	X														
V-3	0-6"	8/30/2023	11:10	X		Grab	1	X	X	X														
H-1	0-6"	8/30/2023	11:15	X		Grab	1	X	X	X														
H-2	0-6"	8/30/2023	11:20	X		Grab	1	X	X	X														
H-3	0-6"	8/30/2023	11:25	X		Grab	1	X	X	X														
H-4	0-6"	8/30/2023	11:30	X		Grab	1	X	X	X														
H-5	0-6"	8/30/2023	11:35	X		Grab	1	X	X	X														

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>JP</i>	<i>Nichelle Gonzales</i>	<u>8/31/23 10:25</u>	2 <i>Nichelle Gonzales</i>	<i>Andrew M... 8/31/23 2:00</i>	<u>8/31/23 2:00</u>
3 <i>Andrew M...</i>	<i>Carth M...</i>	<u>9/6/23 5:45</u>	4		
5			6		

Envirotech Analytical Laboratory

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

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: 09/08/23 17:00 (4 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

Comments/Resolution

SRC Email not sent per client request.

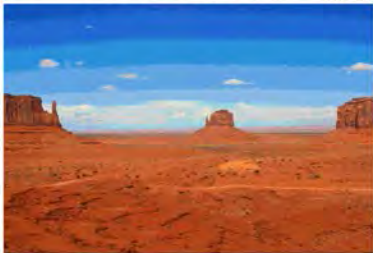
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ethan Sessums



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

5796 U.S. Hwy 64
Farmington, NM 87401

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



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 regarding 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/23 15:03
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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.



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:03:47PM
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SW-52A 0-5'

E310105-01

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.7 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		75.5 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2342027
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:03:47PM
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SW-53A 0-5'

E310105-02

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.3 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		66.6 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2342027
Chloride	323	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:03:47PM
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SW-55A 0-5'

E310105-03

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.1 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.5 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		68.4 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2342027
Chloride	ND	20.0	1	10/17/23	10/17/23	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:03:47PM
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Volatile Organics by EPA 8021B

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
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Blank (2342021-BLK1)

Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			

LCS (2342021-BS1)

Prepared: 10/17/23 Analyzed: 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: 10/17/23 Analyzed: 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: 10/17/23 Analyzed: 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	
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:03:47PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2342021-BLK1)

Prepared: 10/17/23 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: 10/17/23 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: 10/17/23 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: 10/17/23 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			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:03:47PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2342025-BLK1)

Prepared: 10/17/23 Analyzed: 10/17/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.3		50.0		84.7	50-200			

LCS (2342025-BS1)

Prepared: 10/17/23 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: 10/17/23 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: 10/17/23 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			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:03:47PM
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Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2342027-BLK1)

Prepared: 10/17/23 Analyzed: 10/17/23

Chloride	ND	20.0							
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LCS (2342027-BS1)

Prepared: 10/17/23 Analyzed: 10/17/23

Chloride	244	20.0	250		97.7	90-110			
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Matrix Spike (2342027-MS1)

Source: E310108-04

Prepared: 10/17/23 Analyzed: 10/17/23

Chloride	241	20.0	250	ND	96.3	80-120			
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Matrix Spike Dup (2342027-MSD1)

Source: E310108-04

Prepared: 10/17/23 Analyzed: 10/17/23

Chloride	245	20.0	250	ND	98.0	80-120	1.74	20	
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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 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/23 15:03
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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.



Released to Imaging: 5/8/2024 3:21:25 PM



Chain of Custody

Work Order No: E310105
Job # 01058-0007

Project Manager: Ethan Sessums	Bill to: (if different) Wesley Matthews
Company Name: NTG Environmental	Company Name: Devon Energy
Address: 209 W McKay St	Address: 6488 Seven Rivers Highway
City, State ZIP: Carlsbad, NM 88220	City, State ZIP: Artesia, NM 88210
Phone: (432) 701-2159	Email: Wesley.Matthews@dvn.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> RP <input type="checkbox"/> Downfields <input type="checkbox"/> RC <input type="checkbox"/> Surfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name: Gaucho 30 CTB 1				Turn Around		ANALYSIS REQUEST										Preservative Codes						
Project Number: 236730				<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Pres. Code														None: NO	DI Water: H ₂ O	
Project Location: Lea Co, NM				Due Date: 48hr		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500											HOLD	Cool: Cool	MeOH: Me
Sampler's Name: Dimitry Nikanarov				TAT starts the day received by the lab, if received by 4:30pm																	HCL: HC	HNO ₃ : HN
PO #: 21105841																					H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT				Temp Blank: Yes No	Wet Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																H ₃ PO ₄ : HP	
Received Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Thermometer ID:																	NaHSO ₄ : NABIS	
Cooler Custody Seals: Yes No N/A				Correction Factor:		Na ₂ S ₂ O ₃ : NaSO ₃																
Sample Custody Seals: Yes No N/A				Temperature Reading: 4		Zn Acetate+NaOH: Zn																
Total Containers: 3				Corrected Temperature:		NaOH+Ascorbic Acid: SAPC																
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont												Sample Comments			
SW-52A	0-5'	10/13/2023		X		Comp	1	X	X	X									1			
SW-53A	0-5'	10/13/2023		X		Comp	1	X	X	X									2			
SW-55A	0-5'	10/13/2023		X		Comp	1	X	X	X									3			

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10/16/23 10:00	<i>[Signature]</i>	<i>[Signature]</i>	10-16-23 17:30
<i>[Signature]</i>	<i>[Signature]</i>	10-17-23 8:15			

Received by OCP: 3/20/2024 3:41:05 PM

Page 261 of 663

Envirotech Analytical Laboratory

Printed: 10/17/2023 11:30:27AM

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 By: Caitlin Mars
Email: esessums@ntglobal.com Due Date: 10/18/23 17:00 (1 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Comments/Resolution

Time sampled not provided on COC per client. SRC email not sent per client request.

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

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

Date



envirotech Inc.

Report to:
Ethan Sessums



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

5796 U.S. Hwy 64
Farmington, NM 87401

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



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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/23 15:01
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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.



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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CS-18 7'

E310106-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	89.1 %	50-200		10/17/23	10/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	80.4	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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CS-19 7'
E310106-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.1 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.1 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	61.2	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
<i>Surrogate: n-Nonane</i>		88.8 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	406	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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CS-39 5'

E310106-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.5 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.8 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		94.5 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	39.9	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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CS-85 6'
E310106-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.0 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		90.6 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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CS-86 6'
E310106-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.1 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.8 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		91.4 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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CS-87 6'

E310106-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.5 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		78.8 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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CS-88 6'
E310106-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.2 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.3 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		75.6 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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CS-89 6'
E310106-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.4 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		85.7 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	

Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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CS-90 6'
E310106-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.0 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.8 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		78.1 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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CS-91 6'
E310106-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.4 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.8 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		74.6 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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CS-92 6'
E310106-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.2 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.1 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		82.3 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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CS-93 6'
E310106-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.5 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		72.7 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	

Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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SW-13A 0-4'

E310106-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.0 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		87.6 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	409	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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SW-56 0-6'

E310106-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		82.2 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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SW-57 0-6'

E310106-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.7 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		77.8 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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SW-58 0-6'

E310106-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.3 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.6 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		84.8 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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SW-59 0-6'

E310106-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.5 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.3 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		85.7 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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SW-60 0-6'

E310106-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.4 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.3 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		83.4 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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SW-61 0-6'

E310106-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.8 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.2 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		85.4 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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SW-62 0-6'

E310106-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.5 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.6 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>		84.8 %	50-200	10/17/23	10/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	4810	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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SW-63 0-6'

E310106-21

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.5 %	70-130	10/17/23	10/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		70.1 %	50-200	10/17/23	10/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342029
Chloride	4160	40.0	2	10/17/23	10/17/23	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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Volatile Organics by EPA 8021B

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
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Blank (2342020-BLK1)

Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.7	70-130			

LCS (2342020-BS1)

Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	4.91	0.0250	5.00		98.2	70-130			
Ethylbenzene	4.73	0.0250	5.00		94.7	70-130			
Toluene	4.92	0.0250	5.00		98.3	70-130			
o-Xylene	4.86	0.0250	5.00		97.1	70-130			
p,m-Xylene	9.79	0.0500	10.0		97.9	70-130			
Total Xylenes	14.6	0.0250	15.0		97.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.3	70-130			

Matrix Spike (2342020-MS1)

Source: E310106-08

Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	5.08	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.90	0.0250	5.00	ND	98.1	61-133			
Toluene	5.09	0.0250	5.00	ND	102	61-130			
o-Xylene	5.02	0.0250	5.00	ND	100	63-131			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			

Matrix Spike Dup (2342020-MSD1)

Source: E310106-08

Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	4.63	0.0250	5.00	ND	92.5	54-133	9.36	20	
Ethylbenzene	4.47	0.0250	5.00	ND	89.5	61-133	9.19	20	
Toluene	4.63	0.0250	5.00	ND	92.7	61-130	9.31	20	
o-Xylene	4.58	0.0250	5.00	ND	91.6	63-131	9.20	20	
p,m-Xylene	9.26	0.0500	10.0	ND	92.6	63-131	8.94	20	
Total Xylenes	13.8	0.0250	15.0	ND	92.3	63-131	9.03	20	
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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Volatile Organics by EPA 8021B

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
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Blank (2342021-BLK1)

Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			

LCS (2342021-BS1)

Prepared: 10/17/23 Analyzed: 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: 10/17/23 Analyzed: 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: 10/17/23 Analyzed: 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	
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2342020-BLK1)

Prepared: 10/17/23 Analyzed: 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: 10/17/23 Analyzed: 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: 10/17/23 Analyzed: 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: E310106-08

Prepared: 10/17/23 Analyzed: 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			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2342021-BLK1)

Prepared: 10/17/23 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: 10/17/23 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: 10/17/23 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: 10/17/23 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			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2342024-BLK1)

Prepared: 10/17/23 Analyzed: 10/17/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	53.0		50.0		106	50-200			

LCS (2342024-BS1)

Prepared: 10/17/23 Analyzed: 10/17/23

Diesel Range Organics (C10-C28)	246	25.0	250		98.5	38-132			
Surrogate: <i>n</i> -Nonane	43.2		50.0		86.3	50-200			

Matrix Spike (2342024-MS1)

Source: E310106-01

Prepared: 10/17/23 Analyzed: 10/17/23

Diesel Range Organics (C10-C28)	260	25.0	250	30.6	91.9	38-132			
Surrogate: <i>n</i> -Nonane	42.5		50.0		85.0	50-200			

Matrix Spike Dup (2342024-MSD1)

Source: E310106-01

Prepared: 10/17/23 Analyzed: 10/17/23

Diesel Range Organics (C10-C28)	259	25.0	250	30.6	91.2	38-132	0.661	20	
Surrogate: <i>n</i> -Nonane	41.8		50.0		83.6	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2342025-BLK1)

Prepared: 10/17/23 Analyzed: 10/17/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.3		50.0		84.7	50-200			

LCS (2342025-BS1)

Prepared: 10/17/23 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: 10/17/23 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: 10/17/23 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			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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Anions by EPA 300.0/9056A

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
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Blank (2342029-BLK1)

Prepared: 10/17/23 Analyzed: 10/17/23

Chloride ND 20.0

LCS (2342029-BS1)

Prepared: 10/17/23 Analyzed: 10/17/23

Chloride 243 20.0 250 97.1 90-110

Matrix Spike (2342029-MS1)

