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ID	n A PP220136	2323	

Incident ID	nAPP2201362323
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>>101</u> (ft bgs)		
Did this release impact groundwater or surface water?			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?			
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No		
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?			
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No		
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No		
Are the lateral extents of the release overlying an unstable area such as karst geology?			
Are the lateral extents of the release within a 100-year floodplain?			
Did the release impact areas not on an exploration, development, production, or storage site?			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.			
Characterization Report Checklist: Each of the following items must be included in the report.			
 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.

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Printed Name: <u>Dale Woodall</u>	Title: Environmental Professional	
Signature: Dals Woodall	Date: <u>10/30/2023</u>	
Email: dale.woodall@dvn.com	Telephone: <u>405-318-4697</u>	
OCD Only		
Received by: Shelly Wells	Date: _11/16/2023	

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Incident ID	nAPP2201362323
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Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items mi	ust 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 b	e confirmed as part of any request for deferral of remediation.	
	nd production equipment where remediation could cause a major facility	
Contamination does not cause an imminent risk to human h	nealth, the environment, or groundwater.	
rules and regulations all operators are required to report and/or which may endanger public health or the environment. The accliability should their operations have failed to adequately investigations.	mplete to the best of my knowledge and understand that pursuant to OCD file certain release notifications and perform corrective actions for releases ceptance of a C-141 report by the OCD does not relieve the operator of tigate and remediate contamination that pose a threat to groundwater, OCD acceptance of a C-141 report does not relieve the operator of ocal laws and/or regulations.	
Printed Name: <u>Dale Woodall</u>	Title: Environmental Professional	
Signature: Dals Woodall	Date: 10/30/2023	
email: dale.woodall@dvn.com Telephone: 405-318-4697		
OCD Only		
Received by: Shelly Wells	Date: <u>11/16/2023</u>	
Approved	ns of Approval	
Signature:	Date:	

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Incident ID	nAPP2201362323
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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 OD	C District office must be notified 2 days prior to final sampling)	
Description of remediation activities		
and regulations all operators are required to report and/or file certainay endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in	
Printed Name: <u>Dale Woodall</u>	Title: Environmental Professional	
Signature: Dals Woodall	Date: 10/30/2023	
email: dale.woodall@dvn.com	Telephone: 405-318-4697	
OCD Only		
Received by:	Date:	
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.	
Closure Approved by:	Date:	
Printed Name:	Title:	



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

November 15, 2023

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

Re: Closure and Deferral Request Report

Thistle Unit 44H CTB

Devon Energy Production Company Site Location: Unit N, S33, T23S, R33E

Lea County, New Mexico

Incident ID: nAPP2314547818 & nAPP2201362323

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment, remedial action, and sampling activities at the Thistle Unit 44H CTB (Site) for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico The Site is in Unit Letter N, Section 33, of Township 23 South and Range 33 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: nAPP2201362323) obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on December 30, 2021. The release was a result of equipment failure which resulted in the release of approximately 16.58 barrels (bbls) of produced water of which 2 bbls were recovered for a net loss of 14.58 bbls. Upon discovery, the well was shut-in, and the area was secured. The release is shown on Figure 3. The initial C-141 form is attached.

Based on the initial C-141 (Incident ID: nAPP2314547818) obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on May 5th, 2023. The release was a result of a human error at the Thistle 46H CTB 1 producing well site causing the overspray of the crude oil on and off the pad. That resulted in the release of approximately 4.4 barrels (bbls) of crude oil of which none were recovered for a net loss of 4.4 bbls. Upon discovery, the well was shut-in, and the area was secured. The release is shown on Figure 4. The initial C-141 form is attached.

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 no water source within a ½ mile radius of the Site. The nearest identified well is located approximately 0.28 miles Southwest of the Site in Sec 33 T23S R33E. The well was drilled in 2023 to the reported depth of 101 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.

Creating a Better Environment For Oil & Gas Operations

Mr. Mike Bratcher November 15, 2023 Page 2 of 4

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	>101	

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)	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Notes: = not defined					

Site Assessment

On November 11^{th} , 2022, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site for incident nAPP2201362323. A total of nine (9) vertical sample points (S-1 through S-9) 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 depth intervals from depths ranging from 0-5.5 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 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 by Cardinal Laboratories in Hobbs, New Mexico. The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of S-1 through S-9 at various depths in the range from 0 ft bgs to 4.5 ft bgs. Analytical results are included in Table 1 and sampling locations are shown in Figure 3. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the back of the report.

On June 9^{th} , 2023, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site for the incident nAPP2314547818. A total of two (2) vertical sample points (V-1 and V-2) and four (4) horizontal sample points (H-1 through H-4) were installed within the release area to characterize the impacts. Soil samples were collected in 0.5 to 1 ft depth intervals from depths ranging from 0 – 3.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination.

A NTG

Mr. Mike Bratcher November 15, 2023 Page 3 of 4

The samples were analyzed BTEX by EPA method 8260B, TPH by method 8015B Modified, and chloride by EPA 4500 Cl-B by Cardinal Laboratories in Hobbs, New Mexico. The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of V-1 and V-2 at various depths in the range from 0 ft bgs to 1.5 ft bgs. Analytical results are included in Table 2 and sampling locations are shown in Figure 4. 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 the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. It is important to note that the impacts from each incident commingled and were addressed in a single excavation. The release areas of S-1 through S-9 were excavated to 5 ft bgs based on the delineation samples results shown in Table 1. The release areas of V-1 and V-2 were excavated to 2.5 ft bgs. Additional impacted areas caused by both releases nAPP2314547818 and nAPP2201362323 were excavated based on the information provided by Devon after the initial assessment was completed by a different environmental consultant (Wescom). The associated proposed excavation map is attached to the Figures. The complete excavation map overview is shown in Figure 5.

From July 19th, 2023, to August 30th, 2023, NTGE was onsite to collect confirmation samples from the base of the excavation as well as confirmation side wall samples. 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. Initial confirmation samples were collected on July 19th, 2023. 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 are removed. Final confirmation samples collected on August 30th, 2023 indicate that impacted soils were removed from all impacted areas except the areas of SW-26 through SW-39. All other confirmation samples were below NMOCD regulatory criterion for the site. Areas of SW-26 through SW-39 are in a close proximity to the facility infrastructure and cannot be expanded any further according to the Devon personnel.

Complete analytical results for all confirmation samples are presented in Table 3 and the final excavation map with confirmation sample locations is shown in Figures 6 and 7.

On September 28th, 2023 and November 10th, 2023, NTGE was on site to collect five (5) vertical delineation samples (V-1 through V-5) in 0.5 to 5 ft depth intervals from depths ranging from 0 – 8.5 ft bgs with a geotechnical hand auger in the areas that could not be reached with any excavation machinery. Laboratory results of these samples are presented in Table 1 and their locations are shown in Figure 3.

Deferral Request

Devon personnel have expressed that the excavation areas SW-26 through SW-39 cannot be expanded vertically or horizontally due to the presence of facility infrastructure (i.e., pumpjack, wellhead and adjacent flowlines and electrical lines, etc.) around the excavation and the associated safety concerns in further encroaching the infrastructure. The infrastructure in and around the excavation is visible on Figure 3.

NTGE Project No.: 237481



Mr. Mike Bratcher November 15, 2023 Page 4 of 4

On behalf of Devon, NTGE formally requests a deferral for both incidents nAPP2314547818 and nAPP2201362323 to address the remaining soil impacts (SW-26 through SW-39) 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 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

allun

Attachments:

Initial And Final C-141

Site Characterization Information

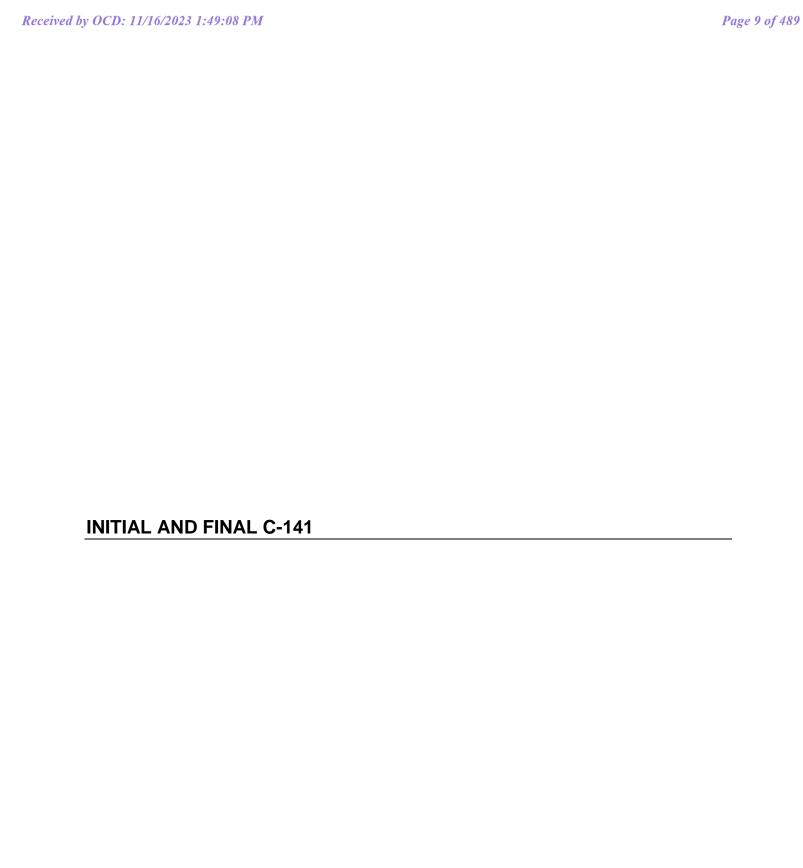
Tables Figures

Photographic Log

Laboratory Reports and Chain-of-Custody

Dmitry Nikanorov Project Scientist

Mikan



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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party				OGRID	OGRID	
Contact Name				Contact Te	Contact Telephone	
Contact emai	Contact email			Incident #	(assigned by OCD))
Contact mail	ing address			1		
			Location	of Release So	ource	
Latitude			(NAD 83 in dec	Longitude _cimal degrees to 5 decim	nal places)	
Site Name				Site Type		
Date Release	Discovered			API# (if app	licable)	
Unit Letter	Section	Township	Range	Coun	ity	
Crude Oil	Material	Federal Tr	Nature and	l Volume of I		e volumes provided below)
					Volume Reco	,
Produced Water Volume Released (bbls) Is the concentration of total dissorbin the produced water >10,000 m		ion of total dissolv		Yes N		
Condensa	te	Volume Release	d (bbls)		Volume Reco	overed (bbls)
☐ Natural G	as	Volume Release	d (Mcf)		Volume Reco	overed (Mcf)
Other (describe) Volume/Weight Released (provide		e units)	Volume/Weig	ght Recovered (provide units)		
Cause of Rele	ease					

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Facility ID	
Application ID	

Was this a major I release as defined by	f YES, for what reason(s) does the respon	sible party consider this a major release?
19.15.29.7(A) NMAC?		
☐ Yes ☐ No		
TOYER 11 11 11	1 0 CD2 D 1 2 T 1	0.17
If YES, was immediate notice	ce given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
	Initial Ro	esponse
The responsible par	rty must undertake the following actions immediatel	y unless they could create a safety hazard that would result in injury
☐ The source of the releas	se has been stopped.	
☐ The impacted area has b	peen secured to protect human health and	the environment.
☐ Released materials have	e been contained via the use of berms or o	ikes, absorbent pads, or other containment devices.
All free liquids and reco	overable materials have been removed and	d managed appropriately.
If all the actions described a	above have <u>not</u> been undertaken, explain	why:
has begun, please attach a r	narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.
regulations all operators are rec public health or the environmental failed to adequately investigate	quired to report and/or file certain release noti nt. The acceptance of a C-141 report by the C and remediate contamination that pose a thre	pest of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger ICD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name:		Title:
Signature: Kendra 3	Ruiz	Date:
email:		Telephone:
OCD Only		
Received by: Jocelyn I	Harimon	Date: 06/08/2023
received by.		<u></u>

1	nputs in blue, O	utputs in red
Co	ntaminated Soil	measurement
Area (Ft ²)	Depth (in)
0		0.000
Cubic Feet of S	oil Impacted	0.000
Barrels of Soi	l Impacted	0.00
Soil Ty	/pe	Clay
Barrels of Oil 100% Sat		0.00
Saturation	Damp no	fluid when squeezed
Estimated Bar Relea	1415 51 511	0.0000
	Free Standing	Fluid Only
Area (Ft ²)	Depth (inches)
2000	00	0.015
Standing	g fluid	4.453
Total fluids :		4.453

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

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

District III 1000 Rio Brazos Rd., Aztec, NM 87410

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

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

CONDITIONS

Action 225370

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	225370
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jharimon	None	6/8/2023

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Incident ID	nAPP2314547818	
District RP		
Facility ID		
Application ID		

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>>101 (</u> ft bgs)			
Did this release impact groundwater or surface water?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No			
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No			
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No			
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No			
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No			
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
Characterization Report Checklist: Each of the following items must be included in the report.				
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody 				

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

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Incident ID	nAPP2314547818	
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Facility ID		
Application ID		

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release no public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	occ does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In
Printed Name:Dale Woodall	Title:Env. Professional
Signature: Dale Woodall	Date:10/25/23
email:dale.woodall@dvn.com	Telephone:575-748-1838
OCD Only	
Received by:	Date:

State of New Mexico Incident ID nAPP23145

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Incident ID	nAPP2314547818	
District RP		
Facility ID		
Application ID		

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	e included in the plan.
☐ Detailed description of proposed remediation technique ☐ Scaled sitemap with GPS coordinates showing delineation point ☐ Estimated volume of material to be remediated ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.1 ☐ Proposed schedule for remediation (note if remediation plan times)	2(C)(4) NMAC
Deferral Requests Only: Each of the following items must be com-	ofirmed as part of any request for deferral of remediation
Contamination must be in areas immediately under or around predeconstruction.	
⊠ 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 rules and regulations all operators are required to report and/or file of which may endanger public health or the environment. The accepta liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD responsibility for compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state.	pertain release notifications and perform corrective actions for releases note of a C-141 report by the OCD does not relieve the operator of a and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: Dale Woodall	Title: Env. Professional
Signature: Dale Woodall	Date: 10-25-2023
email: _dale.woodall@dvn.com	Telephone:575-748-1838
OCD O. I	
OCD Only	
Received by:	Date:
☐ Approved ☐ Approved with Attached Conditions of	Approval
Signature:	Date:

Received by OCD: 11/16/2023 1:49:08 PM Form C-141 State of New Mexico Oil Conservation Division Page 6

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

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Incident ID	nAPP2314547818
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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.