Source: E310110-03

Prepared: 10/17/23 Analyzed: 10/17/23

Chloride 1960 20.0 250 1740 87.0 80-120

Matrix Spike Dup (2342029-MSD1)

Source: E310110-03

Prepared: 10/17/23 Analyzed: 10/17/23

Chloride 1930 20.0 250 1740 76.1 80-120 1.41 20 M2



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
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Anions by EPA 300.0/9056A

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
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Blank (2342030-BLK1)

Prepared: 10/17/23 Analyzed: 10/17/23

Chloride	ND	20.0							
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LCS (2342030-BS1)

Prepared: 10/17/23 Analyzed: 10/17/23

Chloride	242	20.0	250		96.8	90-110			
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Matrix Spike (2342030-MS1)

Source: E310106-07

Prepared: 10/17/23 Analyzed: 10/17/23

Chloride	243	20.0	250	ND	97.2	80-120			
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Matrix Spike Dup (2342030-MSD1)

Source: E310106-07

Prepared: 10/17/23 Analyzed: 10/17/23

Chloride	243	20.0	250	ND	97.0	80-120	0.152	20	
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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 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/23 15:01
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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

Work Order No: E310106
Job # 01058-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@dvn.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> RP <input type="checkbox"/> Downfields <input type="checkbox"/> RC <input type="checkbox"/> S <input type="checkbox"/> Refund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:		Turn Around		ANALYSIS REQUEST										Preservative Codes							
Project Number:		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush												None: NO DI Water: H ₂ O							
Project Location:		Due Date:												Cool: Cool MeOH: Me							
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm												HCL: HC HNO ₃ : HN							
PO #:														H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Wet Ice:												H ₃ PO ₄ : HP					
Received Intact:		Yes No		Yes No												NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A		Thermometer ID:												Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A		Correction Factor:												Zn Acetate+NaOH: Zn					
Total Containers:		21		Temperature Reading: 4												NaOH+Ascorbic Acid: SAPC					
Corrected Temperature:														Sample Comments							
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters													
CS-18	7'	10/13/2023		X		Comp	1	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500											1
CS-19	7'	10/13/2023		X		Comp	1														2
CS-39	5'	10/13/2023		X		Comp	1														3
CS-85	6'	10/13/2023		X		Comp	1														4
CS-86	6'	10/13/2023		X		Comp	1														5
CS-87	6'	10/13/2023		X		Comp	1														6
CS-88	6'	10/13/2023		X		Comp	1														7
CS-89	6'	10/13/2023		X		Comp	1														8
CS-90	6'	10/13/2023		X		Comp	1														9
CS-91	6'	10/13/2023		X		Comp	1														10

HOLD
1
2
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4
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10

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10/16/23 10:00	<i>[Signature]</i>	<i>[Signature]</i>	10-16-23 17:30
<i>[Signature]</i>	<i>[Signature]</i>	10/17/23 8:15			

Released to Imaging: 5/8/2024 3:21:25 PM



Chain of Custody

Work Order No: E310106
Job # 01058-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@dvn.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> RP <input type="checkbox"/> ownfields <input type="checkbox"/> RC <input type="checkbox"/> S <input type="checkbox"/> erfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Turn Around		ANALYSIS REQUEST										Preservative Codes							
Project Number:		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code											None: NO DI Water: H ₂ O						
Project Location		Due Date:		Parameters											Cool: Cool MeOH: Me						
Sampler's Name:		48hr													HCL: HC HNO ₃ : HN						
PO #:		TAT starts the day received by the lab, if received by 4:30pm													H ₂ SO ₄ : H ₂ NaOH: Na						
SAMPLE RECEIPT		Temp Blank:													H ₃ PO ₄ : HP						
Received Intact:		Yes No		Wet Ice:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No												NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Thermometer ID:												Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A		Correction Factor:												Zn Acetate+NaOH: Zn					
Total Containers:		21		Temperature Reading:		4												NaOH+Ascorbic Acid: SAPC			
Corrected Temperature:														Sample Comments							
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500											
CS-92	6'	10/13/2023		X		Comp	1	X	X	X											11
CS-93	6'	10/13/2023		X		Comp	1	X	X	X											12
SW-13A	0-4'	10/13/2023		X		Comp	1	X	X	X											13
SW-56	0-6'	10/13/2023		X		Comp	1	X	X	X											14
SW-57	0-6'	10/13/2023		X		Comp	1	X	X	X											15
SW-58	0-6'	10/13/2023		X		Comp	1	X	X	X											16
SW-59	0-6'	10/13/2023		X		Comp	1	X	X	X											17
SW-60	2-6'	10/13/2023		X		Comp	1	X	X	X											18
SW-61	0-6'	10/13/2023		X		Comp	1	X	X	X											19
SW-62	0-6'	10/13/2023		X		Comp	1	X	X	X											20

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>DN</i>	<i>Carroll</i>	10-16-23 1:00	<i>Carroll</i>	<i>Andrew</i>	10-16-23 1730
<i>Andrew</i>	<i>Carroll</i>	10-17-23 8:15			

Received by: OCD: 3/20/2024 3:41:05 PM

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Released to Imaging: 5/8/2024 3:21:25 PM



Chain of Custody

Work Order No: E310106
Job # 01058-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@dvn.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> RP <input type="checkbox"/> Downfields <input type="checkbox"/> RC <input type="checkbox"/> S <input type="checkbox"/> erfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:	236730	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code															None: NO	DI Water: H ₂ O
Project Location	Lea Co, NM	Due Date:	48hr	Parameters															Cool: Cool	MeOH: Me
Sampler's Name:	Dimitry Nikanarov	TAT starts the day received by the lab, if received by 4:30pm																	HCL: HC	HNO ₃ : HN
PO #:	21105841																		H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No		Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No													H ₃ PO ₄ : HP	
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID:																NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes No N/A	Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		4														Zn Acetate+NaOH: Zn		
Total Containers:	21	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC		
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500							HOLD	Sample Comments		
SW-63	0-6'	10/13/2023		X		Comp	1	X	X	X									21	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10.16.23 10:00	<i>[Signature]</i>	<i>[Signature]</i>	10.16.23 12:00
<i>[Signature]</i>	<i>[Signature]</i>	10.17.23 8:15			

Received by OCD: 3/20/2024 3:41:05 PM

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Envirotech Analytical Laboratory

Printed: 10/17/2023 11:46:05AM

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: E310106
Phone: (281) 872-9300 Date Logged In: 10/16/23 14:43 Logged In By: Caitlin Mars
Email: esessums@ntglobal.com Due Date: 10/18/23 17:00 (1 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes
Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: Courier

Comments/Resolution

Time sampled not provided on COC per client. SRC email not sent per client request.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

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

Date



envirotech Inc.

Report to:
Ethan Sessums



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

5796 U.S. Hwy 64
Farmington, NM 87401

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



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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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

Alexa Michaels
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Office: 505-632-1881
labadmin@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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

Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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TP-1 1

E310112-01

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>	97.9 %	70-130		10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	96.0 %	70-130		10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>	96.3 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
<i>Surrogate: Bromofluorobenzene</i>	97.9 %	70-130		10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	96.0 %	70-130		10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>	96.3 %	70-130		10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
<i>Surrogate: n-Nonane</i>	54.5 %	50-200		10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	77.4	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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TP-1 2

E310112-02

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.6 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.6 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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TP-1 3

E310112-03

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		99.9 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.3 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		95.2 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
<i>Surrogate: Bromofluorobenzene</i>		99.9 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.3 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		95.2 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
<i>Surrogate: n-Nonane</i>		65.6 %	50-200	10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	257	20.0	1	10/17/23	10/18/23	



Sample Data

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

TP-1 4

E310112-04

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		95.5 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.8 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		95.5 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.8 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-05

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		99.5 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.7 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		96.3 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
<i>Surrogate: Bromofluorobenzene</i>		99.5 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.7 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		96.3 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	1030	125	5	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	673	250	5	10/17/23	10/19/23	
<i>Surrogate: n-Nonane</i>		73.4 %	50-200	10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	2840	40.0	2	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-06

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		95.4 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.2 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		95.4 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.2 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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)	1750	250	10	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	1020	500	10	10/17/23	10/19/23	
<i>Surrogate: n-Nonane</i>		64.5 %	50-200	10/17/23	10/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	1120	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-07

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.2 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		96.6 %	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	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.2 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		96.6 %	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)	331	50.0	2	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	186	100	2	10/17/23	10/19/23	
<i>Surrogate: n-Nonane</i>		59.5 %	50-200	10/17/23	10/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	308	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-08

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.1 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.1 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-09

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		96.6 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.6 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		96.6 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.6 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		94.6 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
<i>Surrogate: n-Nonane</i>		69.4 %	50-200	10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	ND	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-10

Analyte	Result	Reporting Limit	Dilution	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	0.0435	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	0.0685	0.0500	1	10/17/23	10/18/23	
Total Xylenes	0.112	0.0250	1	10/17/23	10/18/23	
<i>Surrogate: Bromofluorobenzene</i>						
		96.7 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>						
		101 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>						
		98.0 %	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	
<i>Surrogate: Bromofluorobenzene</i>						
		96.7 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>						
		101 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>						
		98.0 %	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)	941	125	5	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	447	250	5	10/17/23	10/19/23	
<i>Surrogate: n-Nonane</i>						
		70.3 %	50-200	10/17/23	10/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	669	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-11

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		96.2 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.7 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		96.2 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.7 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-12

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.2 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		95.8 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.2 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		95.8 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	42.8	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
<i>Surrogate: n-Nonane</i>		64.1 %	50-200	10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	1010	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-13

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.7 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.7 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-14

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		96.5 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.7 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		96.5 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.7 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-15

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		97.2 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		97.5 %	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	
<i>Surrogate: Bromofluorobenzene</i>		97.2 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		97.5 %	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	
<i>Surrogate: n-Nonane</i>		65.7 %	50-200	10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	169	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-16

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.2 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.2 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-17

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		99.6 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.9 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		99.6 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.9 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-18

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.2 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	10/17/23	10/18/23	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.2 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		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	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
<i>Surrogate: n-Nonane</i>		69.7 %	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	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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E310112-19

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		95.7 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	10/17/23	10/18/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	10/17/23	10/18/23	
<i>Surrogate: Toluene-d8</i>		95.7 %	70-130	10/17/23	10/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
<i>Surrogate: n-Nonane</i>		68.6 %	50-200	10/17/23	10/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	ND	20.0	1	10/17/23	10/18/23	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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Volatile Organic Compounds by EPA 8260B

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
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Blank (2342039-BLK1)

Prepared: 10/17/23 Analyzed: 10/18/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.512		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-BS1)

Prepared: 10/17/23 Analyzed: 10/18/23

Benzene	2.43	0.0250	2.50		97.3		70-130		
Ethylbenzene	2.39	0.0250	2.50		95.7		70-130		
Toluene	2.32	0.0250	2.50		92.8		70-130		
o-Xylene	2.42	0.0250	2.50		97.0		70-130		
p,m-Xylene	4.73	0.0500	5.00		94.7		70-130		
Total Xylenes	7.16	0.0250	7.50		95.5		70-130		
Surrogate: Bromofluorobenzene	0.487		0.500		97.3		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6		70-130		
Surrogate: Toluene-d8	0.479		0.500		95.7		70-130		

Matrix Spike (2342039-MS1)

Source: E310112-03

Prepared: 10/17/23 Analyzed: 10/18/23

Benzene	2.48	0.0250	2.50	ND	99.0		48-131		
Ethylbenzene	2.44	0.0250	2.50	ND	97.7		45-135		
Toluene	2.38	0.0250	2.50	ND	95.2		48-130		
o-Xylene	2.46	0.0250	2.50	ND	98.2		43-135		
p,m-Xylene	4.80	0.0500	5.00	ND	96.1		43-135		
Total Xylenes	7.26	0.0250	7.50	ND	96.8		43-135		
Surrogate: Bromofluorobenzene	0.484		0.500		96.7		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102		70-130		
Surrogate: Toluene-d8	0.479		0.500		95.8		70-130		

Matrix Spike Dup (2342039-MSD1)

Source: E310112-03

Prepared: 10/17/23 Analyzed: 10/18/23

Benzene	2.43	0.0250	2.50	ND	97.4		48-131	1.69	23
Ethylbenzene	2.37	0.0250	2.50	ND	94.7		45-135	3.08	27
Toluene	2.30	0.0250	2.50	ND	92.0		48-130	3.42	24
o-Xylene	2.37	0.0250	2.50	ND	94.8		43-135	3.56	27
p,m-Xylene	4.62	0.0500	5.00	ND	92.4		43-135	3.88	27
Total Xylenes	6.99	0.0250	7.50	ND	93.2		43-135	3.77	27
Surrogate: Bromofluorobenzene	0.480		0.500		95.9		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102		70-130		
Surrogate: Toluene-d8	0.470		0.500		94.0		70-130		



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2342039-BLK1)

Prepared: 10/17/23 Analyzed: 10/18/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.480		0.500		96.0	70-130			

LCS (2342039-BS2)

Prepared: 10/17/23 Analyzed: 10/18/23

Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.5	70-130			
Surrogate: Bromofluorobenzene	0.483		0.500		96.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			

Matrix Spike (2342039-MS2)

Source: E310112-03

Prepared: 10/17/23 Analyzed: 10/18/23

Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.0	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.1	70-130			

Matrix Spike Dup (2342039-MSD2)

Source: E310112-03

Prepared: 10/17/23 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			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2342043-BLK1)

Prepared: 10/17/23 Analyzed: 10/19/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	38.8		50.0		77.6	50-200			

LCS (2342043-BS1)

Prepared: 10/17/23 Analyzed: 10/19/23

Diesel Range Organics (C10-C28)	212	25.0	250		84.8	38-132			
Surrogate: n-Nonane	37.4		50.0		74.8	50-200			

Matrix Spike (2342043-MS1)

Source: E310112-05

Prepared: 10/17/23 Analyzed: 10/19/23

Diesel Range Organics (C10-C28)	1160	125	250	1030	53.7	38-132			
Surrogate: n-Nonane	33.9		50.0		67.8	50-200			

Matrix Spike Dup (2342043-MSD1)

Source: E310112-05

Prepared: 10/17/23 Analyzed: 10/19/23

Diesel Range Organics (C10-C28)	1220	125	250	1030	77.2	38-132	4.95	20	
Surrogate: 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: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
---	---	---

Anions by EPA 300.0/9056A

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 (2342035-BLK1)

Prepared: 10/17/23 Analyzed: 10/18/23

Chloride	ND	20.0							
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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: E310112-07

Prepared: 10/17/23 Analyzed: 10/18/23

Chloride	867	20.0	250	308	224	80-120			M2
----------	-----	------	-----	-----	-----	--------	--	--	----

Matrix Spike Dup (2342035-MSD1)

Source: E310112-07

Prepared: 10/17/23 Analyzed: 10/18/23

Chloride	684	20.0	250	308	150	80-120	23.6	20	M2, R3
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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 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 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.



Released to Imaging: 3/19/2024 3:21:25 PM



Chain of Custody

Work Order No: E310112
Job # 01058-0007

Page 1 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADApt <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:		Turn Around		ANALYSIS REQUEST										Preservative Codes				
Project Number:	237780	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code												None: NO	DI Water: H ₂ O	
Project Location	Lea Co, NM	Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500									Cool: Cool	MeOH: Me	
Sampler's Name:	Dmitry Niakanorov	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN	
PO #:	21199611	Temp Blank:	Yes No													H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Wet Ice:	Yes No													H ₃ PO ₄ : HP		
Received Intact:	Yes No	Thermometer ID:														NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		Na ₂ S ₂ O ₃ : NaSO ₃														
Sample Custody Seals:	Yes No N/A	Temperature Reading:	4	Zn Acetate+NaOH: Zn														
Total Containers:	19	Corrected Temperature:		NaOH+Ascorbic Acid: SAPC														
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont										Sample Comments	
TP-1	1	10/13/2023	11:30	X		Grab	1	X	X	X							1	
TP-1	2	10/13/2023	11:32	X		Grab	1	X	X	X							2	
TP-1	3	10/13/2023	11:34	X		Grab	1	X	X	X							3	
TP-1	4	10/13/2023	11:36	X		Grab	1	X	X	X							4	
TP-2	1	10/13/2023	11:38	X		Grab	1	X	X	X							5	
TP-2	2	10/13/2023	11:40	X		Grab	1	X	X	X							6	
TP-2	3	10/13/2023	11:42	X		Grab	1	X	X	X							7	
TP-2	4	10/13/2023	11:44	X		Grab	1	X	X	X							8	
TP-2	5	10/13/2023	11:46	X		Grab	1	X	X	X							9	
TP-2	6	10/13/2023	11:48	X		Grab	1	X	X	X							10	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10-16-23 10:00	<i>[Signature]</i>	<i>[Signature]</i>	10-16-23 11:30
<i>[Signature]</i>	<i>[Signature]</i>	10-17-23 8:15			

Released to Imaging: 5/8/2023 3:21:55 PM



Chain of Custody

Work Order No: E310112
Job # 01058-0007

Page 2 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:	237780	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code														None: NO	DI Water: H ₂ O	
Project Location:	Lea Co, NM	Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500											HOLD	Cool: Cool	MeOH: Me
Sampler's Name:	Dmitry Niakanorov	TAT starts the day received by the lab, if received by 4:30pm																	HCL HC	HNO ₃ : HN
PO #:	21199611																		H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No																Wet Ice:	H ₃ PO ₄ : HP
Received Intact:	Yes No	Thermometer ID:		NaHSO ₄ : NABIS	Na ₂ S ₂ O ₃ : NaSO ₃															
Cooler Custody Seals:	Yes No N/A	Correction Factor:		Zn Acetate+NaOH: Zn	NaOH+Ascorbic Acid: SAPC															
Sample Custody Seals:	Yes No N/A	Temperature Reading:		Sample Comments																
Total Containers:	19	Corrected Temperature:																		
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													
TP-2	7	10/13/2023	11:50	X		Grab	1	X	X	X										
TP-2	8	10/13/2023	11:52	X		Grab	1	X	X	X										
TP-2	9	10/13/2023	11:54	X		Grab	1	X	X	X										
TP-2	11	10/13/2023	11:56	X		Grab	1	X	X	X										
TP-2	12	10/13/2023	11:58	X		Grab	1	X	X	X										
TP-3	1	10/13/2023	12:00	X		Grab	1	X	X	X										
TP-3	2	10/13/2023	12:02	X		Grab	1	X	X	X										
TP-3	3	10/13/2023	12:04	X		Grab	1	X	X	X										
TP-3	4	10/13/2023	12:06	X		Grab	1	X	X	X										

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10/16/23 1:00	<i>[Signature]</i>	<i>[Signature]</i>	10.16.23 17:30
<i>[Signature]</i>	<i>[Signature]</i>	10.17.23 8:15			

Received by: OCD: 3/20/2024 3:41:05 PM

Page 332 of 663

Envirotech Analytical Laboratory

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

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 14:58 Logged In By: Caitlin Mars
Email: esessums@ntglobal.com Due Date: 10/23/23 17:00 (4 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

Comments/Resolution

SRC email not sent per client request.

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

Date



envirotech Inc.



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

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:	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		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	1.88	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 % 71.5-134

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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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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:	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		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	1.88	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 % 71.5-134

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		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 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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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:	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 (3') (H230392-03)

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	1.88	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 % 71.5-134

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		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 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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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:	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		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) 114 % 71.5-134

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	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 1 (5') (H230392-05)

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 % 71.5-134

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		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 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 120 % 71.5-134

Chloride, SM4500Cl-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	3.92	

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	01/30/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

Chloride, SM4500Cl-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		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 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 120 % 71.5-134

Chloride, SM4500Cl-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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 114 % 71.5-134

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		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 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

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

Received:	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 (6') (H230392-11)

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) 117 % 71.5-134

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		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 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 113 % 71.5-134

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 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	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 % 71.5-134

Chloride, SM4500Cl-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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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:	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 % 71.5-134

Chloride, SM4500Cl-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 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	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 (10') (H230392-15)

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 % 71.5-134

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		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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Analytical Results For:

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

Received:	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 % 71.5-134

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 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 (2') (H230392-17)

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) 171 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 163 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 133 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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) 121 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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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:	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		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 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received:	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 (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 % 71.5-134

Chloride, SM4500CI-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		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*	<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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	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 (10') (H230392-25)

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) 104 % 71.5-134

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	3.77	

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*	<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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	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 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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*	<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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 108 % 71.5-134

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	3.77	

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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 108 % 71.5-134

Chloride, SM4500CI-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 (9') (H230392-34)

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) 104 % 71.5-134

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		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*	<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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

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	3.77	

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*	<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 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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) 104 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Analytical Results For:

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

Received:	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 (1') (H230392-41)

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 % 71.5-134

Chloride, SM4500Cl-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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 103 % 71.5-134

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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Analytical Results For:

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

Received:	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	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 % 71.5-134

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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	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 % 71.5-134

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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	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 (1') (H230392-46)

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) 124 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 124 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Analytical Results For:

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

Received:	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 (3') (H230392-48)

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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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) 122 % 71.5-134

Chloride, SM4500Cl-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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 3 (0-6") (H230392-53)

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) 124 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	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 - 4 (0-6") (H230392-54)

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) 124 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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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:	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		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	1.97	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 % 71.5-134

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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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	1.97	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 % 71.5-134

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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	1.97	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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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 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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H236392

Page 1 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PRP <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Gaucha Unit 30 CTR 1	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number:	236730	Due Date:	TAT starts the day received by the lab, if received by 4:30pm
Project Location:	Lea Co, NM	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sampler's Name:	Kellan Smith	Thermometer ID:	113
PO #:	2185841	Correction Factor:	-0.4
SAMPLE RECEIPT	Tamp Blank:	Temperature Reading:	-1.8
Received In tact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Corrected Temperature:	-2.4
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Total Containers:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
TP-1 (1')	1-26-23				Grab		BTEX 8021B		HOLD	1
TP-1 (2')							TPH 8015M (GRO + DRO + MRO)			2
TP-1 (3')							Chloride 4500			3
TP-1 (4')										4
TP-1 (5')										5
TP-2 (1')										6
TP-2 (2')										7
TP-2 (3')										8
TP-2 (4')										9
TP-2 (5')										10

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-26-23 10:41			



Chain of Custody

Work Order No: 1830392

Page 2 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	<u>Baycho Unit 30 CTR 1</u>	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	<u>23C730</u>	Due Date:			
Project Location:	<u>Lea Co, NM</u>	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	<u>Kellan Smith</u>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
PO #:	<u>21105841</u>	Thermometer ID:		Correction Factor:	<u>113</u>
SAMPLE RECEIPT		Temperature Reading:		Corrected Temperature:	<u>-0.0°C</u>
Received In-lab:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:		Corrected Temperature:	<u>-1.8°C</u>
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:		Corrected Temperature:	<u>-2.4°C</u>
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:		Corrected Temperature:	
Total Containers:		Temperature Reading:		Corrected Temperature:	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Preservative Codes	Sample Comments
TP-2 (C1)	1-26-23				Grab		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500	None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ H ₂ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
TP-2 (7')									11
TP-2 (8')									12
TP-2 (9')									13
TP-2 (10')									14
TP-3 (1')									15
TP-3 (2')									16
TP-3 (3')									17
TP-3 (4')									18
TP-3 (5')									19
									20