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

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 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	nAPP2201362323
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company		OGRID ₆₁	37			
Contact Name Dale Woodall		Contact Te	Contact Telephone			
Contact email Dale.Woodall@dvn.com		Incident #	(assigned by OCD)			
Contact mail	ing address	6488 Seven Ri	vers Hwy Artes	ia, NM 88210		
				of Release So		
Latitude 32	.255093	5	(NAD 83 in dec	Longitude _ cimal degrees to 5 decim	-103.579319 nal places)	
Site Name Th	istle Unit	44H CTB		Site Type	 Dil	
Date Release				API# (if app	licable)	
Unit Letter	Section	Township	Range	Coun	ıty	
N	33	238	33E	Lea	a	
			ll that apply and attach	d Volume of I	justification for the volumes provide	ed below)
Crude Oil		Volume Released (bbls)			Volume Recovered (bbls)	
■ Produced	Water	Volume Release	ed (bbls) 16.58 B	BLS	Volume Recovered (bbls) 2	BBLS
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?		Yes No			
Condensa	te	Volume Released (bbls)			Volume Recovered (bbls)	
☐ Natural G	Natural Gas Volume Released (Mcf)		Volume Recovered (Mcf)			
Other (describe) Volume/Weight Released (provide units)		Volume/Weight Recovered (provide units)				
Cause of Rele	^{ease} Fluid	released from	separator.			

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Incident ID	nAPP2201362323
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Was this a major	If YES, for what reason(s) does the respon	nsible party consider this a major release?
release as defined by 19.15.29.7(A) NMAC?		
30 8		
Yes No		
If YES, was immediate no	Lotice given to the OCD? By whom? To what is a single of the OCD?	nom? When and by what means (phone, email, etc)?
	and a Company of the state of t	
	Initial R	esponse
The responsible	party must undertake the following actions immediate	y unless they could create a safety hazard that would result in injury
■ The source of the rele	ease has been stopped.	
■ The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or o	likes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
Spill was not in con	tainment.	
Per 19.15.29.8 B. (4) NM	IAC the responsible party may commence r	emediation immediately after discovery of a release. If remediation
		efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.
regulations all operators are	required to report and/or file certain release noti	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger
		OCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In
addition, OCD acceptance o and/or regulations.	f a C-141 report does not relieve the operator of	responsibility for compliance with any other federal, state, or local laws
Printed Name: Kendr	a DeHoyos	Title: EHS Associate
Signature: Kendra		Date: 1/13/2022
_{email:} Kendra.Ru		Telephone: 575-748-0167
	 :	<u></u>
0.60 0 ;		
OCD Only		
Received by: Ramona N	Marcus	Date:1/14/2022

	Page 20 of 48	9
Incident ID	nAPP2201362323	
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?	>101 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No
Did the release impact areas not on an exploration, development, production, or storage site?	⊠ Yes □ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody	ls.

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

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: ID	nAPP2201362323	

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Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Printed Name: <u>Dale Woodall</u> Title: <u>Environmental Professional</u> Signature: Dala Woodall Date: 10/30/2023 Email: dale.woodall@dvn.com Telephone: 405-318-4697 **OCD Only** Received by: _____

Remediation Plan Checklist: Each of the following items must be included in the plan.

te of New Mexico

Incident ID	nAPP2201362323
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Remediation Plan

 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15 ☑ Proposed schedule for remediation (note if remediation plane) 	5.29.12(C)(4) NMAC
Deferral Requests Only: Each of the following items must b	e confirmed as part of any request for deferral of remediation.
	nd production equipment where remediation could cause a major facility
○ Contamination does not cause an imminent risk to human I	nealth, the environment, or groundwater.
rules and regulations all operators are required to report and/or which may endanger public health or the environment. The ac- liability should their operations have failed to adequately inves	mplete to the best of my knowledge and understand that pursuant to OCD file certain release notifications and perform corrective actions for releases ceptance of a C-141 report by the OCD does not relieve the operator of tigate and remediate contamination that pose a threat to groundwater, OCD acceptance of a C-141 report does not relieve the operator of ocal laws and/or regulations.
Printed Name: <u>Dale Woodall</u>	Title: Environmental Professional
Signature: Dale Woodall	Date: 10/30/2023
email: dale.woodall@dvn.com	Telephone: <u>405-318-4697</u>
OCD Only	
Received by:	Date:
Approved	ns of Approval
Signature:	Date:

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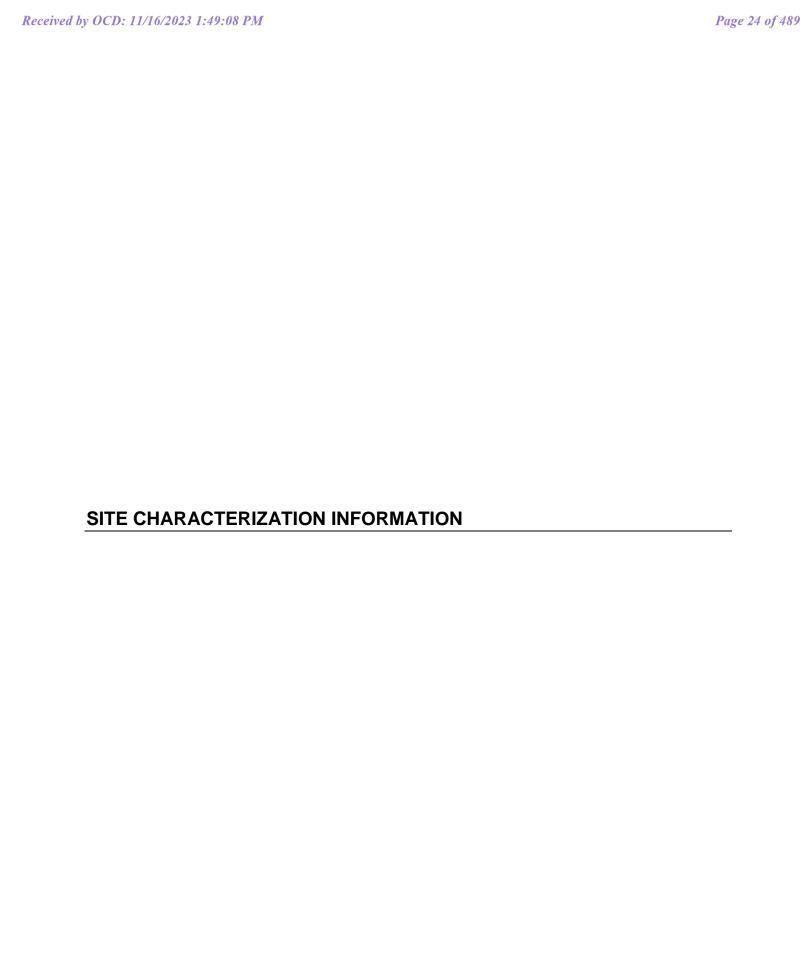
	- 1180 - 10 oj 10
Incident ID	nAPP2201362323
District RP	
Facility ID	
Application ID	

Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.1	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODG	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and replacement the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
Printed Name: <u>Dale Woodall</u>	Title: Environmental Professional
Signature: Dals Woodall	Date: <u>10/30/2023</u>
email: dale.woodall@dvn.com	Telephone: <u>405-318-4697</u>
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.
Closure Approved by:	Date:
Printed Name:	Title:



NMOCD Closure Criteria

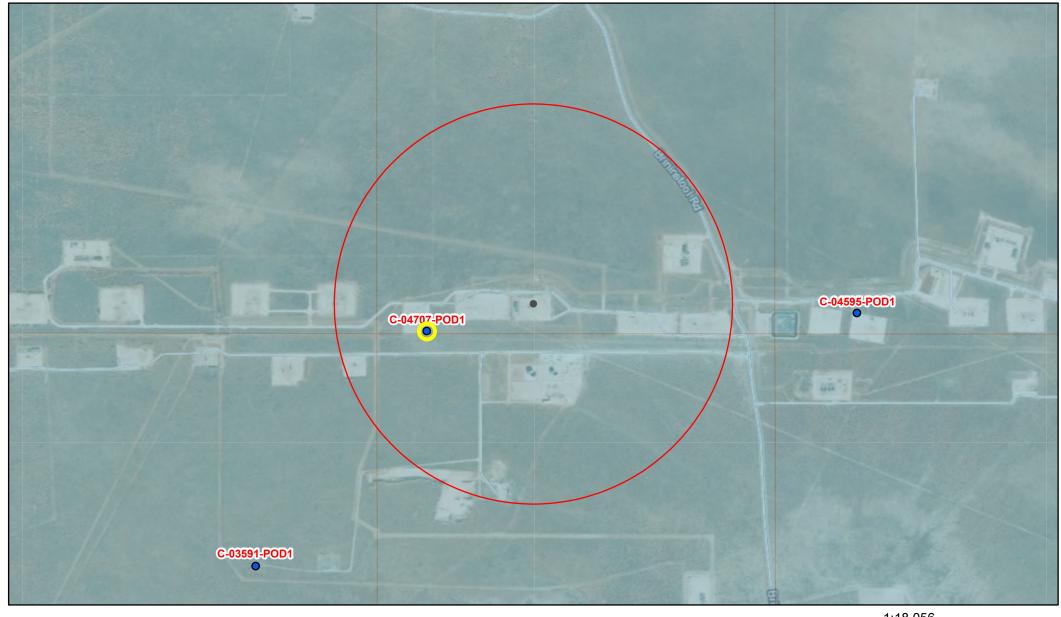
Thistle 44H CTB

Site Information (19.15.29.11.A (2,3, & 4) NMAC)	Source/Notes				
Depth to Groundwater (ft bgs)	>101	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)	>2680	National Wetlands Inventory (NWS)			

Closure Criteria (19.	15.29.12.B(4) a	nd Table 1 NM	AC)					
Double to Crowndy stor (6)	Closure Criteria (mg/kg)							
Depth to Groundwater (ft)	Chloride*	TPH	GRO + DRO	BTEX	Benzene			
< 50		600	100		50	10		
51 - 100		10,000	2,500	1,000	50	10		
>100	х	20,000	2,500	1,000	50	10		
Surface Water	Yes/No			in yes, then				
<300 ft from a continuously flowing watercourse or other significant								
watercourse?	No							
<200 ft from a lakebed, sinkhole, or playa lake?	No							
Water Well or Water Source								
<500 ft from a spring or a private, domestic fresh waster well used								
by less that 5 households for domestic or livestock purposes?								
by less that 3 households for dofflestic or livestock purposes?	No							
<1,000 ft from a fresh water well or spring?	No							
Human and Other Area		600	100		50	10		
<300 ft from an occupied permanent residence, school, hospital,								
institution or church?	No							
Within incorporated municipal boundaries or within a defined								
municipal fresh water well field?	No							
<100 ft from a wetland?	No	1						
Within an area overlying a subsurface mine?	No]						
Within and unstable area?	No							
Within a 100 yr floodplain?	No	1						

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

OSE POD Locations Map



7/24/2023, 12:14:59 PM **GIS WATERS PODs**

OSE District Boundary
Released to Imaging: 2/19/2024 3:33:49 PM

Water Right Regulations New Mexico State Trust Lands

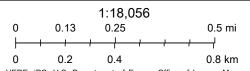
Active

Closure Area

Both Estates



SiteBoundaries



Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar



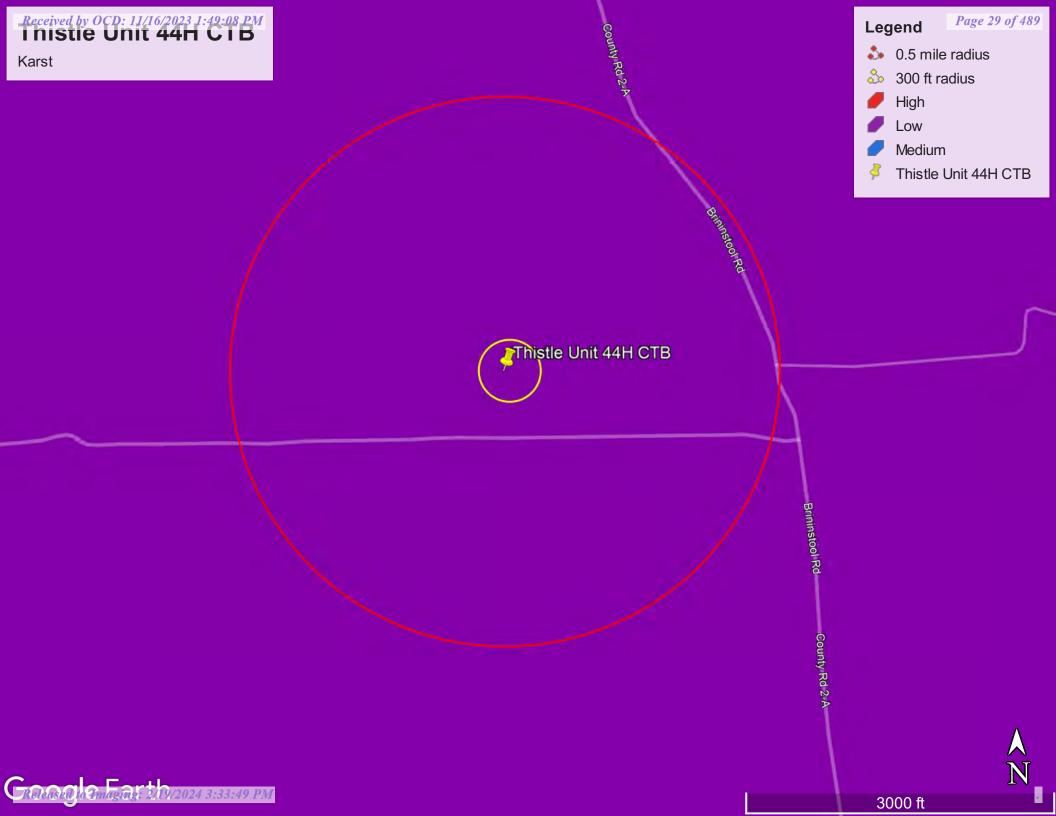
	OSE POD NO. (W)		WELL TAG ID NO	0.		OSE FILE NO	S).					
POD 1 (TW-1) N/A									C-4707					
WELL OWNER NAME(S)									PHONE (OPTIONAL)					
Devon Energy								575-748-18:	38					
Ī	WELL OWNER M		ADDRESS		CITY		STATE		ZIP					
	6488 7 Rivers	Hwy						Artesia		NM	88210			
F	WELL	T	DE	GREES	MINUTES	SECONDS								
	LOCATION	LAT	TTUDE	32	15	14.18	N	* ACCURACY	REQUIRED: ONE TEN	TH OF A	SECOND			
	(FROM GPS)		GITUDE	103	35	1.32	W	* DATUM RE	QUIRED: WGS 84					
F	DESCRIPTION R	_	G WELL LOCATION TO	STREET ADDRE	SS (SECTION, TO	WNSHJIP, RANGE) WH	IERE AVA	AILABLE						
0			Γ23S R33E NMPM						At each fact there is					
L	LICENSE NO.	-	NAME OF LICENSED	DRILLER					NAME OF WELL DR	ILLING C	OMPANY			
1249					ckie D. Atkin	S					Associates, l	Inc.		
-	DRILLING STAR	TED	DRILLING ENDED	DEPTH OF COM	PLETED WELL	FT) R	ORE HO	LE DEPTH (FT)	DEPTH WATER FIR	ST ENCO	UNTERED (FT)			
4/11/23 4/12/23					ry Well Mate			±101	ZZI III WALLEN PIN	N/A	and the same of th	-		
	Tarana and	-				2. 1.1.		STATIC	WATER LEVEL	T	DATE STATIC	MEASU		
COMPLETED WELL IS: ARTESIAN				DRY HOLE	SHALL	OW (UNCONF	NED)			/A	4/18/2			
Ī	DRILLING FLUID	;	AIR	MUD										
DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER - SPECIFY:								Hollow Stem	Auger CHECK INSTAL	HERE IF	PITLESS ADA	PTER IS		
	DEPTH (fee	bgl)	BORE HOLE	CASING MATERIAL AND/OR			Tauli S	CASING CA		NG WALL	SLO			
FROM TO DIAM (inches)				GRADE			CASING CONNECTION				ASING WALL THICKNESS			
		(include each casing string, and			ГҮРЕ	(inches)		(inches) (
-	0	101	±6.25	Soil Boring		1) (8	(add coupling diameter)				÷	-		
				30ii Boring										
H		_										_		
H														
										-		_		
H			-	-							-	-		
H						_						-		
-			-	-		-						-		
-						-				-		-		
-			-							-		-		
		. 7.					_			_				
L	DEPTH (fee	bgl)	BORE HOLE	LIST ANNULAR SEAL MATERIAL A				AMOUNT (cubic feet)		METHOD OF PLACEMENT				
	FROM	TO	DIAM. (inches)	GRAVEL PACK SIZE-RANGE BY INTE								ERVAL		
						N/A								
									USC Us -	3412	025 PKS	3Q =		
(OSE INTERNA	LUSE						WR-2	0 WELL RECORD	& LOG	Version 01/2	8/2022		
_	NO. (-		170		POD N	0.		TRN						
									100					

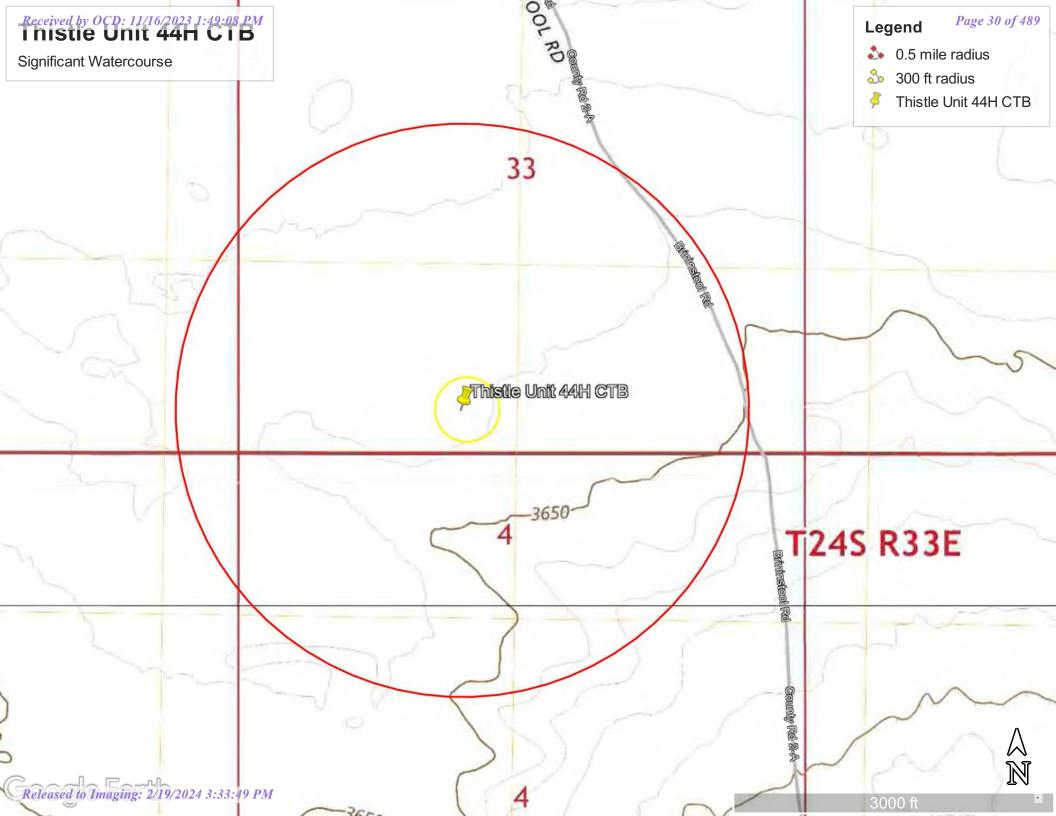
	DEPTH (fee	DEPTH (feet bgl)		COLOR AND TYPE OF MATERIAL ENCOUN	TERED -	WATER	ESTIMATED YIELD FOR				
	FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRAC (attach supplemental sheets to fully describe a		BEARING? (YES / NO)	WATER- BEARING ZONES (gpm)				
	0	9	9	Sand, fine-grained, poorly graded with caliche	e, Tan	Y /N					
	9	50	41	Sand, fine-grained, poorly graded, cemented layer	ers, Tan	Y ✓N					
	50	65	15	Sand, very fine-grained, poorly graded, Tan / I	Brown	Y ✓N					
	65	101	36	Clay, Stiff, consolidated, with fine silt, Reddish	Brown	Y ✓N	Y1				
						Y N					
1						Y N					
WE						Y N					
5						Y N					
3						Y N					
						Y N					
3						Y N					
9						Y N					
4. HYDROGEOLOGIC LOG OF WELL						Y N					
						Y N					
4						Y N					
						Y N					
d						Y N					
						Y N					
						Y N					
						Y N					
						Y N					
	METHOD USE	D TO E	STIMATE YIELD	тот	AL ESTIMATED						
	PUMP AIR LIFT			BAILER OTHER – SPECIFY:	WE	LL YIELD (gpm):	0.00				
	WELL TEST			ACH A COPY OF DATA COLLECTED DURING WELL T ME, AND A TABLE SHOWING DISCHARGE AND DRAW							
TEST; KIG SUPERVISION	MISCELLANE	OUS IN	41	mporary well material removed and soil boring backfi low ground surface(bgs), then hydrated bentonite chip- istle Unit #043	lled using drill cur s ten feet bgs to su	irface.	epth to ten fee				
EST	PRINT NAME	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:									
6	Shane Eldridge, Cameron Pruitt										
SIGNATURE	CORRECT RE	CORD O	F THE ABOVE D	IES THAT, TO THE BEST OF HIS OR HER KNOWLEDGESCRIBED HOLE AND THAT HE OR SHE WILL FILE TO DAYS AFTER COMPLETION OF WELL DRILLING:							
SIGN	Jack At	kins		Jackie D. Atkins		4/26/23					
		SIGNAT	URE OF DRILLE	R / PRINT SIGNEE NAME		DATE					
0											

WELL TAG ID NO. MY

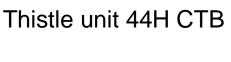
PAGE 2 OF 2

LOCATION











July 24, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Lake

Freshwater Forested/Shrub Wetland

Other

Freshwater Pond



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





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary -- Coastal Transect Baseline OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available

The pin displayed on the map is an approximate

MAP PANELS

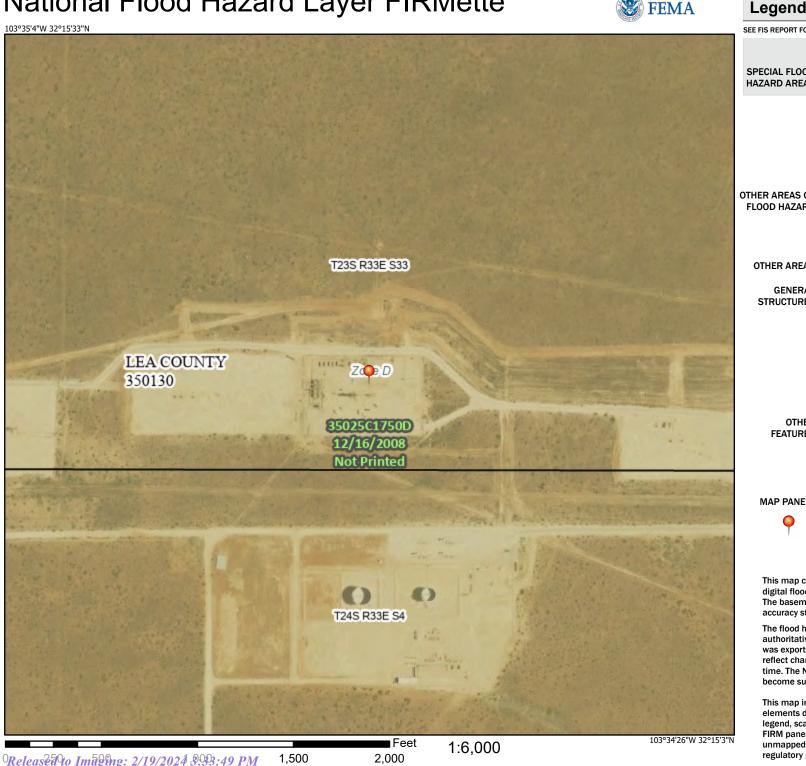
point selected by the user and does not represent an authoritative property location.

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 7/24/2023 at 1:52 PM 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.