Additional Comments:

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Chain of Custody

Work Order No: 112303912

Page 3 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	<u>Guels Unit 1 30 CR 1</u>	<input checked="" type="checkbox"/> Turn Around	<input type="checkbox"/> Routine	<input type="checkbox"/> Rush
Project Number:	<u>230730</u>	Due Date:	TAT starts the day received by the lab, if received by 4:30pm	
Project Location:	<u>Lea Co NM</u>	Sampler's Name:	<u>Leila Snyke</u>	
PO #:	<u>2123 841</u>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:
SAMPLE RECEIPT		Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:
Cooler Custody Seals:		Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:
Total Containers:		Corrected Temperature:	<u>-2.43</u>	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
TP-3 (6')	1-26-23				Grab				21	
TP-3 (7')									22	
TP-3 (8')									23	
TP-3 (9')									24	
TP-3 (10')									25	
TP-4 (1')									26	
TP-4 (2')									27	
TP-4 (3')									28	
TP-4 (4')									29	
TP-4 (5')									30	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>1-26-23 10:24</u>			



Chain of Custody

Work Order No: 1830392

Page 4 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Carcho Unit 30 CR3 I	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST	Preservative Codes
Project Number:	230730	Due Date:					None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Carlsbad, NM	TAT starts the day received by the lab, if received by 4:30pm					
Sampler's Name:	Kelli Smith	Temp Blank:	Yes (No) <input checked="" type="checkbox"/> Wet Ice: Yes (No) <input checked="" type="checkbox"/>				
PO #:	21105841	Thermometer ID:	113				
SAMPLE RECEIPT		Correction Factor:	-0.06				
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-1.8				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	-2.4				
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
Total Containers:							

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
TP-4 (6')	1-26-23				Sub		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500	31
TP-4 (7')								32
TP-4 (8')								33
TP-4 (9')								34
TP-4 (10')								35
TP-5 (11')								36
TP-5 (12')								37
TP-5 (13')								38
TP-5 (14')								39
TP-5 (15')								40

Additional Comments:

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<i>[Signature]</i>	<i>[Signature]</i>	1-26-23 10:24			



Chain of Custody

Work Order No: 1230392

Page 5 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund	State of Project:
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	<u>Carlsbad Unit 30 CR 1</u>	Tum Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	<u>236730</u>	Due Date:			
Project Location:	<u>W. Co. N/A</u>	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	<u>Kellie Smith</u>	Well Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID:	<u>113</u>
PO #:	<u>21105891</u>	Correction Factor:		Temperature Reading:	<u>-1.8 °C</u>
SAMPLE RECEIPT	Temp Blank: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Corrected Temperature:			
Received In tact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A				
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A				
Total Containers:					

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
TP-6 (1')	1-26-23				<u>Grab</u>		BTEX 8021B		None: NO	
TP-6 (2')							TPH 8015M (GRO + DRO + MRO)		DI Water: H ₂ O	
TP-6 (3')							Chloride 4500		Cool: Cool	MeOH: Me
TP-6 (4')									HCL: HC	HNO ₃ : HN
TP-6 (5')									H ₂ SO ₄ : H ₂	NaOH: Na
TP-7 (1')									H ₃ PO ₄ : HP	
TP-7 (2')									NaHSO ₄ : NABIS	
TP-7 (3')									Na ₂ S ₂ O ₃ : NaSO ₃	
TP-7 (4')									Zn Acetate+NaOH: Zn	
TP-7 (5')									NaOH+Ascorbic Acid: SAPC	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>1-26-23 10:24</u>			



Chain of Custody

Work Order No: 1930392

Page 6 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRR <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around		Due Date:	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes
					<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush					
Gaycho Unit 70CR81	256730	Lee Co, NM	Lee Co, NM	21105891	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	TAT starts the day received by the lab, if received by 4:30pm	BTEX 8021B			None: NO
Received Intact:	Yes <input checked="" type="checkbox"/> No	Thermometer ID:	Yes <input checked="" type="checkbox"/> No	Wet Ice:	Yes <input checked="" type="checkbox"/> No	Correction Factor:		TPH 8015M (GRO + DRO + MRO)			Cool: Cool
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No	Temperature Reading:	Yes <input checked="" type="checkbox"/> No	Corrected Temperature:	Yes <input checked="" type="checkbox"/> No			Chloride 4500			HCL: HC
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No		Yes <input checked="" type="checkbox"/> No								H ₂ SO ₄ : H ₂
Total Containers:											H ₃ PO ₄ : HP
											NaHSO ₄ : NABIS
											Na ₂ S ₂ O ₅ : NaSO ₃
											Zn Acetate+NaOH: Zn
											NaOH+Ascorbic Acid: SAPC
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont					Sample Comments
H-1 (0-6")	1-26-22				Gas						51
H-2											52
H-3											53
H-4											54
H-5											55
H-6											54
H-7											57
H-8											58

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	12-23-2024			



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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



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:	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 - 1 (0') (H233245-01)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/23/2023	ND	416	104	400	3.77	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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:	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 - 2 (0') (H233245-02)

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) 99.6 % 71.5-134

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	06/23/2023	ND	416	104	400	3.77	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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:	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		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) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	06/23/2023	ND	416	104	400	3.77	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 - 4 (0') (H233245-04)

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) 102 % 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
Chloride	896	16.0	06/23/2023	ND	416	104	400	3.77	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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		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) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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		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) 102 % 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
Chloride	400	16.0	06/23/2023	ND	416	104	400	3.77	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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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:	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: S - 1 (0-0.5') (H233245-07)

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) 104 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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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:	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: S - 1 (1-1.5') (H233245-08)

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) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 - 1 (2-2.5') (H233245-09)

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) 106 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 - 1 (3-3.5') (H233245-10)

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) 104 % 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
Chloride	1760	16.0	06/23/2023	ND	416	104	400	3.77	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 - 1 (4-4.5') (H233245-11)

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) 103 % 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
Chloride	2160	16.0	06/23/2023	ND	416	104	400	3.77	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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: S - 2 (0-0.5') (H233245-12)

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) 106 % 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
Chloride	11700	16.0	06/23/2023	ND	416	104	400	3.77	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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: S - 2 (1-1.5') (H233245-13)

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) 107 % 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
Chloride	2600	16.0	06/23/2023	ND	416	104	400	3.77	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Analytical Results For:

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

Received:	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 - 2 (2-2.5') (H233245-14)

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) 106 % 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
Chloride	3520	16.0	06/23/2023	ND	416	104	400	3.77	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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:	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 - 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 % 71.5-134

Chloride, SM4500CI-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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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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:	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 - 2 (4-4.5') (H233245-16)

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) 105 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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: S - 3 (0-0.5') (H233245-17)

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) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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: S - 3 (1-1.5') (H233245-18)

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	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 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 - 3 (2-2.5') (H233245-19)

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	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 % 71.5-134

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	06/23/2023	ND	416	104	400	3.77	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 - 3 (3-3.5') (H233245-20)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 - 3 (4-4.5') (H233245-21)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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

Received:	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 (0-0.5') (H233245-22)

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	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) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16000	16.0	06/23/2023	ND	432	108	400	3.64	

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	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 98.2 % 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:

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 (1-1.5') (H233245-23)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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

Received:	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 (2-2.5') (H233245-24)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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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:	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 (3-3.5') (H233245-25)

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	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 % 71.5-134

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	06/23/2023	ND	432	108	400	3.64	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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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:	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		Analyzed 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 % 71.5-134

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	06/23/2023	ND	432	108	400	3.64		

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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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Handwritten signature of Mike Snyder

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: **NTGE**
 Project Manager: **Ethan Sessums**
 Address: **209 W McKay St**
 City: **Carlsbad** State: **NM** Zip: **88220**
 Phone #: **RS 541266-5456** Fax #:
 Project #: _____ Project Owner:
 Project Name: **Gracho 30 CTB 1**
 Project Location: **Lee Courtg, NM**
 Sampler Name: **Dmitry Mkanorov**
 P.O. #: **2110SB41**
 Company: **Devon**
 Attn: **Dale Woodall**
 Address:
 City:
 State: Zip:
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	FOR LAB USE ONLY		DATE	TIME	ANALYSIS REQUEST
		(G)RAB OR (C)OMP	# CONTAINERS			
H233245	H-1			6/21		TPM
	H-2					CHLORIDE
	H-3					PIEX
	H-4					
	H-5					
	H-6					
	H-1			6/22		
	H-1			6/22		

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Relinquished By: _____ Date: **6-22-23**
 Received By: _____ Date: **1450**
 Relinquished By: _____ Date: _____
 Received By: _____ Date: _____

Delivered By: (Circle One) Observed Temp. °C: **29**
 Sampler - UPS - Bus - Other: Corrected Temp. °C: **23**
 Sample Condition: Intact Cool Yes No
 CHECKED BY: (Initials) **ES**
 Turnaround Time: _____ Standard Rush
 Thermometer ID #13 Bacteria (only) Sample Condition Cool Intact Yes No
 Correction Factor -0.6°C Observed Temp. °C: _____ Corrected Temp. °C: _____

REMARKS: **ESsessums@outglobal.com, DN.Kanorov@outglobal.com**



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTGE Project Manager: Ethan Sessums Address: 209 W McKay St City: Lordsburg State: NH Zip: 88220 Phone #: (254) 266-5456 Fax #: Project #: Project Name: Grucha 30 CTB 1 Project Location: Lea County, NH Sampler Name: Dmitry Nikanorov		BILL TO P.O. #: 2110 SP41 Company: Devon Attn: Dale Woodall Address: City: State: Zip: Phone #: Fax #:	
FOR LAB USE ONLY Lab I.D.: H233245 Sample I.D.: 11 S-1 (4-4.5') 12 S-2 (10-0.5') 13 S-2 (1-1.5') 14 S-2 (11-2.5') 15 S-2 (3-3.5') 16 S-2 (4-4.5') 17 S-2 (10-0.5') 18 S-3 (11-1.5') 19 S-3 (2-2.5') 20 S-3 (3-3.5')		MATRIX (G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE ICE / COOL OTHER	
DATE 6/22 6/21 6/21 6/22 6/21 6/22		SAMPLING PPM CHLORIDE PTEX	
Relinquished By: DK Date: 6-22-23 Time: 1:50 Received By: [Signature]		Vertical Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: REMARKS: All Results are emailed. Please provide Email address:	
Delivered By: (Circle One) UPS - Bus - Other:		Observed Temp. °C: 29 Corrected Temp. °C: 23 Sample Condition: Intact Cool: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: [Signature]	
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C Corrected Temp. °C		Thermometer ID #113 Correction Factor -0.5°C	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTGE Project Manager: Ethan Sessions Address: 209 W McKay St City: Carlsbad State: NM Zip: 88220 Phone #: RS 41266-5456 Fax #: Project #: _____ Project Owner: Project Name: Gracho 30 CTB 1 Project Location: Sampler Name: Dmitry Nkanavor FOR LAB USE ONLY		BILL TO P.O. #: 21105841 Company: Devon Attn: Dale Woodall Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
Lab I.D. A233345 Sample I.D.	Matrix: <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER:	Preservation: <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> ACID/BASE <input type="checkbox"/> OTHER:	Date: 6/12 Time:	Analyte: PPM CHLORIDE PTEX	Analyte:
(G)RAB OR (C)OMP # CONTAINERS MATRIX PRESERV SAMPLING	(G)RAB OR (C)OMP # CONTAINERS MATRIX PRESERV SAMPLING	(G)RAB OR (C)OMP # CONTAINERS MATRIX PRESERV SAMPLING	(G)RAB OR (C)OMP # CONTAINERS MATRIX PRESERV SAMPLING	(G)RAB OR (C)OMP # CONTAINERS MATRIX PRESERV SAMPLING	(G)RAB OR (C)OMP # CONTAINERS MATRIX PRESERV SAMPLING
21 5-3 (4-4.5) 22 5-4 (10-0.5) 23 5-4 (1-1.5) 24 5-4 (2-2.5) 25 5-4 (3-3.5) 26 5-4 (4-4.5)	1 1 1 1 1 1	X X X X X X	6:29 7:45	6:29-23 7:45	23 23
Relinquished By: DN Date: _____ Time: _____	Received By: [Signature] Date: _____ Time: _____	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____	Turnaround Time: _____ Thermometer ID #113 Correction Factor -0.6°C	CHECKED BY: [Signature] (Initials)	Standard <input checked="" type="checkbox"/> Rush Bacteria (only) <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Sample Condition Observed Temp. °C Corrected Temp. °C



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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



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:	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 % 71.5-134

Chloride, SM4500Cl-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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 2 4' (H235350-02)

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) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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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:	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		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 % 71.5-134

Chloride, SM4500CI-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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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:	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		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 % 71.5-134

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	10/04/2023	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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Analytical Results For:

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

Received:	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 - 5 4' (H235350-05)

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) 107 % 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
Chloride	352	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 106 % 71.5-134

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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 7 4' (H235350-07)

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) 107 % 71.5-134

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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Analytical Results For:

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

Received:	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 - 8 4' (H235350-08)

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) 113 % 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
Chloride	1090	16.0	10/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 216 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 9 4' (H235350-09)

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) 107 % 71.5-134

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	10/04/2023	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 62.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.0 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 106 % 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
Chloride	560	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 67.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.7 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 105 % 71.5-134

Chloride, SM4500CI-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Analytical Results For:

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

Received:	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 - 12 4' (H235350-12)

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) 107 % 71.5-134

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	10/04/2023	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 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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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:	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		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) 105 % 71.5-134

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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 14 4' (H235350-14)

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) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Analytical Results For:

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

Received:	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 - 15 4' (H235350-15)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 16 6' (H235350-16)

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) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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) 107 % 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
Chloride	10100	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 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 19 6' (H235350-19)

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) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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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:	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 - 20 6' (H235350-20)

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) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

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	10/04/2023	ND	448	112	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	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 - 22 4' (H235350-22)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received:	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		Analyzed 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 % 71.5-134

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	10/04/2023	ND	448	112	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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Analytical Results For:

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

Received:	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 - 24 4' (H235350-24)

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	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 % 71.5-134

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	448	112	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Analytical Results For:

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

Received:	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 - 25 4' (H235350-25)

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	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 % 71.5-134

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	448	112	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	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 % 48.2-134

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:

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 - 26 4' (H235350-26)

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	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 % 71.5-134

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	10/04/2023	ND	448	112	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	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 - 27 4' (H235350-27)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received:	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 - 28 4' (H235350-28)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	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 - 29 4' (H235350-29)

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	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 % 71.5-134

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	10/04/2023	ND	448	112	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 30 4' (H235350-30)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	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 - 31 4' (H235350-31)

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	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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	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 - 32 4' (H235350-32)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 33 4' (H235350-33)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 1 0-4' (H235350-34)

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	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 % 71.5-134

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	10/04/2023	ND	448	112	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 2 0-4' (H235350-35)

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	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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 3 0-4' (H235350-36)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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:	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 - 4 0-4' (H235350-37)

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	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 % 71.5-134

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	448	112	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 5 0-4' (H235350-38)

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	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 % 71.5-134

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	10/04/2023	ND	448	112	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 6 0-4' (H235350-39)

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	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 % 71.5-134

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	10/04/2023	ND	448	112	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	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 - 7 0-4' (H235350-40)

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	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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	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 - 8 0-4' (H235350-41)

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) 103 % 71.5-134

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	10/04/2023	ND	432	108	400	3.64	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received:	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 - 9 0-4' (H235350-42)

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) 107 % 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
Chloride	144	16.0	10/04/2023	ND	432	108	400	3.64	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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

Received:	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 - 10 0-4' (H235350-43)

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) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 173 % 49.1-148

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Analytical Results For:

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

Received:	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		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	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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 179 % 49.1-148

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Analytical Results For:

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

Received:	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		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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Analytical Results For:

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

Received:	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 - 13 0-4' (H235350-46)

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) 107 % 71.5-134

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	10/04/2023	ND	432	108	400	3.64	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 14 0-4' (H235350-47)

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) 106 % 71.5-134

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	10/04/2023	ND	432	108	400	3.64	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 106 % 71.5-134

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	432	108	400	3.64	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received:	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 - 16 0-4' (H235350-49)

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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Analytical Results For:

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

Received:	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 - 17 0-4' (H235350-50)

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) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 407 % 49.1-148

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Analytical Results For:

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

Received:	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 - 18 0-4' (H235350-51)

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) 104 % 71.5-134

Chloride, SM4500CI-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	3.64	

TPH 8015M		mg/kg		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 186 % 49.1-148

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Analytical Results For:

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

Received:	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 - 19 0-4' (H235350-52)

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) 104 % 71.5-134

Chloride, SM4500CI-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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 204 % 49.1-148

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Analytical Results For:

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

Received:	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 - 20 0-4' (H235350-53)

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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

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

Received:	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 - 21 0-4' (H235350-54)

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) 104 % 71.5-134

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	10/04/2023	ND	432	108	400	3.64	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 148 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 22 0-4' (H235350-55)

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	10/03/2023	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 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 149 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 23 0-4' (H235350-56)

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 % 71.5-134

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	10/04/2023	ND	432	108	400	3.64	

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	10/04/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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

Received:	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 - 24 4-6' (H235350-57)

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) 102 % 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
Chloride	16.0	16.0	10/04/2023	ND	432	108	400	3.64	

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	10/04/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 25 0-4' (H235350-58)

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) 102 % 71.5-134

Chloride, SM4500CI-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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 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 % 71.5-134

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	10/04/2023	ND	432	108	400	3.64	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Analytical Results For:

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

Received:	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 - 27 4-6' (H235350-60)

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	10/03/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/04/2023	ND	432	108	400	3.64	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Analytical Results For:

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

Received:	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 - 28 0-4' (H235350-61)

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	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 % 71.5-134

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	10/04/2023	ND	400	100	400	7.69	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 29 0-4' (H235350-62)

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	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 % 71.5-134

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	400	100	400	7.69	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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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:	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		Analyzed 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 % 71.5-134

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	400	100	400	7.69	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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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:	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 - 31 0-4' (H235350-64)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

H235350

Page 1 of 7

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 209 W McKay St
 City, State ZIP: Carlsbad, NM 88220
 Phone: 432-701-2159
 Email: essums@ntglobal.com

Bill to: (if different)
 Company Name: Wesley Matthews
 Address: Devon
 City, State ZIP:

Program: UST/PST PRP Brownfields RRC Superfund
 State of Project:
 Reporting Level: Level II Level III PST/UST TRRP Level IV
 Deliverables: EDD ADAPT Other:

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST				Preservative Codes
								BTEX 8021B	TPH 8015M (GR0 + DRO + MRO)	Chloride 4500	Sample Comments	
CS-1	4'	10/2/2023		X		Comp	1	X	X	X		
CS-2	4'	10/2/2023		X		Comp	1	X	X	X		
CS-3	4'	10/2/2023		X		Comp	1	X	X	X		
CS-4	4'	10/2/2023		X		Comp	1	X	X	X		
CS-5	4'	10/2/2023		X		Comp	1	X	X	X		
CS-6	4'	10/2/2023		X		Comp	1	X	X	X		
CS-7	4'	10/2/2023		X		Comp	1	X	X	X		
CS-8	4'	10/2/2023		X		Comp	1	X	X	X		
CS-9	4'	10/2/2023		X		Comp	1	X	X	X		
CS-10	4'	10/2/2023		X		Comp	1	X	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10-2-23 1515			



Chain of Custody

Work Order No.:

10235350

Page 3 of 7

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 209 W McKay St
 City, State ZIP: Carlsbad, NM 88220
 Phone: 432-701-2159
 Email: essums@ntglobal.com

Bill to: (if different)
 Company Name: Wesley Matthews
 Address: Devon
 City, State ZIP:

Program: UST/PST PRP Brownfields RRC Superfund
 State of Project: Level II Level III PST/UST TRRP Level IV
 Deliverables: EDD ADAPT Other:

21
22
23
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30

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST				Preservative Codes
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	
CS-21	4'	10/2/2023		X		Comp	1	X	X	X		
CS-22	4'	10/2/2023		X		Comp	1	X	X	X		
CS-23	4'	10/2/2023		X		Comp	1	X	X	X		
CS-24	4'	10/2/2023		X		Comp	1	X	X	X		
CS-25	4'	10/2/2023		X		Comp	1	X	X	X		
CS-26	4'	10/2/2023		X		Comp	1	X	X	X		
CS-27	4'	10/2/2023		X		Comp	1	X	X	X		
CS-28	4'	10/2/2023		X		Comp	1	X	X	X		
CS-29	4'	10/2/2023		X		Comp	1	X	X	X		
CS-30	4'	10/2/2023		X		Comp	1	X	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10-2-23 1510			



Chain of Custody

Work Order No: 17235350

Page 4 of 7

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 209 W McKay St
 City, State ZIP: Carlsbad, NM 88220
 Phone: 432-701-2159
 Email: esessums@ntglobal.com

Bill to: (if different)
 Company Name: Wesley Matthews
 Address: Devon
 City, State ZIP:

Program: UST/PST PRP Brownfields RRC Superfund
 State of Project: Level II Level III PST/UST TRRP Level IV
 Deliverables: EDD ADAPT Other:

Project Name: Gaucho 30 CTB 1
 Project Number: 236730
 Project Location: Lea Co. NM
 Sampler's Name: Clayton Tumas
 PO #: 21105941

Turn Around: Routine Rush
 Due Date: 48hrs
 TAT starts the day received by the lab, if received by 4:30pm

Received Intact: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: 64

Temp Blank: Yes No
 Thermometer ID: 140
 Correction Factor: 0.35
 Temperature Reading: 140
 Corrected Temperature: 139.65

Well Ice: Yes No

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
CS-31	4'	10/2/2023		X		Comp	1	X	X	X	
CS-32	4'	10/2/2023		X		Comp	1	X	X	X	
CS-33	4'	10/2/2023		X		Comp	1	X	X	X	
SW-1	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-2	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-3	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-4	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-5	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-6	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-7	0-4'	10/2/2023		X		Comp	1	X	X	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time



Chain of Custody

Work Order No: A235350

Page 5 of 7

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 209 W McKay St
 City, State ZIP: Carlsbad, NM 88220
 Phone: 432-701-2159
 Email: essums@ntglobal.com