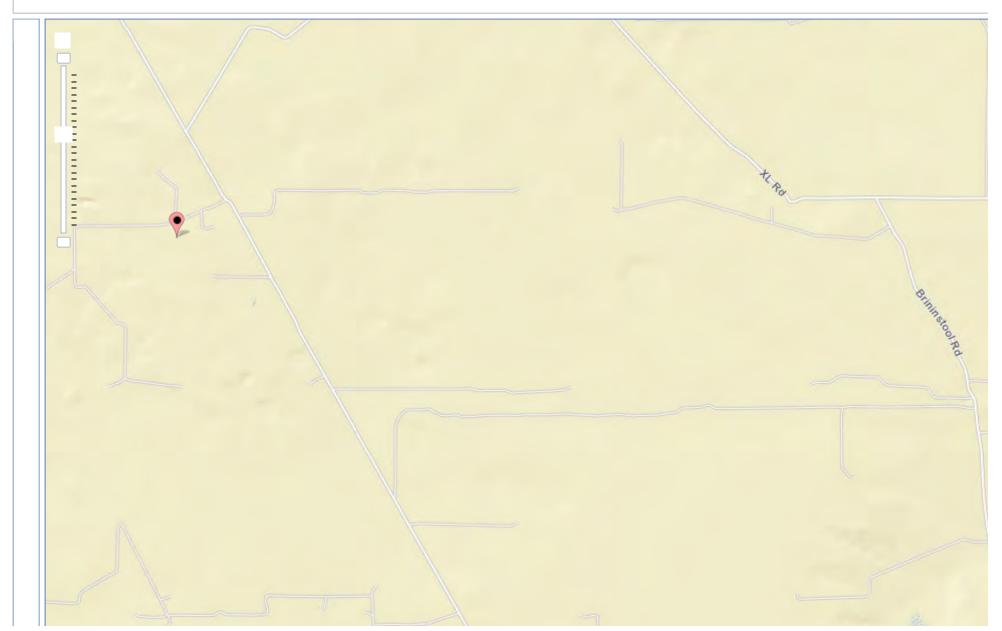
Unmapped

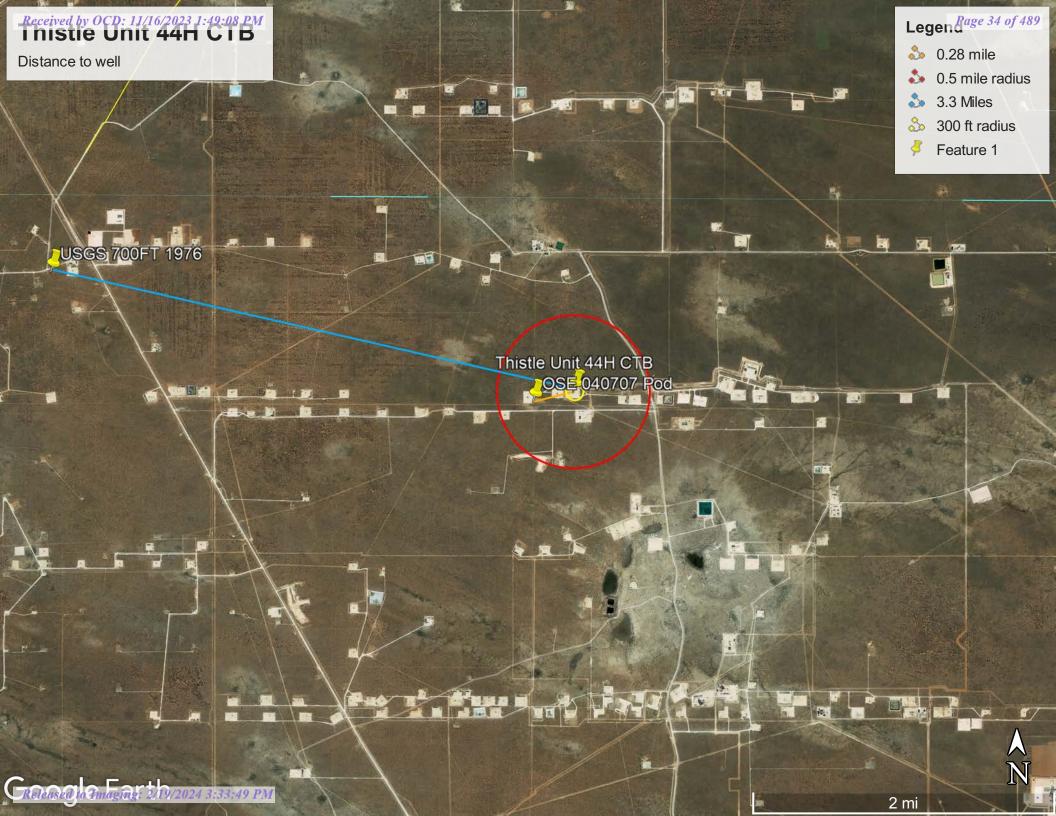
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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





National Water Information System: Mapper





TABLES

Table 1 Summary of Soil Analytical Data - Delineation Samples Devon Energy Production Company Lea County, New Mexico

						TPH							
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX		DRO (C10-	GRO + DRO	MRO (C28-		Chloride
Sample ID	Sample Date	Depth	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	C-10) (mg/kg)	C28) (mg/kg)	(mg/kg)	C35) (mg/kg)	GRO/DRO/MRO (mg/kg)	(mg/kg)
		(ft bgs)	(mg/kg)	(mg/kg)		, 0, 0,	· 0, 0,			ndwater 19.15.2		(mg/kg)	(mg/kg)
			10 mg/kg			able i closui	50 mg/kg	3011 > 100 leet	Deptil to drou	1000 mg/kg		2500 mg/kg	20000 mg/kg
			10 mg/kg			Dalinasti	on Samples			1000 mg/kg		2500 Hig/ kg	20000 Hig/kg
	11/11/2022	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2240	2240	858	3098	4720
	11/11/2022	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1280
						<0.150							
S-1	11/11/2022	2-2.5' 3-3.5'	<0.050 <0.050	<0.050	<0.050 <0.050	<0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	1200
	11/11/2022	3-3.5 4-4.5'	<0.050	<0.050 <0.050	<0.050	<0.150	<0.300 <0.300	<10.0	<10.0	<10.0	<10.0	<10.0 <10.0	2160 2400
	11/11/2022	4-4.5 5-5.5'	<0.050				<0.300	<10.0		<10.0	<10.0	<10.0 <10.0	1600
		0-0.5'		<0.050	<0.050	<0.150			<10.0				
	11/11/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3500
	11/11/2022	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
S-2	11/11/2022	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1200
	11/11/2022	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1040
	11/11/2022	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3040
	11/11/2022	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3280
	11/11/2022	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1280
	11/11/2022	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3120
S-3	11/11/2022	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4320
	11/11/2022	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4560
	11/11/2022	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6560
	11/11/2022	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5760
	11/11/2022	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	83.1	5980	6063.1	1030	7093.1	512
	11/11/2022	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.3	21.3	<10.0	21.3	192
S-4	11/11/2022	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
	11/11/2022	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	11/11/2022	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	11/11/2022	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.9	13.9	<10.0	13.9	128
	11/11/2022	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	768
	11/11/2022	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5120
S-5	11/11/2022	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2480
	11/11/2022	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
	11/11/2022	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
	11/11/2022	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
	11/11/2022	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1460
	11/11/2022	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720
S-6	11/11/2022	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
3.0	11/11/2022	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	11/11/2022	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	11/11/2022	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	11/11/2022	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.7	14.7	<10.0	14.7	784
	11/11/2022	1-1.5"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
S-7	11/11/2022	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
3-7	11/11/2022	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
	11/11/2022	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
	11/11/2022	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
S-8	11/11/2022	0-0.5'	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3600

NTGE Project Number: 237481

Sample December December Sample December											TOU			
Sample Depth (hegs)				Renzene	Toluene	Fthylhenzene	Yulonos	RTFY	GRO ICE	DPO (C10	IPH	MPO (C29	Total	Chloride
			Danish	Delizerie	Toluelle	Luiyibelizelle	Aylelles	BILA		-	GRO + DRO			Cilioriae
Second Process	Sample ID	Sample Date		(mg/kg)	(ma/ka)	(mg/kg)	(mg/kg)	(mg/kg)		•	(ma/ka)	· · · · ·		(mg/kg)
11/11/2022 1-1-5* 0.000-0 -0.00			(it bgs)	(IIIg/Kg)	(IIIg/Kg)	,		,					(1118/148)	(1116/146)
1/11/10/22				10 mg/kg		l	1						2500 mg/kg	20000 mg/kg
1/11/20/22 2-2-5 <0.050 0.050		44/44/2022	4.4.511	5 . 5				0. 0					. .	0. 0
1/11/10/10/2 3-3-5' close clos														
1/11/10/22	co										====			
1/11/19/22	3-0													
1/11/19/22		<u> </u>												
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11/11/2022 3.3.5'														
11/11/2022	S-9													
11/11/10/22 5-5.5 6-0.50 4-0.50														
H-1														
H-2	U 1													
H-3														
H-4														
H-5														
H-6														
H-7									1					
H-8														
9/28/2023 1-1.5' 4.33 53 18.7 80.8 157 1640 3760 5400 764 6164 320		<u> </u>												
9/28/2023 0-0.5' 2.58 17.8 5.63 37.1 63.1 999 6480 7479 1510 8989 160	110	11/11/2022	0 0.5	₹0.030	₹0.030	₹0.030		L	\10.0	₹10.0	₹10.0	10.0	10.0	10
9/28/2023		9/28/2023	0-0.5'	2.58	17.8	5.63			999	6480	7479	1510	8989	160
Y-1 Y-2							_							
9/28/2023 3-3.5' 4.34 39.3 15.5 73.6 133 1330 2930 4260 45 4305 80														
V-1 9/28/2023 4-4.5' 0.877 12.4 7.64 41.2 62.1 1250 3240 4490 521 5011 48 11/10/2023 5-5.5' <0.025														
11/10/2023 5-5.5' <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <20.0 <25.0 <25.0 <50.0 <50.0 <20.0 <20.0 <11/10/2023 6-6.5' <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <20.0 <25.0 <25.0 <50.0 <50.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20	V-1			_										
11/10/2023 6-6.5' <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025														
1/10/2023 7-7.5' <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <20.0 <25.0 <25.0 <50.0 <50.0 <20.0 <20.0 <1/10/2023 8-8.5' <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <20.0 <25.0 <25.0 <25.0 <50.0 <50.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.														
11/10/2023 8-8.5' <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <20.0 <25.0 <25.0 <50.0 <50.0 <20.0 <20.0														
V-2 9/28/2023 0-0.5' <0.050 0.064 <0.050 <0.150 0.064 <10.0 77.6 77.6 11.3 88.9 272 9/28/2023 1-1.5' <0.050														
V-2 9/28/2023 2-2.5' <0.050 <0.050 <0.150 <0.300 <10.0 25.3 25.3 <10.0 25.3 64 9/28/2023 3-3.5' <0.050														
V-2 9/28/2023 2-2.5' <0.050 <0.050 <0.150 <0.300 <10.0 25.3 25.3 <10.0 25.3 64 9/28/2023 3-3.5' <0.050		9/28/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
9/28/2023 3-3.5' <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050	V-2													
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V-3 9/28/2023 2-2.5'														
9/28/2023 4-4.5¹ <0.050 <0.050 <0.050 <0.150 <0.300 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	V-3													
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9/28/2023 0-0.5' <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.0			4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3320
9/28/2023 1-1.5' <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <td></td> <td></td> <td>0-0.5'</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><10.0</td> <td></td> <td></td> <td></td> <td></td> <td></td>			0-0.5'						<10.0					
V-4 9/28/2023 2-2.5' <0.050 <0.050 <0.050 <0.150 <0.300 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 1840 9/28/2023 3-3.5' <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0			1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1230
9/28/2023 3-3.5' <0.050 <0.050 <0.050 <0.150 <0.300 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 1060	V-4													
		<u> </u>												
		9/28/2023												

										TPH			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-	DRO (C10-	GRO + DRO	MRO (C28-	Total	Chloride
		Depth						C-10)	C28)	GKO + DKO	C35)	GRO/DRO/MRO	
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Ta	able I Closur	e Criteria for S	oil >100 feet [Depth to Grou	ndwater 19.15.29	9 NMAC		
			10 mg/kg	-			50 mg/kg			1000 mg/kg		2500 mg/kg	20000 mg/kg
	9/28/2023	0-0.5'	<0.050	1.31	3.27	16.7	21.3	452	4740	5192	801	5993	2120
V-5	9/28/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	146	146	22.2	168.2	528
V-3	9/28/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
	9/28/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
V-5	9/28/2023	4-4.5'	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
• 5													

Notes:

- 1. Values reported in mg/kg
- 2.< = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B
- SP-1 Sample Point Excavated
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
- 9. --- Not Analyzed

										TPH			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C- 10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	Chloride
Jampie ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
						Tab	le I Closure Crite	eria for Soil ≤ 50 f	eet Depth to Gro	undwater 19.15.29 (NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
						C	Confirmation Sa	mples					
	6/7/2023	0-1'	9.17	155	64.3	252	480	3860	8820	12680	1320	14000	1220
V-1	6/7/2023	1-1.5'	0.623	14.1	9.27	40.2	64.2	607	4030	4637	689	5326	1520
A-T	6/7/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	38.4	38.4	12.0	50.4	448
	6/7/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
	6/7/2023	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	627	627	125	752	10000
V-2	6/7/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	75.7	75.7	52.3	128	960
	6/7/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
						ŀ	Horizontal Delini	iation					
H-1	6/7/2023	surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
H-2	6/7/2023	surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
H-3	6/7/2023	surface	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
H-4	6/7/2023	surface	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320