Bill to: (if different)
 Company Name: Wesley Matthews
 Address: Devon
 City, State ZIP:

Program: UST/PST PRP Brownfields RRC Superfund
 State of Project: Level II Level III PST/UST TRRP Level IV
 Reporting Level: EDD ADAPT Other:

Project Name: Gaucho 30 CTB 1
 Project Number: 236730
 Project Location: Lea Co. NM
 Sampler's Name: Clayton Tumas
 PO #: 211059841

Turn Around: Routine Rush
 Due Date: 48hrs
 TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
 Thermometer ID: 140
 Cooler Custody Seals: Yes No
 Correction Factor: 1.31
 Sample Custody Seals: Yes No
 Temperature Reading: 1.31
 Corrected Temperature: 64

Received Intact: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: 64

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
SW-8	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-9	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-10	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-11	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-12	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-13	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-14	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-15	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-16	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-17	0-4'	10/2/2023		X		Comp	1	X	X	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10-2-23 1515			



Chain of Custody

Work Order No: A235350

Page 6 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name	Project Number	Project Location	Sampler's Name	PO #	Turn Around		Due Date	Parameters	ANALYSIS REQUEST	Preservative Codes	
					<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	48hrs					
Gaucha 30 CTB 1	236730	Lea Co. NM	Clayton Tumas	211059841	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Temp Blank	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	BTX 8021B		DI Water: H ₂ O	
SAMPLE RECEIPT					Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140		MeOH: Me	
					Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Correction Factor:			HCl: HC	
					Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Reading:	135		H ₂ SO ₄ : H ₂	
					Total Containers:	64	Corrected Temperature:			NaHSO ₄ : HP	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments			
SW-18	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-19	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-20	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-21	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-22	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-23	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-24	0-6'	10/2/2023		X		Comp	1	X	X	X	
SW-25	0-6'	10/2/2023		X		Comp	1	X	X	X	
SW-26	0-6'	10/2/2023		X		Comp	1	X	X	X	
SW-27	4-6'	10/2/2023		X		Comp	1	X	X	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10-2-23 1515			



Chain of Custody

Work Order No: A235350

Page 7 of 7

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 209 W McKay St
 City, State ZIP: Carlsbad, NM 88220
 Phone: 432-701-2159
 Email: esessums@ntglobal.com

Bill to: (if different)
 Company Name: Wesley Matthews
 Address: Devon
 City, State ZIP:

Program: UST/PST PRP Brownfields RRC Superfund
 State of Project:
 Reporting Level I Level II Level III PST/UST TRRP Level IV
 Deliverables: EDD ADAPT Other:

Project Name: Gaucho 30 CTB 1
 Project Number: 236730
 Project Location: Lea Co. NM
 Sampler's Name: Clayton Tumas
 PO #: 21105941

Turn Around: Routine Rush
 Due Date: 48hrs
 TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
 Thermometer ID: 140
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: 64

Parameters: BTEX 8021B, TPH 8015M (GRO + DRO + MRO), Chloride 4500

Preservative Codes: None: NO, DI Water: H₂O, Cool: Cool, MeOH: Me, HCL: HC, HNO₃: HN, H₂SO₄: H₂, H₃PO₄: HP, NaHSO₄: NABIS, Na₂S₂O₅: NaSO₃, Zn Acetate+NaOH: Zn, NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Sample Comments
SW-28	0-4'	10/2/2023		X		Comp	1		
SW-29	0-4'	10/2/2023		X		Comp	1		
SW-30	0-4'	10/2/2023		X		Comp	1		
SW-31	0-4'	10/2/2023		X		Comp	1		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10-2-23 1515			



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

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:	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-34 4' (H235458-01)

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	10/07/2023	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-35 4' (H235458-02)

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	2.03	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 % 71.5-134

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	448	112	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	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Analytical Results For:

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

Received:	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-36 4' (H235458-03)

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	2.03	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 % 71.5-134

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	448	112	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	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	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-37 4' (H235458-04)

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	2.03	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 % 71.5-134

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	448	112	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	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-38 4' (H235458-05)

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	2.03	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 % 71.5-134

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	10/10/2023	ND	448	112	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	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received:	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		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	2.03	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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	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-40 4' (H235458-07)

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	2.03	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 % 71.5-134

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	448	112	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	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received:	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-41 2' (H235458-08)

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	2.03	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 % 71.5-134

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	448	112	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	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Analytical Results For:

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

Received:	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-42 2' (H235458-09)

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	2.03	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 % 71.5-134

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-43 2' (H235458-10)

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	2.03	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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

Received:	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-44 2' (H235458-11)

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	2.03	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 % 71.5-134

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	448	112	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	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Analytical Results For:

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

Received:	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-45 2' (H235458-12)

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	2.03	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 % 71.5-134

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	448	112	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	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received:	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-46 2' (H235458-13)

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	2.03	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 % 71.5-134

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	10/10/2023	ND	448	112	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	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-47 2' (H235458-14)

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	2.03	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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Analytical Results For:

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

Received:	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-48 2' (H235458-15)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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

Received:	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-49 2' (H235458-16)

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	2.03	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 % 71.5-134

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-50 2' (H235458-17)

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	2.03	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 % 71.5-134

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	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-51 2' (H235458-18)

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	2.03	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 % 71.5-134

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-52 2' (H235458-19)

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	2.03	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 % 71.5-134

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	10/09/2023	ND	464	116	400	7.14		

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	10/07/2023	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 % 48.2-134

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:

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-53 2' (H235458-20)

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	2.03	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	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-54 2' (H235458-21)

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	10/06/2023	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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

Received:	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		Analyzed 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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	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-56 2' (H235458-23)

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	10/06/2023	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	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-57 2' (H235458-24)

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	10/06/2023	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 % 71.5-134

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	10/09/2023	ND	464	116	400	7.14	

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	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	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-58 2' (H235458-25)

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	10/06/2023	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 % 71.5-134

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	10/09/2023	ND	464	116	400	7.14	

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	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	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-59 2' (H235458-26)

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	10/06/2023	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-60 2' (H235458-27)

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	10/06/2023	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 % 71.5-134

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	10/09/2023	ND	464	116	400	7.14	

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	10/07/2023	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 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-61 2' (H235458-28)

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	10/06/2023	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 % 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
Chloride	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	

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	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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

Received:	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-62 2' (H235458-29)

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	10/06/2023	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-63 2' (H235458-30)

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	2.19	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	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-64 2' (H235458-31)

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	2.19	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 % 71.5-134

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	10/09/2023	ND	464	116	400	7.14	

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	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-65 2' (H235458-32)

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	2.19	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-66 2' (H235458-33)

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	2.19	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-67 2' (H235458-34)

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	2.19	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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:	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-68 2' (H235458-35)

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	2.19	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received:	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-69 2' (H235458-36)

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	2.19	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	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-70 2' (H235458-37)

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	2.19	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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	2.19	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	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		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	2.19	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	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-73 4' (H235458-40)

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	2.19	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

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:

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-74 4' (H235458-41)

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) 117 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Analytical Results For:

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

Received:	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-75 4' (H235458-42)

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) 115 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-76 4' (H235458-43)

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) 117 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	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 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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:	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		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) 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
Chloride	112	16.0	10/10/2023	ND	432	108	400	3.64	

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	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

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

Received:	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-78 4' (H235458-45)

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) 117 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Analytical Results For:

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

Received:	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-32 0-4' (H235458-46)

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) 115 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-33 0-4' (H235458-47)

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) 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
Chloride	80.0	16.0	10/10/2023	ND	432	108	400	3.64	

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	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-34 0-4' (H235458-48)

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) 116 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-35 2-4' (H235458-49)

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) 116 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Analytical Results For:

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

Received:	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-36 0-4' (H235458-50)

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) 117 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-37 0-4' (H235458-51)

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) 116 % 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
Chloride	176	16.0	10/10/2023	ND	432	108	400	3.64	

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	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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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:	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-38 0-4' (H235458-52)

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) 118 % 71.5-134

Chloride, SM4500CI-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-39 0-4' (H235458-53)

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) 113 % 71.5-134

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	10/10/2023	ND	432	108	400	3.64	

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	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

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

Received:	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-40 0-4' (H235458-54)

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) 118 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-42 0-4' (H235458-56)

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) 117 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-43 0-4' (H235458-57)

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) 117 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Analytical Results For:

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

Received:	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-44 0-4' (H235458-58)

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) 115 % 71.5-134

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	416	104	400	7.41	

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	10/09/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Analytical Results For:

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

Received:	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-45 0-4' (H235458-59)

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	10/07/2023	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 % 71.5-134

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	10/10/2023	ND	416	104	400	7.41	

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	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-47 0-4' (H235458-61)

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	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 % 71.5-134

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	10/10/2023	ND	416	104	400	7.41	

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	10/07/2023	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 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

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

Received:	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		Analyzed 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 % 71.5-134

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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Analytical Results For:

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

Received:	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-49 0-2' (H235458-63)

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	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 % 71.5-134

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

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

Received:	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-50 0-2' (H235458-64)

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	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 % 71.5-134

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Analytical Results For:

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

Received:	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-51 0-2' (H235458-65)

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	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 % 71.5-134

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	10/10/2023	ND	416	104	400	7.41		

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	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Analytical Results For:

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

Received:	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-79 5' (H235458-66)

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	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 % 71.5-134

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		

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	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Analytical Results For:

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

Received:	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-80 5' (H235458-67)

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	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 % 71.5-134

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-81 5' (H235458-68)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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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:	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-82 5' (H235458-69)

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	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-83 5' (H235458-70)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Analytical Results For:

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

Received:	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-84 5' (H235458-71)

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	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 % 71.5-134

Chloride, SM4500CI-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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-52 0-5' (H235458-72)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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-53 0-5' (H235458-73)

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	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) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1570	16.0	10/10/2023	ND	416	104	400	7.41		

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	10/09/2023	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 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	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-54 0-5' (H235458-74)

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	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 % 71.5-134

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	416	104	400	7.41	

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	10/09/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

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

Received:	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-55 0-5' (H235458-75)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/06/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Pg 1 of 8

Work Order No: H0235458

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting Level: I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Project Number:	Turn Around		Due Date:	TAT starts the day received by the lab, if received by 4:30pm	Parameters	Pre. Code	ANALYSIS REQUEST	Preservative Codes
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush						
Gauchos 30 CTB 1	236730			48hrs		BTEX 8021B		None: NO Cool: Cool HCL: HCL H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
Project Location:	Lea Co. NM					TPH 8015M (GRO + DRO + MRO)			
Sampler's Name:	Dmitry Nikanorov					Chloride 4500			
PO #:	21105841								
SAMPLE RECEIPT									
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Thermometer ID:	1140	Correction Factor:					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.9c	Corrected Temperature:					
Total Containers:	75								
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab Comp	# of Cont	Sample Comments	
CS-34	4'	10/5/2023		X		Comp	1	X	X
CS-35	4'	10/5/2023		X		Comp	1	X	X
CS-36	4'	10/5/2023		X		Comp	1	X	X
CS-37	4'	10/5/2023		X		Comp	1	X	X
CS-38	4'	10/5/2023		X		Comp	1	X	X
CS-39	4'	10/5/2023		X		Comp	1	X	X
CS-40	4'	10/5/2023		X		Comp	1	X	X
CS-41	2'	10/5/2023		X		Comp	1	X	X
CS-42	2'	10/5/2023		X		Comp	1	X	X
CS-43	2'	10/5/2023		X		Comp	1	X	X

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>EV</i>	<i>Shain Cunniff</i>	10/6/23 12:53			



Chain of Custody

Pg 2 of 8

Work Order No: W235458

Page 2 of 8

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____

Project Name:	Gaucha 30 CTB 1	Turn Around	ANALYSIS REQUEST	Preservative Codes
Project Number:	236730	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		None: NO DI Water: H ₂ O
Project Location:	Lea Co. NM	Due Date:	48hrs	Cool: Cool MeOH: Me
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm		HCL: HC HNO ₃ : HN
PO #:	21105841			H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes (No) Wet Ice: (Yes) No	H ₃ PO ₄ : HP
Received Intact:	(Yes) No	Thermometer ID:	#1116	NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:		Na ₂ S ₂ O ₅ : NaSO ₃
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	1.9c	Zn Acetate+NaOH: Zn
Total Containers:	75	Corrected Temperature:		NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		Sample Comments
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	
CS-44	2'	10/5/2023		X		Comp	1	X	X	
CS-45	2'	10/5/2023		X		Comp	1	X	X	
CS-46	2'	10/5/2023		X		Comp	1	X	X	
CS-47	2'	10/5/2023		X		Comp	1	X	X	
CS-48	2'	10/5/2023		X		Comp	1	X	X	
CS-49	2'	10/5/2023		X		Comp	1	X	X	
CS-50	2'	10/5/2023		X		Comp	1	X	X	
CS-51	2'	10/5/2023		X		Comp	1	X	X	
CS-52	2'	10/5/2023		X		Comp	1	X	X	
CS-53	2'	10/5/2023		X		Comp	1	X	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Received by OCD: 3/20/2024 3:41:05 PM 50573



Chain of Custody

Pg 3 of 8

Work Order No: 11235458

Page 3 of 8

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 209 W McKay St
 City, State ZIP: Carlsbad, NM 88220
 Phone: 432-701-2159
 Email: esessums@ntglobal.com

Bill to (if different): Wesley Matthews
 Company Name: Devon
 Address:
 City, State ZIP:

Work Order Comments
 Program: USTR/PST PRP Brownfields RRC Superfund
 State of Project:
 Reporting Level: Level II Level III PST/UST TRRP Level IV
 Deliverables: EDD ADAPT Other:

Project Name: Gauchito 30 CTB 1
 Project Number: 236730
 Project Location: Lea Co. NM
 Sampler's Name: Dmitry Nikanorov
 PO #: 21105841

SAMPLE RECEIPT
 Received Intact: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: 75

Temp Blank: Yes No
 Thermometer ID: HN4D
 Correction Factor:
 Temperature Reading: 1.92
 Corrected Temperature:

Turn Around: Routine Rush
 Due Date: 48hrs
 TAT starts the day received by the lab, if received by 4:30pm

Parameters: BTEX 8021B, TPH 8015M (GRO + DRO + MRO), Chloride 4500

Preservative Codes:
 None: NO
 Cool: Cool
 HCL: HC
 H₂SO₄: H₂
 H₃PO₄: HP
 NaHSO₄: NABIS
 Na₂S₂O₅: NaSO₅
 Zn Acetate+NaOH: Zn
 NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes
CS-54	2'	10/5/2023		X		Comp	1	X	X		
CS-55	2'	10/5/2023		X		Comp	1	X	X		
CS-56	2'	10/5/2023		X		Comp	1	X	X		
CS-57	2'	10/5/2023		X		Comp	1	X	X		
CS-58	2'	10/5/2023		X		Comp	1	X	X		
CS-59	2'	10/5/2023		X		Comp	1	X	X		
CS-60	2'	10/5/2023		X		Comp	1	X	X		
CS-61	2'	10/5/2023		X		Comp	1	X	X		
CS-62	2'	10/5/2023		X		Comp	1	X	X		
CS-63	2'	10/5/2023		X		Comp	1	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<u>Stavri Comarov</u>	<u>10/16/23 10:53</u>			



Chain of Custody

184018

Work Order No: H035458

Page 4 of 8

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	essesums@ntglobal.com

Work Order Comments	
Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund	State of Project:
Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV	Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Gauchos 30 CTB 1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	48hrs
Project Number:	236730				
Project Location:	Lea Co. NM				
Sampler's Name:	Dmitry Nikanorov				
PO #	21105841				
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	19.2		
Total Containers:	75	Corrected Temperature:			

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
CS-64	2'	10/5/2023		X		Comp	1	X	X	X
CS-65	2'	10/5/2023		X		Comp	1	X	X	X
CS-66	2'	10/5/2023		X		Comp	1	X	X	X
CS-67	2'	10/5/2023		X		Comp	1	X	X	X
CS-68	2'	10/5/2023		X		Comp	1	X	X	X
CS-69	2'	10/5/2023		X		Comp	1	X	X	X
CS-70	2'	10/5/2023		X		Comp	1	X	X	X
CS-71	2'	10/5/2023		X		Comp	1	X	X	X
CS-72	2'	10/5/2023		X		Comp	1	X	X	X
CS-73	4'	10/5/2023		X		Comp	1	X	X	X

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/16/23 12:53 ²			



Chain of Custody

Pg 5 & 8

Work Order No: NA235958

Page 5 of 8

Project Manager: Ethan Seessums
 Company Name: NTG Environmental
 Address: 209 W McKay St
 City, State ZIP: Carlsbad, NM 88220
 Phone: 432-701-2159
 Email: esseessums@ntglobal.com

Bill to: (if different)
 Company Name: Wesley Matthews
 Address: Devon
 City, State ZIP:

Work Order Comments
 Program: UST/PST PRP Brownfields RRC Superfund
 State of Project:
 Reporting Level: Level II Level III PST/UST TRRP Level IV
 Deliverables: EDD ADAPT Other:

Project Name: Gaucho 30 CTB 1
 Project Number: 236730
 Project Location: Lea Co. NM
 Sampler's Name: Dmitry Nikanorov
 PO #: 211059841

Turn Around: Routine Rush
 Due Date: 48hrs
 TAT starts the day received by the lab, if received by 4:30pm

Received Intact: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: 75

Temp Blank: Yes No
 Thermometer ID: #1110
 Correction Factor: -
 Wet Ice: Yes No
 Temperature Reading: 1.9°C
 Corrected Temperature: -

Parameters: BTEX 8021B, TPH 8015M (GRO + DRO + MRO), Chloride 4500

ANALYSIS REQUEST

Preservative Codes
 None: NO
 Cool: Cool
 HCL: HCL
 H2SO4: H2
 H3PO4: HP
 NaHSO4: NABIS
 Na2S2O8: NaSO3
 Zn Acetate+NaOH: Zn
 NaOH+Ascorbic Acid: SAPC
 DI Water: H2O
 MeOH: Me
 HNO3: HN
 NaOH: Na

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters
CS-74	4'	10/5/2023		X		Comp	1	X X X
CS-75	4'	10/5/2023		X		Comp	1	X X X
CS-76	4'	10/5/2023		X		Comp	1	X X X
CS-77	4'	10/5/2023		X		Comp	1	X X X
CS-78	4'	10/5/2023		X		Comp	1	X X X
SW-32	0-4'	10/5/2023		X		Comp	1	X X X
SW-33	0-4'	10/5/2023		X		Comp	1	X X X
SW-34	0-4'	10/5/2023		X		Comp	1	X X X
SW-35	2-4'	10/5/2023		X		Comp	1	X X X
SW-36	0-4'	10/5/2023		X		Comp	1	X X X

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<i>Shari Cameron</i>	10/6/23 12:53 ²			



Chain of Custody

Work Order No: 11235458

Pg 6 of 8

Page 6 of 8

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRR <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: _____

Project Name:	Gaucha 30 CTB 1	Turn Around	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number:	236730	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush			None: NO DI Water: H ₂ O
Project Location:	Lea Co. NM	Due Date:	48hrs		Cool: Cool MeOH: Me
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm			HCL: HC HNO ₃ : HN
PO #:	21105841	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	H ₂ SO ₄ : H ₂ NaOH: Na
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	# 1419		H ₃ PO ₄ : HP
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:			NaHSO ₄ : NABIS
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	19.2		Na ₂ S ₂ O ₅ : NaSO ₃
Total Containers:	75	Corrected Temperature:			Zn Acetate+NaOH: Zn
					NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
SW-37	0-4'	10/5/2023		X		Comp	1	BTEX 8021B	
SW-38	0-4'	10/5/2023		X		Comp	1	TPH 8015M (GRO + DRO + MRO)	
SW-39	0-4'	10/5/2023		X		Comp	1	Chloride 4500	
SW-40	0-4'	10/5/2023		X		Comp	1		
SW-41	0-4'	10/5/2023		X		Comp	1		
SW-42	0-4'	10/5/2023		X		Comp	1		
SW-43	0-4'	10/5/2023		X		Comp	1		
SW-44	0-4'	10/5/2023		X		Comp	1		
SW-45	0-4'	10/5/2023		X		Comp	1		
SW-46	0-4'	10/5/2023		X		Comp	1		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<i>YK</i>	10/6/23 13:53			



Chain of Custody

Pg 7 of 8

Work Order No: A235458

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____

Project Name:	Gaucha 30 CTB 1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	236730	Due Date:	48hrs		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Dmitry Nikanorov	Wet Ice:	(Yes) No		
PO #	21105841	Thermometer ID:	#140		
SAMPLE RECEIPT		Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.92		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Corrected Temperature:			
Total Containers:	75				

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
SW-47	0-4'	10/5/2023		X		Comp	1	X	X	X	
SW-48	0-2'	10/5/2023		X		Comp	1	X	X	X	
SW-49	0-2'	10/5/2023		X		Comp	1	X	X	X	
SW-50	0-2'	10/5/2023		X		Comp	1	X	X	X	
SW-51	0-2'	10/5/2023		X		Comp	1	X	X	X	
CS-79	5'	10/5/2023		X		Comp	1	X	X	X	
CS-80	5'	10/5/2023		X		Comp	1	X	X	X	
CS-81	5'	10/5/2023		X		Comp	1	X	X	X	
CS-82	5'	10/5/2023		X		Comp	1	X	X	X	
CS-83	5'	10/5/2023		X		Comp	1	X	X	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time



Chain of Custody

Pg 8 of 8

Work Order No: 11035458

Page 8 of 8

Page 85 of 85

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 209 W McKay St
 City, State ZIP: Carlisbad, NM 88220
 Phone: 432-701-2159
 Email: esessums@ntglobal.com

Bill to: (if different)
 Company Name: Wesley Matthews
 Address: Devon
 City, State ZIP:

Work Order Comments
 Program: UST/PST PRP brownfields RRC Superfund
 State of Project:
 Reporting Level: Level II Level III PST/UST RRP Level IV
 Deliverables: EDD ADAPT Other:

Project Name: Gauchto 30 CTB 1
 Project Number: 236730
 Project Location: Lea Co. NM
 Sampler's Name: Dmitry Nikanorov
 PO #: 21105841

Turn Around: Routine Rush
 Due Date: 48hrs
 TAT starts the day received by the lab, if received by 4:30pm

Received Intact: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: 75

Temp Blank: Yes No
 Thermometer ID: #1140
 Correction Factor: 1.92
 Temperature Reading: 75
 Corrected Temperature:

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
CS-84	5'	10/5/2023		X		Comp	1	X	X	X	
SW-52	0-5'	10/5/2023		X		Comp	1	X	X	X	
SW-49-53	0-5'	10/5/2023		X		Comp	1	X	X	X	
SW-50-54	0-5'	10/5/2023		X		Comp	1	X	X	X	
SW-61-55	0-5'	10/5/2023		X		Comp	1	X	X	X	

Additional Comments: * customer requested correctors spooling 10.10.23

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[Signature]	[Signature]	10/10/23 12:53			



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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 www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited 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)

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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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
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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.