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

										TOLI			
			Benzene	Toluene	Ethvlbenzene	Xvlenes	BTEX	GRO (C6-	DRO (C10-	TPH	MRO (C28-	Total	Chloride
		Depth	Belizelle	Toluelle	Ethylbenzene	Aylelles	DIEX	C10)	C28)	GRO + DRO	MRO (C28- C35)	GRO/DRO/MRO	Cilioride
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
		(10 263)	V 0/ 0/	, o, o,	,					ndwater 19.15.29		\ 0, 0,	, o, o,
			10 mg/kg				50 mg/kg			1000 mg/kg		2500 mg/kg	20000 mg/kg
			3, 5			<u>l</u> Confirmation	Base Sample	·S				, J.	3, 3, 5
	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2090	2090	497	2587	240
CS-1	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	34.5	34.5	<10.0	34.5	160
	7/19/2023	2.5'	<0.050	<0.050	<0.050 <0.050	<0.150	<0.300	<10.0	926	926	170	1096	400
CS-2	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	379	379	73	4 52	112
CS-3	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	7/19/2023	2.5'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2140	2140	599	2739	704
CS-4	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	422	422	64	486	144
CS-5	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	247	247	47.7	294.7	128
CS-6	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	7/19/2023	2.5'	<0.050	0.170	0.146	0.989	1.31	33.2	1350	1383.2	252	1635.2	48.0
CS-7	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	329	329	108	4 37	80.0
CS-8	8/1/2023	4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	290	290	59.2	349.2	48.0
CS-9	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-10	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	7/19/2023	2.5'	<0.050	0.310	0.374	2.95	3.64	66.9	3580	790	4370	5160	256
CS-11	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-12	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.3	13.3	<10.0	13.3	128
00.40	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	166	166	39.6	205.6	1020
CS-13	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
00.11	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	915	915	183	1098	864
CS-14	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1600
CC 45	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	473	4 73	83.5	556.5	1880
CS-15	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CS-16	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	29.8	29.8	<10.0	29.8	96.0
CS-17	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	436	436	80.9	516.9	1420
C3-1/	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1140
CS-18	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1750	1750	401	2151	1660
C3-10	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-19	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
CS-20	7/19/2023	2.5'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	19.0	19.0	<10.0	19.0	864
C3-20	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
CS-21	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	129	129	18.5	147.5	816
C3-21	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-22	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	638	638	163	801	3040
C3-22	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
CS-23	7/19/2023	2.5'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	912	912	226	1138	2720
C3-23	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1100
CS-24	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832

			D	Talmana	Cab. dhanasa	Vidence	BTEX	000 100		ТРН			Chloride
		Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BIEX	GRO (C6-	DRO (C10- C28)	GRO + DRO	MRO (C28-	Total GRO/DRO/MRO	Chioride
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
		(10 65)	(8,8)	(6,6)	,					ndwater 19.15.29		(6/6/	(6161
			10 mg/kg				50 mg/kg			1000 mg/kg		2500 mg/kg	20000 mg/kg
CS-24	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3800
	7/19/2023	2.5'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	2890	2890	768	3658	960
CS-25	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1070
CS-26	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
	7/19/2023	2.5'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	628	628	142	770	64.0
CS-27	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
CS-28	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	44.9	44.9	<10.0	44.9	224
	7/19/2023	2.5'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	16.9	16.9	<10.0 <10.0	16.9	1800
CS-29	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	672
	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.4	12.4	<10.0	12.4	5200
CS-30	8/4/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	174
	7/19/2023	2.5 <u>'</u>	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.5	25.5	<10.0	25.5	4240
CS-31	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	7/19/2023	2.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	169	169	27.3	196.3	352
CS-32	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	177	177	58.4	235.4	160
	7/19/2023	2.5'	<0.050	< 0.050	<0.050	<0.150 <0.150	<0.300	<10.0	80.5	80.5	15.3	95.8	976
CS-33	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512
CS-34	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	47.4	47.4	<10.0	47.4	592
	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	583	583	239	8 <u>22</u>	4 32
CS-35	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CS-36	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	44.3	44.3	<10.0	44.3	496
	7/19/2023	2.5'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.9	13.9	<10.0	13.9	1300
CS-37	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1150
	7/19/2023	2.5'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1280	1280	381	1661	4800
CS-38	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.7	12.7	<10.0	12.7	864
CS-39	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	57.8	57.8	<10.0	57.8	1570
CS-40	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
CS-41	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	69	69	<10.0	69	448
00.40	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.6	11.6	<10.0	11.6	832
CS-42	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
CS-43	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	33.5	33.5	<10.0	33.5	400
CS-44	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	52.9	52.9	<10.0	52.9	320
66.45	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	< 10.0	<10.0	<10.0	2760
CS-45	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	688
CC 4C	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	56.8	56.8	<10.0	56.8	1810
CS-46	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	912
CC 47	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	77.9	77.9	15.6	93.5	1070
CS-47	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CS-48	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
65.40	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	< 10.0	<10.0	<10.0	880
CS-49	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
CS-50	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2640

										ТРН			
			Benzene	Toluene	Ethvibenzene	Xvlenes	BTEX	GRO (C6-	DRO (C10-		MRO (C28	Total	Chloride
		Depth	Belizelle	Toluelle	Ethylbenzene	Aylelles	DIEX	C10)	C28)	GRO + DRO	C35)	GRO/DRO/MRO	Cilioriae
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
		(11 063)	(g/g/	(6/6/	,					ndwater 19.15.29		(6/6/	(6/8/
			10 mg/kg				50 mg/kg			1000 mg/kg		2500 mg/kg	20000 mg/kg
CS-50	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
	7/19/2023	2.5'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	3360
CS-51	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1340
	7/19/2023	2.5 ¹	<0.030 <0.050	<0.030 <0.050	<0.030 <0.050	<0.130 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	992
CS-52	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6960
	7/19/2023	2.5'	<0.050 <0.050	<0.030 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	52.3	52.3	<10.0 <10.0	52.3	1760
CS-53	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4040
CS-54	7/19/2023	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
C3-34	7/19/2023	2.5'	<0.030 <0.050	<0.030 <0.050	<0.050 <0.050	<0.130 <0.150	<0.300 <0.300	<10.0 <10.0	60.8	60.8	10.5	71.3	976
CS-55	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	975 896
CS-56	7/19/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
CS-56 CS-57	7/19/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.9	14.9	<10.0	14.9	864
CS-58	7/19/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	607	607	231	838	3360
C3-36	7/19/2023	3 <u>1</u>	<0.050 <0.050	<0.030 <0.050	<0.050 <0.050	<0.130 <0.150	<0.300 <0.300	<10.0 <10.0	23.8	23.8	∠10.0	23.8	1720
CS-59	8/1/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.3	31.3	<10.0	31.3	752
	7/19/2023	3 <u>3'</u>	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	31.3 <10.0	<10.0	<10.0 <10.0	31.3 <10.0	2640
CS-60	8/1/2023	5	<0.050				<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	
CC C1		5'		<0.050	<0.050	<0.150		<10.0	11.3	<10.0 11.3		11.3	816 336
CS-61 CS-62	7/19/2023 7/19/2023	5'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0	<10.0	<10.0	<10.0 <10.0	<10.0	1010
CS-62 CS-63	7/19/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
C3-63	7/19/2023 7/19/2023	3 <u>1</u>	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 22.9	<10.0 22.9	<10.0 <10.0	<10.0 22.9	1550
CS-64	8/1/2023	5 '	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720
	7/19/2023		<0.030 <0.050	<0.030 <0.050	<0.050 <0.050	<0.130 <0.150	<0.300 <0.300	<10.0 <10.0	173	173	4 7.9	220.9	336
CS-65	8/1/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	234	234	47.8	274.8	560
	7/19/2023	<u> </u>	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	935	935	221	274.8 1156	864
CS-66	8/1/2023	2 '	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	71.1	71.1	28.4	99.5	1920
C3-00	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	218	218	87.3	305.3	180
CS-67	8/3/2023	4'	<0.0250	<0.0230	<0.0230	<0.0230	<0.0230	<10.0	<10.0	<10.0	<10.0	<10.0	1410
CS-68	8/3/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1020
CS-69	8/3/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2600
CS-70	8/3/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
CS-70 CS-71	8/3/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1440
CS-71 CS-72	8/3/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-72 CS-73	8/3/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-74	8/4/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-75	8/4/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-76	8/4/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-76 CS-77	8/4/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-78	8/4/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.7	11.7	<10.0	11.7	16.0
CS-78 CS-79	8/4/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-79 CS-80	8/4/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	54.9	55.9	17.6	72.5	16.0
CS-80 CS-81	8/30/2023	2'	<0.030	<0.030	<0.030	<0.130	<0.0250	<20.0	26.3	26.3	<50.0	26.3	174
CS-81 CS-82	8/30/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	28.7	28.7	<50.0 <50.0	28.7	183
CS-82 CS-83		2'	<0.0250		<0.0250	<0.0250	<0.0250	<20.0	28.7 <25.0	28.7 <25.0	<50.0 <50.0	28.7 <50.0	183
C3-83	8/30/2023	۷	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	142

										ТРН			
			Benzene	Toluene	Ethylbenzene	Xvlenes	BTEX	GRO (C6-	DRO (C10-		MRO (C28	Total	Chloride
		Depth	Denzene	roidene	Lanyidenzene	Ayiches	DIEX	C10)	C28)	GRO + DRO	C35)	GRO/DRO/MRO	Cinoriae
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
		(It bgs)	(8)8)	(8/8/						ndwater 19.15.29		(8787	(8181
			10 mg/kg				50 mg/kg			1000 mg/kg		2500 mg/kg	20000 mg/kg
CS-84	8/30/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	202
CS-85	8/30/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	179
CS-86	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	202
CS-87	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	25.4	25.4	<50.0	25.4	208
CS-88	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	169
CS-89	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	26.5	26.5	<50.0	26.5	201
CS-90	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	27.6	27.6	<50.0	27.6	194
CS-91	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	27.7	27.7	<50.0	27.7	192
CS-92	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	26.4	26.4	<50.0	26.4	192
CS-93	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	30	30	<50.0	30	167
CS-94	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	159
CS-95	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	36.4	36.4	<50.0	36.4	205
CS-96	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	197
CS-97	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
CS-98	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	137
CS-99	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	149
CS-100	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	425
CS-101	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	328
CS-102	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	470
CS-103	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	23.3
CS-104	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	105
CS-105	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	35.5	35.5	<50.0	35.5	199
CS-106	8/30/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	157
					Co	onfirmation S	Sidewall Samp	les					
SW-1	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	4 170	4 170	1440	5610	1220
SW-1A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1220
SW-1B	8/30/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	213
SW-2	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	115	115	29.0	144	64.0
SW-2A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.3	14.3	<10.0	14.3	128
SW-3	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.0	16.0	<10.0	16.0	144
SW-4	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.8	20.8	<10.0	20.8	240
SW 5	7/19/2023	0 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	235	235	36.2	271.2	4 8.0
SW-5A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-6	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	288	288	108	396	240
SW-6A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-7	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	210	210	56. 4	266.4	1120
SW-7A	8/1/2023	0-4'	<0.050	<0.050	< 0.050	< 0.150	<0.300	< 10.0	< 10.0	< 10.0	<10.0	<10.0	1420
SW-7B	8/30/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	37.9	37.9	<50.0	37.9	172
SW-8	7/19/2023	0 - 2.5'	<0.050	<0.050	< 0.050	< 0.150	<0.300	<10.0	2460	2460	595	3055	4320
SW-8A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-9	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150 0.150	<0.300	<10.0	799	799	271	1070	2320
SW-9A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW 10	7/19/2023	0 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	138	138	79.7	217.7	1220
SW-10A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544

										TPH			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6	DRO (C10-	GRO + DRO	MRO (C28-	Total	Chloride
Sample ID	Sample Date	Depth						C10)	C28)	GRO : DRO	C35)	GRO/DRO/MRO	
Salliple ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					T	able I Closur	e Criteria for S	oil >100 feet	Depth to Grou	ndwater 19.15.29	9 NMAC		
			10 mg/kg				50 mg/kg			1000 mg/kg		2500 mg/kg	20000 mg/kg
SW-11	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	488	488	187	675	4720
SW-11A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
SW-12	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	349	349	124	473	1490
SW-12A	8/1/2023	0-4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-13	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	19.9	3790	3809.9	769	4578.9	7400
SW 13A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	912
SW-13B	8/30/2023	0-4'	<0.0250	< 0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	186
SW-14	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	42.5	42.5	16.1	58.6	192
SW-15	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	212	212	52	264	3160
SW-15A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4040
SW-15B	8/30/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	198
SW-16	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	104	104	4 5.6	149.6	352
SW-16A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	656
SW-16B	8/30/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	167
SW-17	7/19/2023	0 - 2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	3610	3610	970	4 580	8800
SW-17A	8/1/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1840
SW-17B	8/30/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	32.7	32.7	<50.0	32.7	192
SW 18	7/19/2023	0 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	71.5	71.5	25.1	96.6	1440
SW 18A	8/1/2023	0 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	62 4
SW-18B	8/30/2023	0-5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	29.1	29.1	<50.0	29.1	199
SW-19	7/19/2023	0 - 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	96	96	35.5	131.5	1070
SW-19A	8/1/2023	0 - 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
SW-20	7/19/2023	0 - 1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	44 9	44 9	195	644	752
SW-20A	8/1/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.8	12.8	<10.0	12.8	1170
SW-20B	8/30/2023	0-5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	27.7	27.7	<50.0	27.7	192
SW-21	7/19/2023	0 - 3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2030	2030	670	2700	3360
SW-21A	8/1/2023	0 - 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.3	37.3	<10.0	37.3	576
SW-22	7/19/2023	2.5 - 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
SW-23	7/19/2023	3-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.2	20.2	<10.0	20.2	656
SW-24	7/19/2023	1-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	800	800	270	1070	1180
SW 24A	8/1/2023	2 5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736
SW 25	7/19/2023	1 3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1150	1150	330	1480	480
SW-26	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1120
SW-27	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2760
SW-28	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.6	16.6	<10.0	16.6	3920
SW-29	8/3/2023	0-4'	<0.050	0.682	0.860	7.76	9.31	380	5840	6220	1120	7340	496
SW-30	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	11.9	641	652.9	175	827.9	672
SW-31	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.5	10.5	<10.0	10.5	6000
SW-32	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	587	587	174	761	2400
SW-33	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1710
SW-34	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	39.2	39.2	<10.0	39.2	2000
SW-35	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4000
SW-36	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1550
SW-37	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	163	163	36.1	199.1	784