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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
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CS - 18

H235759-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	160		16.0	mg/kg	4	3102046	AC	20-Oct-23	4500-Cl-B	
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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)			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			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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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
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CS - 19

H235759-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	144		16.0	mg/kg	4	3102046	AC	20-Oct-23	4500-Cl-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	71.5-134		3102037	MS	21-Oct-23	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			99.7 %	48.2-134		3102035	MS	20-Oct-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			108 %	49.1-148		3102035	MS	20-Oct-23	8015B	
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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
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SW - 64

H235759-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	128		16.0	mg/kg	4	3102046	AC	20-Oct-23	4500-Cl-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	71.5-134		3102037	MS	21-Oct-23	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			83.9 %	48.2-134		3102035	MS	20-Oct-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.9 %	49.1-148		3102035	MS	20-Oct-23	8015B	
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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
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SW - 65

H235759-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	176		16.0	mg/kg	4	3102325	AC	23-Oct-23	4500-Cl-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		3102037	MS	21-Oct-23	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			93.5 %	48.2-134		3102035	MS	20-Oct-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			101 %	49.1-148		3102035	MS	20-Oct-23	8015B	
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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
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CS - 94

H235759-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	160		16.0	mg/kg	4	3102325	AC	23-Oct-23	4500-Cl-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			122 %		71.5-134	3102047	MS	20-Oct-23	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			83.1 %		48.2-134	3102035	MS	20-Oct-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			90.0 %		49.1-148	3102035	MS	20-Oct-23	8015B	
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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
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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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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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
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3102037 - Volatiles

Blank (3102037-BLK1)		Prepared: 20-Oct-23 Analyzed: 21-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: 20-Oct-23 Analyzed: 21-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: 20-Oct-23 Analyzed: 21-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							

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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
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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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	
Surrogate: 4-Bromofluorobenzene (PID)	0.0518		mg/kg	0.0500		104	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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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
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3102035 - General Prep - Organics

Blank (3102035-BLK1)				Prepared & 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 & 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 & 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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Celey D. Keene, Lab Director/Quality Manager



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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. Keene

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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



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 - 1 0-0.5 (H236332-01)

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) 119 % 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
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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 1-1.5 (H236332-02)

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) 119 % 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
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 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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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 - 1 2-2.5 (H236332-03)

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) 118 % 71.5-134

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	11/21/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 3-3.5 (H236332-04)

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 % 71.5-134

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 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 4-4.5 (H236332-05)

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 % 71.5-134

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 0-0.5 (H236332-06)

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) 118 % 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	
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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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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 - 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 % 71.5-134

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 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 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 % 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
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 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 3-3.5 (H236332-09)

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) 110 % 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
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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 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 % 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	
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 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 0-0.5 (H236332-11)

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) 121 % 71.5-134

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		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 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 1-1.5 (H236332-12)

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) 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
Chloride	672	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 113 % 71.5-134

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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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)

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) 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	
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	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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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 - 3 4-4.5 (H236332-15)

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) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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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 - 4 0-0.5 (H236332-16)

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) 134 % 71.5-134

Chloride, SM4500CI-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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 1-1.5 (H236332-17)

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) 122 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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

Received:	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 2-2.5 (H236332-18)

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) 118 % 71.5-134

Chloride, SM4500CI-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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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		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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	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		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) 119 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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

Received:	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		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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	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 1-1.5 (H236332-22)

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	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 % 71.5-134

Chloride, SM4500CI-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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 2-2.5 (H236332-23)

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	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 % 71.5-134

Chloride, SM4500Cl-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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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 - 5 3-3.5 (H236332-24)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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		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	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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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		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	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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 1-1.5 (H236332-27)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 2-2.5 (H236332-28)

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	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 % 71.5-134

Chloride, SM4500CI-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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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		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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 4-4.5 (H236332-30)

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	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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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 - 7 0-0.5 (H236332-31)

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	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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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 - 7 1-1.5 (H236332-32)

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	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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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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 - 7 2-2.5 (H236332-33)

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	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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 3-3.5 (H236332-34)

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	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 % 71.5-134

Chloride, SM4500CI-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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 4-4.5 (H236332-35)

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	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 % 71.5-134

Chloride, SM4500CI-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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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		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	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 % 71.5-134

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	11/22/2023	ND	400	100	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 1-1.5 (H236332-37)

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	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 % 71.5-134

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	11/22/2023	ND	400	100	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 49.1-148

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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 2-2.5 (H236332-38)

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	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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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		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	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 % 71.5-134

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	11/22/2023	ND	400	100	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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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 4-4.5 (H236332-40)

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	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 % 71.5-134

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	400	100	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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		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	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 % 71.5-134

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	11/22/2023	ND	400	100	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 5-5.5 (H236332-42)

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	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 % 71.5-134

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	11/22/2023	ND	400	100	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Analytical Results For:

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

Received:	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		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	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 % 71.5-134

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	11/22/2023	ND	400	100	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 5-5.5 (H236332-44)

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	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 % 71.5-134

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	400	100	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 5-5.5 (H236332-45)

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	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 % 71.5-134

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	400	100	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 5-5.5 (H236332-46)

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	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 % 71.5-134

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	400	100	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Analytical Results For:

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

Received:	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		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	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 % 71.5-134

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	11/22/2023	ND	400	100	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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 5-5.5 (H236332-48)

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	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 % 71.5-134

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	11/22/2023	ND	400	100	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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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

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.

Handwritten signature of Mike Snyder

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H23633

Page 1 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St.	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
DV-1	0-0.5	11/20/2023	11:10	X		Grab	1	X	X	X	
DV-1	1-1.5	11/20/2023	11:11	X		Grab	1	X	X	X	
DV-1	2-2.5	11/20/2023	11:12	X		Grab	1	X	X	X	
DV-1	3-3.5	11/20/2023	11:13	X		Grab	1	X	X	X	
DV-1	4-4.5	11/20/2023	11:14	X		Grab	1	X	X	X	
DV-2	0-0.5	11/20/2023	11:15	X		Grab	1	X	X	X	
DV-2	1-1.5	11/20/2023	11:16	X		Grab	1	X	X	X	
DV-2	2-2.5	11/20/2023	11:17	X		Grab	1	X	X	X	
DV-2	3-3.5	11/20/2023	11:18	X		Grab	1	X	X	X	
DV-2	4-4.5	11/20/2023	11:19	X		Grab	1	X	X	X	

Additional Comments:

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Chain of Custody

Work Order No:

1234332

Page 2 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
DV-3	0-0.5	11/20/2023	11:20	X		Grab	1	X	X	X	None: NO DI Water: H ₂ O
DV-3	1-1.5	11/20/2023	11:21	X		Grab	1	X	X	X	Cool: Cool MeOH: Me
DV-3	2-2.5	11/20/2023	11:22	X		Grab	1	X	X	X	HCL: HC HNO ₃ : HN
DV-3	3-3.5	11/20/2023	11:23	X		Grab	1	X	X	X	H ₂ SO ₄ : H ₂ NaOH: Na
DV-3	4-4.5	11/20/2023	11:24	X		Grab	1	X	X	X	H ₃ PO ₄ : HP NaHSO ₄ : NABIS
DV-4	0-0.5	11/20/2023	11:25	X		Grab	1	X	X	X	Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn
DV-4	1-1.5	11/20/2023	11:26	X		Grab	1	X	X	X	NaOH+Ascorbic Acid: SAPC
DV-4	2-2.5	11/20/2023	11:27	X		Grab	1	X	X	X	
DV-4	3-3.5	11/20/2023	11:28	X		Grab	1	X	X	X	
DV-4	4-4.5	11/20/2023	11:29	X		Grab	1	X	X	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11-21-23 13:55			



Chain of Custody

Work Order No: 112123332

Page 3 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level:	<input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Gaucho 30 CTB 1	Turn Around		Pres. Code	ANALYSIS REQUEST						Preservative Codes	
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	48hr	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD		
Project Number:	236730										None: NO	DI Water: H ₂ O
Project Location:	Lea Co. NM										Cool: Cool	MeOH: Me
Sampler's Name:	Kenny Han										HCL HC	HNO ₃ : HN
PO #:	21184433										H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:									NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:									Na ₂ S ₂ O ₅ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:									Zn Acetate+NaOH: Zn	
Total Containers:	48	Corrected Temperature:									NaOH+Ascorbic Acid: SAPC	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont					Sample Comments
DV-5	0-0.5	11/20/2023	11:30	X		Grab	1	X	X	X		
DV-5	1-1.5	11/20/2023	11:31	X		Grab	1	X	X	X		
DV-5	2-2.5	11/20/2023	11:32	X		Grab	1	X	X	X		
DV-5	3-3.5	11/20/2023	11:33	X		Grab	1	X	X	X		
DV-5	4-4.5	11/20/2023	11:34	X		Grab	1	X	X	X		
DV-6	0-0.5	11/20/2023	11:35	X		Grab	1	X	X	X		
DV-6	1-1.5	11/20/2023	11:36	X		Grab	1	X	X	X		
DV-6	2-2.5	11/20/2023	11:37	X		Grab	1	X	X	X		
DV-6	3-3.5	11/20/2023	11:38	X		Grab	1	X	X	X		
DV-6	4-4.5	11/20/2023	11:39	X		Grab	1	X	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	11-21-23 1315			



Chain of Custody

Work Order No: A236332

Page 4 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	essesums@ntglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
DV-7	0-0.5	11/20/2023	11:40	X		Grab	1	X	X	X	
DV-7	1-1.5	11/20/2023	11:41	X		Grab	1	X	X	X	
DV-7	2-2.5	11/20/2023	11:42	X		Grab	1	X	X	X	
DV-7	3-3.5	11/20/2023	11:43	X		Grab	1	X	X	X	
DV-7	4-4.5	11/20/2023	11:44	X		Grab	1	X	X	X	
DV-8	0-0.5	11/20/2023	11:45	X		Grab	1	X	X	X	
DV-8	1-1.5	11/20/2023	11:46	X		Grab	1	X	X	X	
DV-8	2-2.5	11/20/2023	11:47	X		Grab	1	X	X	X	
DV-8	3-3.5	11/20/2023	11:48	X		Grab	1	X	X	X	
DV-8	4-4.5	11/20/2023	11:49	X		Grab	1	X	X	X	

Additional Comments:

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District IV
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 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 325106

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 325106
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2112039086
Incident Name	NAPP2112039086 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	03/30/2021
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	Cause: Other Other (Specify) Crude Oil Released: 19 BBL Recovered: 19 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Other Other (Specify) Produced Water Released: 100 BBL Recovered: 21 BBL Lost: 79 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)	Not answered.

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QUESTIONS, Page 2

Action 325106

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 325106
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

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

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	False
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	Spill was not in containment.

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmv.com Date: 03/20/2024
--	--

District I
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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 325106
	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 provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
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 adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 325106

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	325106
	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
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
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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 325106

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 325106
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Deferral Requests Only

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	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

Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.

Enter the facility ID (##) 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 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@divn.com Date: 03/20/2024
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QUESTIONS, Page 6

Action 325106

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	325106
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	325038
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/02/2023
What was the (estimated) number of samples that were to be gathered	64
What was the sampling surface area in square feet	5957

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
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CONDITIONS

Action 325106

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 325106
	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