										TPH			
		Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6- C10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Ta	able I Closur	e Criteria for S	oil >100 feet	Depth to Grou	ndwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg			1000 mg/kg		2500 mg/kg	20000 mg/kg
SW-38	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2280
SW-39	8/3/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1760
SW-40	8/3/2023	0-2'	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-41	8/3/2023	0-2'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-42	8/30/2023	0-2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	190
SW-43	8/4/2023	0.5-2'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-44	8/4/2023	0-0.5'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-45	8/4/2023	0-0.5'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-46	8/4/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-47	8/30/2023	0-5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	30.7
SW-48	8/30/2023	0-5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	39.5

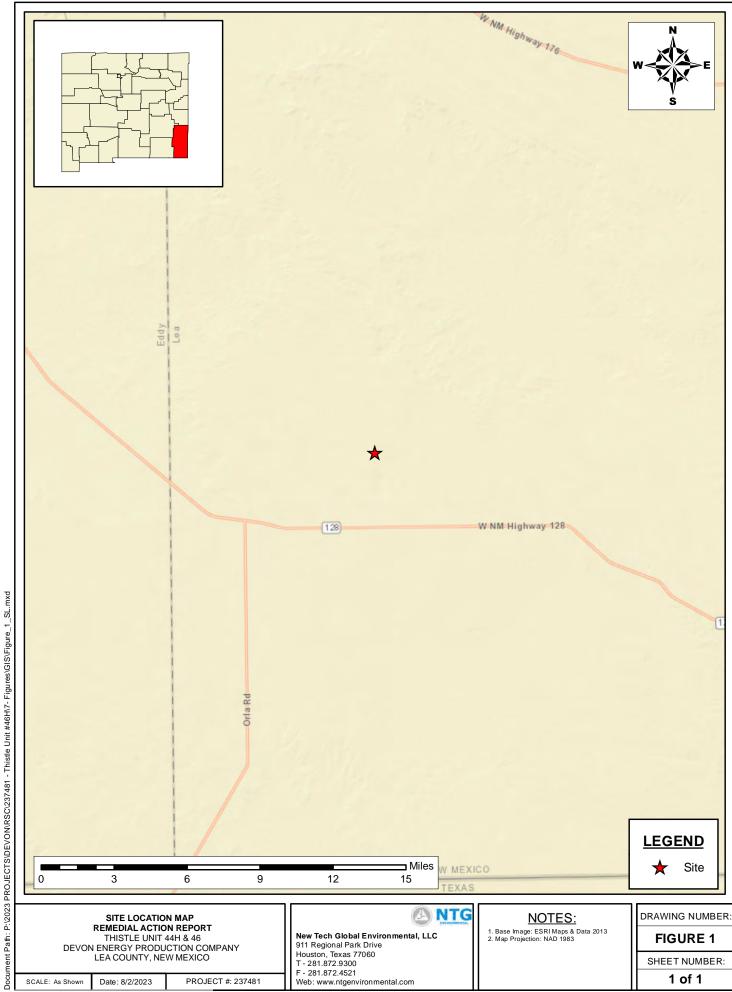
Notes:

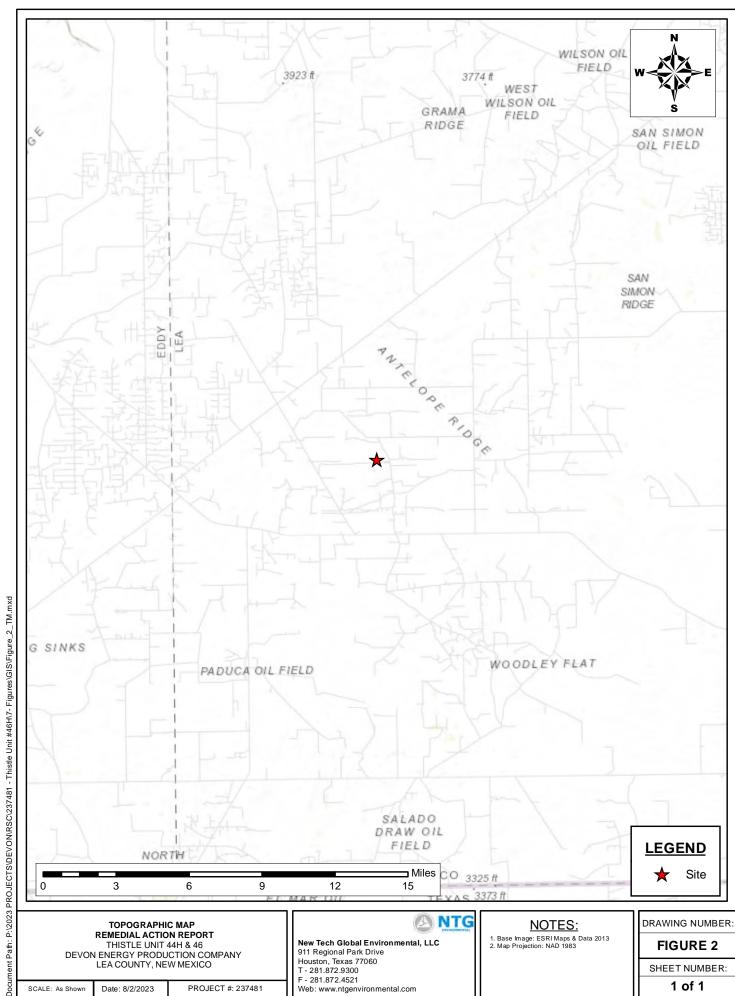
- 1. Values reported in mg/kg
- 2.< = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B

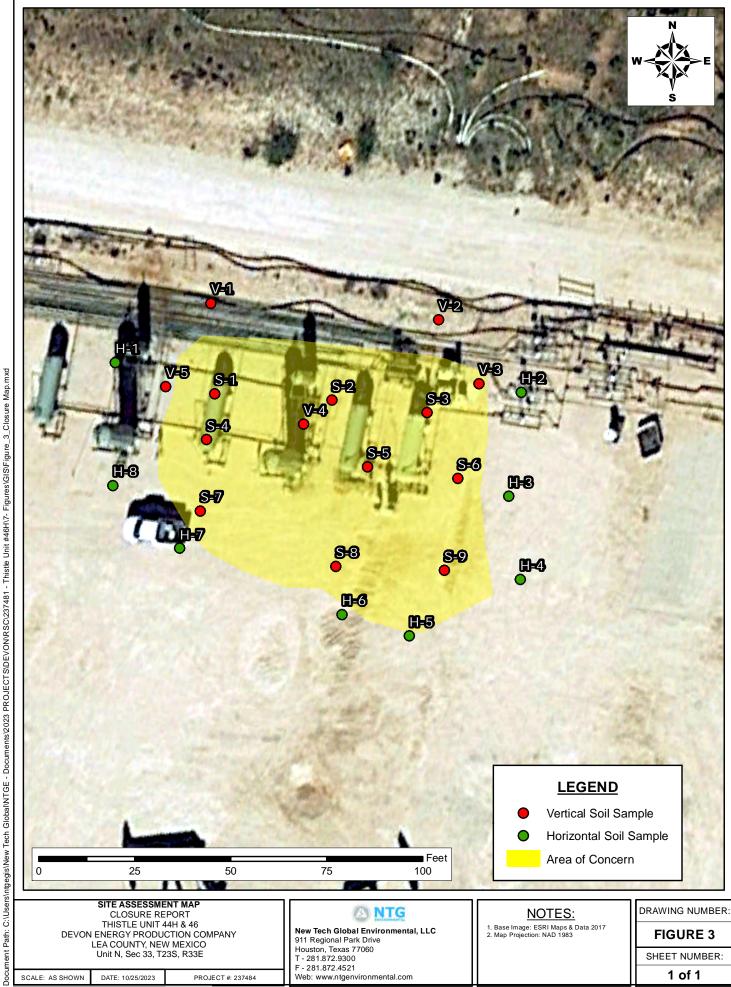
Sample Point Excavated

- 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







T - 281.872.9300

F - 281.872.4521 Web: www.ntgenvironmental.com

SCALE: AS SHOWN DATE: 10/25/2023

Released to Imaging: 2/19/2024 3:33:49 PM

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

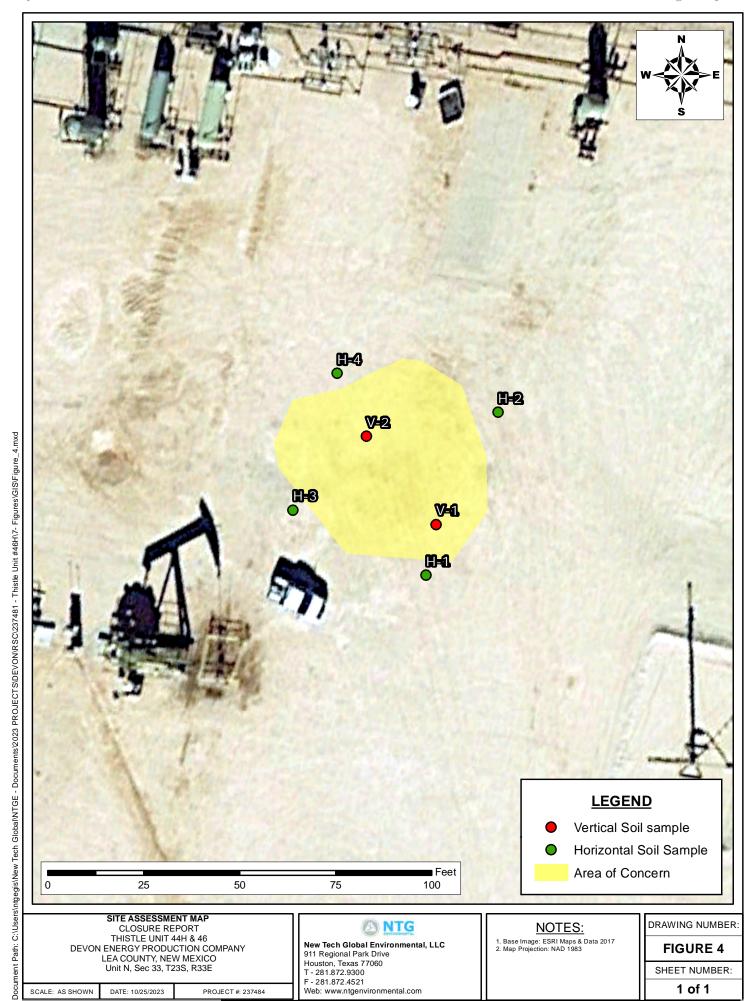
FIGURE 3

SHEET NUMBER:

1 of 1

PROJECT #: 237484

1 of 1



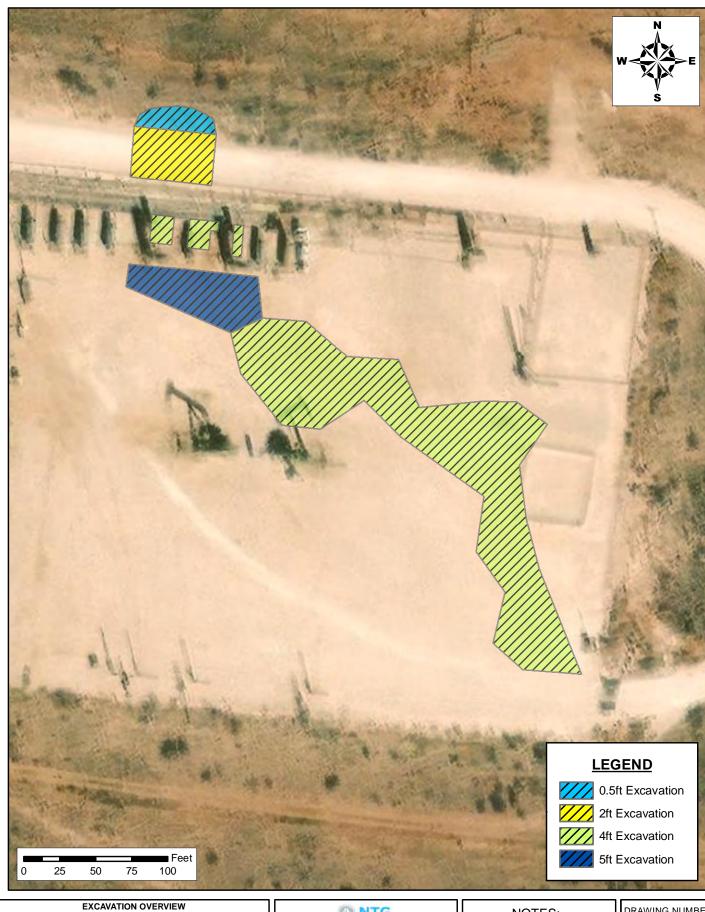
F - 281.872.4521 Web: www.ntgenvironmental.com

Released to Imaging: 2/19/2024 3:33:49 PM

DATE: 10/25/2023

PROJECT #: 237484

SCALE: AS SHOWN



EXCAVATION OVERVIEW

CLOSURE REPORT

THISTLE UNIT 44H & 46

DEVON ENERGY PRODUCTION COMPANY
LEA COUNTY, NEW MEXICO
Unit N, Sec 33, T23S, R33E

PROJECT #: 237484

DATE: 10/25/2023

A NTG

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:

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

DRAWING NUMBER:

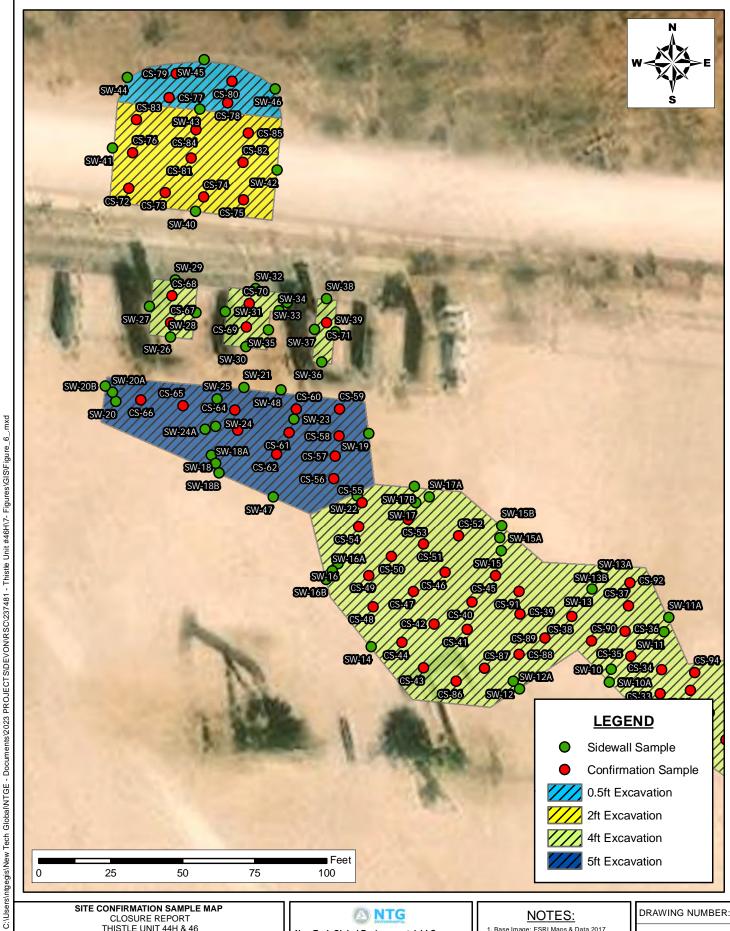
FIGURE 5

SHEET NUMBER:

1 of 1

SCALE: AS SHOWN

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVON\RSC\237481 - Thiste Unit #46H\7- Figure_5_0-overview.mxd



CLOSURE REPORT

THISTLE UNIT 44H & 46
DEVON ENERGY PRODUCTION COMPANY
LEA COUNTY, NEW MEXICO Unit N, Sec 33, T23S, R33E

PROJECT #: 237484

DATE: 10/25/2023

A NTG

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

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

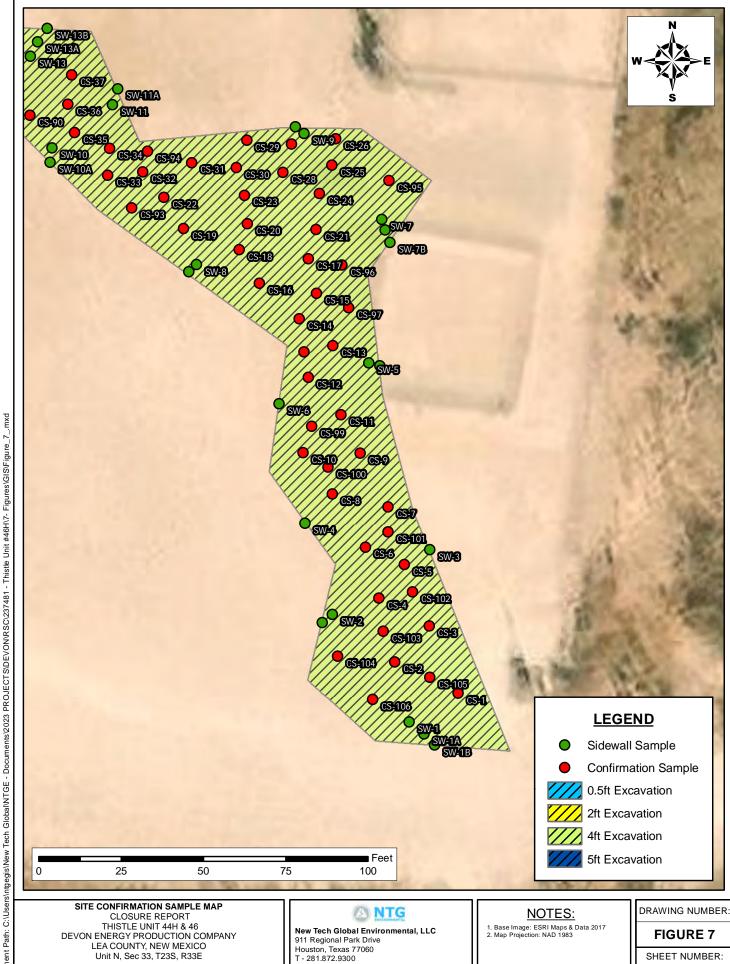
FIGURE 6

SHEET NUMBER:

1 of 1

SCALE: AS SHOWN

ent Path:



911 Regional Park Drive Houston, Texas 77060

F - 281.872.4521 Web: www.ntgenvironmental.com

- 281.872.9300

DATE: 10/25/2023 Released to Imaging: 2/19/2024 3:33:49 PM

SCALE: AS SHOWN

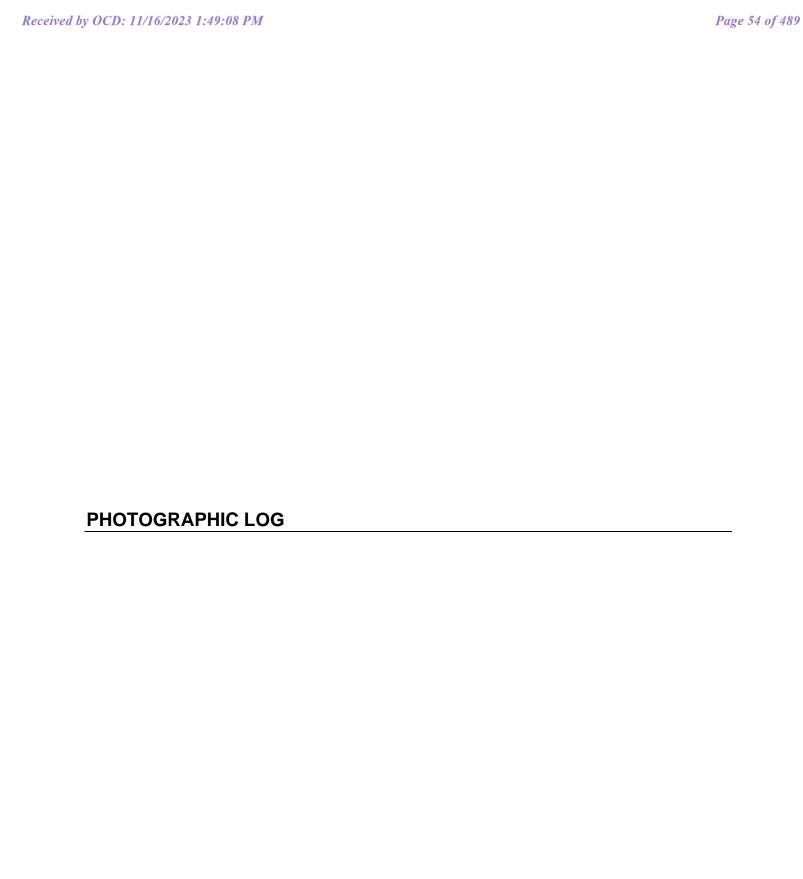
Unit N, Sec 33, T23S, R33E

PROJECT #: 237484

FIGURE 7

SHEET NUMBER:

1 of 1



Devon Energy Production Company

Photograph No. 1

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description: Area of impact.



Photograph No. 2

Facility:

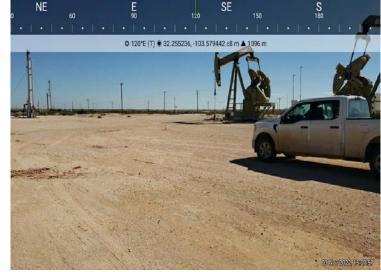
Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

Area of impact.



Photograph No. 3

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

Area of impact.



NTGE Project No. 237481

Devon Energy Production Company

Photograph No. 4

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 5

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 6

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Devon Energy Production Company

Photograph No. 7

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 8

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 9

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Devon Energy Production Company

Photograph No. 10

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 11

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 12

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



NTGE Project No. 237481 Prepared by:

Devon Energy Production Company

Photograph No. 13

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 14

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 15

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Devon Energy Production Company

Photograph No. 16

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Photograph No. 17

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



Received by OCD: 11/16/2023 1:49:08 PM	Page 61 of 489
LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS	

Kellan Smith

From: Ethan Sessums

Sent: Wednesday, November 15, 2023 3:29 PM

To: Kellan Smith

Subject: FW: Sampling Notification

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

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



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From: Ethan Sessums

Sent: Monday, July 17, 2023 9:05 AM

To: Enviro, OCD, EMNRD < OCD.Enviro@emnrd.nm.gov> **Cc:** NTG Env Carlsbad < ntg_env_carlsbad@ntglobal.com>

Subject: Sampling Notification

NTGE on behalf of DEVON will be conducting a confirmation sampling event starting Wednesday the 19th at 12p.m. MDT persisting through the week until Friday the 21st end of business.

Associated Incidents:

NAPP2201362323	Thistle Unit 44H CTB
nAPP2314547818	Thistle Unit 46
nAPP2301125598	Mesquite Booster Line

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

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



Kellan Smith

From: Ethan Sessums

Sent: Wednesday, November 15, 2023 3:29 PM

To: Kellan Smith

Subject: FW: [EXTERNAL] Sampling Notification

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

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



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From: Ethan Sessums

Sent: Friday, July 28, 2023 1:33 PM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Subject: RE: [EXTERNAL] Sampling Notification

Thank you!

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/



From: Wells, Shelly, EMNRD < Shelly.Wells@emnrd.nm.gov>

Sent: Friday, July 28, 2023 1:32 PM

To: Ethan Sessums < ESessums@ntglobal.com>

Cc: Bratcher, Michael, EMNRD < mike.bratcher@emnrd.nm.gov >; Velez, Nelson, EMNRD < Nelson.Velez@emnrd.nm.gov >

Subject: RE: [EXTERNAL] Sampling Notification

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Hi Ethan,

Notification requirements are **two business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to ensure inclusion in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced Administrative Permitting Program EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520|Shelly.Wells@emnrd.nm.govhttp://www.emnrd.state.nm.us/OCD/

From: Ethan Sessums < ESessums@ntglobal.com>

Sent: Friday, July 28, 2023 12:59 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Subject: [EXTERNAL] Sampling Notification

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

NTGE on behalf of DEVON will be conducting a confirmation sampling event starting Tuesday the 1st at 12p.m. MDT persisting through the week until Friday the 4th end of business.

Associated Incidents:

NAPP2201362323	Thistle Unit 44H CTB
nAPP2314547818	Thistle Unit 46
nAPP2301125598	Mesquite Booster Line

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

Email: esessums@ntglobal.com

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

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Kellan Smith

From: Ethan Sessums

Sent: Wednesday, November 15, 2023 3:28 PM

To: Kellan Smith

Subject: FW: Sampling Notification

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

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



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From: Ethan Sessums < ESessums@ntglobal.com>

Sent: Sunday, August 27, 2023 2:01 PM

To: NTG Env Carlsbad < ntg env carlsbad@ntglobal.com >

Subject: Fwd: Sampling Notification

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

Email: esessums@ntglobal.com

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

From: Ethan Sessums

Sent: Sunday, August 27, 2023 2:01:12 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Subject: Sampling Notification

NTGE on behalf of DEVON will be conducting a confirmation sampling event starting Wednesday the 30th at or around 10 a.m. MDT persisting throughout the week until Friday the 1st end of business.

Associated Incidents:

NAPP2201362323	Thistle Unit 44H CTB
nAPP2314547818	Thistle Unit 46
nAPP2301125598	Mesquite Booster Line

Ethan Sessums Project Manager NTGE New Mexico 209 W McKay St. Carlsbad, NM 88220

M: (254)-266-5456 W: (432)-701-2159

Email: esessums@ntglobal.com

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



November 11, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT 44H CTB

Enclosed are the results of analyses for samples received by the laboratory on 11/04/22 10:48.

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Applyand By 14

Received: 11/04/2022 Reported: 11/11/2022

226502

Project Name: THISTLE UNIT 44H CTB

Project Number:

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: S - 1 (0-1') (H225225-01)

DTEV 0021D

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	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	11/07/2022	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	11/08/2022	ND	203	102	200	0.823	
DRO >C10-C28*	2240	10.0	11/08/2022	ND	205	103	200	3.22	QM-07
EXT DRO >C28-C36	858	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	155	% 46.3-17	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: S - 1 (1-1.5') (H225225-02)

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	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	11/07/2022	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	11/08/2022	ND	203	102	200	0.823	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	205	103	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	89.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.3	% 46.3-17	78						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sample ID: S - 1 (2-2.5') (H225225-03)

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	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	11/07/2022	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	11/08/2022	ND	203	102	200	0.823	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	205	103	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	94.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 9	% 46.3-17	8						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Applyzod By: 14

11/04/2022 11/11/2022 Sampling Date: 11/04/2022

Reported: Project Name:

THISTLE UNIT 44H CTB

Sampling Type: Soil
Sampling Condition: Cool & Intact

Project Number:

Received:

RTFY 8021R

226502

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Location:

DEVON - LEA CO., NM

Sample ID: S - 1 (3-3.5') (H225225-04)

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	0.823	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	205	103	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	95.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	78						

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Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022

11/11/2022 THISTLE UNIT 44H CTB

Project Name: THISTLI Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: S - 1 (4-4.5') (H225225-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	0.823	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	205	103	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	95.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: 226502 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: S - 1 (5-5.5') (H225225-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	0.823	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	205	103	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	96.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: 226502 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: S - 2 (0-1') (H225225-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	0.823	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	205	103	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	79.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.9	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022

THISTLE UNIT 44H CTB

Project Name: Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: S - 2 (1-1.5') (H225225-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	99.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109 9	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Reported:

11/11/2022 THISTLE UNIT 44H CTB

Project Name: Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: S - 2 (2-2.5') (H225225-09)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	106 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: S - 2 (3-3.5') (H225225-10)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022

Project Name: THISTLE UNIT 44H CTB

Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: S - 2 (4-4.5') (H225225-11)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	98.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	2% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sample ID: S - 2 (5-5.5') (H225225-12)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	96.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sample ID: S - 3 (0-1') (H225225-13)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	91.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.4	26 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

Sample ID: S - 3 (1-1.5') (H225225-14)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	<i>'8</i>						

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Analytical Results For:

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

Analyzed By: JH

11/04/2022

mg/kg

Reported: 11/11/2022

Project Name: THISTLE UNIT 44H CTB

Project Number: 226502

Received:

BTEX 8021B

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: S - 3 (2-2.5') (H225225-15)

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.8	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: S - 3 (3-3.5') (H225225-16)

BTEX 8021B

	9,	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.83	91.7	2.00	1.35	
Toluene*	<0.050	0.050	11/10/2022	ND	2.03	101	2.00	3.08	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.92	96.1	2.00	2.97	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	5.75	95.9	6.00	3.51	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	90.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.9	% 46.3-17	8						

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11/04/2022

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022

11/04/2022Sampling Date:11/11/2022Sampling Type:THISTLE UNIT 44H CTBSampling Condition:

Applyzod By: 14

Sample Received By:

Project Name: THISTLI Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sample ID: S - 3 (4-4.5') (H225225-17)

RTFY 8021R

BIEX 8021B	mg/	кд	Analyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	89.9	% 45.3-16	1						

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Surrogate: 1-Chlorooctadecane

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

98.5 %

46.3-178



Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: 226502 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: S - 3 (5-5.5') (H225225-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 9	6 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022

Sampling Date: Sampling Type:

11/04/2022 Soil

Reported: Project Name: 11/11/2022 THISTLE UNIT 44H CTB

Sampling Condition:

Cool & Intact

Project Number:

226502

Sample Received By:

Tamara Oldaker

Project Location:

DEVON - LEA CO., NM

Sample ID: S - 4 (0-1') (H225225-19)

BTEX 8021B	mg/	kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/11/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	143 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	11/07/2022	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	83.1	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	5980	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	1030	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	142 %	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 %	6 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

Sample ID: S - 4 (1-1.5') (H225225-20)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	203	102	200	11.5	
DRO >C10-C28*	21.3	10.0	11/09/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	99.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	<i>'8</i>						

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Analytical Results For:

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

Analyzed By: JH

Received: 11/04/2022 Reported: 11/11/2022

THISTLE UNIT 44H CTB

mg/kg

Project Name: THISTLI Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: S - 4 (2-2.5') (H225225-21)

BTEX 8021B

DILX GOZID	iiig/	, kg	Alldiyac	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	97.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

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Analytical Results For:

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

11/04/2022 11/11/2022

Sampling Type: Soil

Sampling Date:

Project Name:

Received:

Reported:

THISTLE UNIT 44H CTB

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

11/04/2022

Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sample ID: S - 4 (3-3.5') (H225225-22)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.9	% 69.9-14	0						
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	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	92.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.6	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

Sample ID: S - 4 (4-4.5') (H225225-23)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.5	% 69.9-14	0						
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	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	95.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	78						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

Sample ID: S - 4 (5-5.5') (H225225-24)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	102	200	11.5	
DRO >C10-C28*	13.9	10.0	11/08/2022	ND	203	101	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	97.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	78						

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Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: S - 5 (0-1') (H225225-25)

Analyte Result Reporting Limit Analyzed Method Blank BS Benzene* <0.050 0.050 11/10/2022 ND 1.95 Toluene* <0.050 0.050 11/10/2022 ND 2.05 Ethylbenzene* <0.050 0.050 11/10/2022 ND 2.00	% Recovery 97.6 102 99.9 101	True Value QC 2.00 2.00 2.00	RPD 2.59 1.04	Qualifier
Toluene* <0.050 0.050 11/10/2022 ND 2.05	102 99.9	2.00		
• •	99.9		1.04	
Ethylbenzene* <0.050 0.050 11/10/2022 ND 2.00		2.00		
	101		2.36	
Total Xylenes* <0.150 0.150 11/10/2022 ND 6.07		6.00	2.34	
Total BTEX <0.300 0.300 11/10/2022 ND				
Surrogate: 4-Bromofluorobenzene (PID 88.1 % 69.9-140				
Chloride, SM4500Cl-B mg/kg Analyzed By: GM				
Analyte Result Reporting Limit Analyzed Method Blank BS	% Recovery	True Value QC	RPD	Qualifier
Chloride 768 16.0 11/08/2022 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 11/08/2022 ND 203	102	200	11.5	
DRO >C10-C28* <10.0 10.0 11/08/2022 ND 203	101	200	5.26	
EXT DRO >C28-C36 <10.0 10.0 11/08/2022 ND				
Surrogate: 1-Chlorooctane 90.5 % 45.3-161				
Surrogate: 1-Chlorooctadecane 97.4 % 46.3-178				

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11/04/2022

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

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

Received: 11/04/2022 Reported:

11/11/2022 Sampling Type: THISTLE UNIT 44H CTB Sampling Condition:

Sampling Date:

Sample Received By:

Project Name: Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sample ID: S - 5 (1-1.5') (H225225-26)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	101	200	0.918	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	214	107	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	77.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	73.4	% 46.3-17	8						

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Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: S - 5 (2-2.5') (H225225-27)

BTEX 8021B

DILX GOZID	iiig/	ng .	Alldiyac	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	11/08/2022	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	11/08/2022	ND	203	101	200	0.918	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	214	107	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	83.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.7	% 46.3-17	8						

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Analytical Results For:

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

Analyzed By: JH

11/04/2022

mg/kg

Reported: 11/11/2022

Project Name: THISTLE UNIT 44H CTB

Project Number: 226502
Project Location: DEVON - LEA CO., NM

Sampling Date: 11/04/2022

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker

Sample ID: S - 5 (3-3.5') (H225225-28)

Received:

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	97.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

T dz

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

Sample ID: S - 5 (4-4.5') (H225225-29)

BTEX 8021B

DILX GOZID	iiig/	, kg	Alldiyac	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022

THISTLE UNIT 44H CTB

Project Name: THISTLI Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: S - 5 (5-5.5') (H225225-30)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	97.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	78						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: 226502 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: S - 6 (0-1') (H225225-31)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	94.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.1	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: S - 6 (1-1.5') (H225225-32)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	99.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	78						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: S - 6 (2-2.5') (H225225-33)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	97.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sample ID: S - 6 (3-3.5') (H225225-34)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.1	% 69.9-14	0						
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	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	102 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	106 9	6 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

Sample ID: S - 6 (4-4.5') (H225225-35)

BTEX 8021B

				<u> </u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Analytical Results For:

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

11/04/2022 Reported: 11/11/2022

Project Name: THISTLE UNIT 44H CTB

Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: S - 6 (5-5.5') (H225225-36)

Received:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.95	97.6	2.00	2.59	
Toluene*	<0.050	0.050	11/10/2022	ND	2.05	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	2.00	99.9	2.00	2.36	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.07	101	6.00	2.34	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Reported:

11/11/2022 Sampling Type: THISTLE UNIT 44H CTB

Project Name: Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Soil

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

Sample ID: S - 7 (0-1') (H225225-37)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.8	% 69.9-14	0						
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	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	14.7	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	91.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.5	% 46.3-17	8						

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Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

Sample ID: S - 7 (1-1.5') (H225225-38)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	92.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.4	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

Sample ID: S - 7 (2-2.5') (H225225-39)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/08/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	98.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

Sample ID: S - 7 (3-3.5') (H225225-40)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	86.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.7	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: S - 7 (4-4.5') (H225225-41)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	83.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.9	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022

Project Name: THISTLE UNIT 44H CTB

Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: S - 7 (5-5.5') (H225225-42)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	96.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 9	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: 226502 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: S - 8 (0-1') (H225225-43)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	90.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.3	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022

Project Name: THISTLE UNIT 44H CTB

Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: S - 8 (1-1.5') (H225225-44)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	< 0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	81.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.6	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

Sample ID: S - 8 (2-2.5') (H225225-45)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	97.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	78						

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Celey D. Keene



Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022

Project Name: THISTLE UNIT 44H CTB

Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: S - 8 (3-3.5') (H225225-46)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	95.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	46.3-17	8						

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Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: S - 8 (4-4.5') (H225225-47)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	189	94.7	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	195	97.6	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	99.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	78						

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Celey D. Keine



Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022

Project Name: THISTLE UNIT 44H CTB

Project Number: 226502 Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: S - 8 (5-5.5') (H225225-48)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121	% 46.3-17	8						

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Sample Received By:

11/04/2022

Tamara Oldaker

Analytical Results For:

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

Received: 11/04/2022 Sampling Date:

Reported: 11/11/2022 Sampling Type: Soil
Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sample ID: S - 9 (0-1') (H225225-49)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114	% 46.3-17	8						

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Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

Sample ID: S - 9 (1-1.5') (H225225-50)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	96.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	26 46.3-17	8						

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Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: 226502 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: S - 9 (2-2.5') (H225225-51)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	99.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

Sample ID: S - 9 (3-3.5') (H225225-52)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	8						
		70.0 17	~						

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Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: S - 9 (4-4.5') (H225225-53)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1710	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	37.9	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: S - 9 (5-5.5') (H225225-54)

BTEX 8021B

Analyte Result Neporting Limit Analyzed Nethod Blank BS Necovery Recovery True Value QC True Value QC True Value QC ND	DIEX GOZID	mg/	ng .	Andryzo	.u by. 511					
Toluene* <0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* < 0.050	Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Total Xylenes* <0.150 0.150 11/11/2022 ND 5.97 99.5 6.00 2.57 Total BTEX <0.300	Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Total BTEX <0.300 0.300 11/11/2022 ND Surrogate: 4-Bromofluorobenzene (PID 90.2 % 69.9-140 Chloride, SM4500Cl-B mg/ky Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 768 16.0 11/08/2022 ND 416 104 400 0.00 TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 11/08/2022 ND 215 107 200 1.12 DRO >C10-C28* <10.0 11/08/2022 ND 202 101 200 6.12 EXT DRO >C28-C36 <10.0 10.0 11/08/2022 ND 202 101 200 6.12 EXT DRO >C28-C36 <10.0 10.0 11/08/2022 ND </td <td>Ethylbenzene*</td> <td><0.050</td> <td>0.050</td> <td>11/11/2022</td> <td>ND</td> <td>1.95</td> <td>97.3</td> <td>2.00</td> <td>3.27</td> <td></td>	Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Surrogate: 4-Bromofluorobenzene (PID 90.2 % 69.9-140 Chloride, SM4500Cl-B mg/ky Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 768 16.0 11/08/2022 ND 416 104 400 0.00 TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Chloride, SM4500Cl-B mg/ky Analyzed By: GM Analyte Result Reporting Limit Reporting Limit Analyzed Method Blank BS Recovery RPD Method Blank BS Recovery RPD True Value QC RPD Chloride 768 16.0 11/08/2022 ND 416 104 400 0.00 104 400 0.00 TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Reporting Limit Analyzed Method Blank BS Recovery True Value QC RPD RPD GRO C6-C10* <10.0 10.0 11/08/2022 ND 215 107 200 1.12	Total BTEX	<0.300	0.300	11/11/2022	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 768 16.0 11/08/2022 ND 416 104 400 0.00 TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* < 10.0 10.0 11/08/2022 ND 215 107 200 1.12 DRO >C10-C28* < 10.0 10.0 11/08/2022 ND 202 101 200 6.12 EXT DRO >C28-C36 < 10.0 10.0 11/08/2022 ND Surrogate: 1-Chlorooctane 102 % 45.3-161	Surrogate: 4-Bromofluorobenzene (PID	90.2	% 69.9-14	0						
Chloride 768 16.0 11/08/2022 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 GRO C6-C10* <10.0	Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 11/08/2022 ND 215 107 200 1.12 DRO >C10-C28* <10.0 10.0 11/08/2022 ND 202 101 200 6.12 EXT DRO >C28-C36 <10.0 10.0 11/08/2022 ND Surrogate: 1-Chlorooctane 102 % 45.3-161	Chloride	768	16.0	11/08/2022	ND	416	104	400	0.00	
GRO C6-C10* <10.0 10.0 11/08/2022 ND 215 107 200 1.12 DRO >C10-C28* <10.0 10.0 11/08/2022 ND 202 101 200 6.12 EXT DRO >C28-C36 <10.0 10.0 11/08/2022 ND Surrogate: 1-Chlorooctane 102 % 45.3-161	TPH 8015M	mg,	/kg	Analyze	ed By: MS					
DRO >C10-C28*	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 11/08/2022 ND Surrogate: 1-Chlorooctane 102 % 45.3-161	GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
Surrogate: 1-Chlorooctane 102 % 45.3-161	DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
	EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctadecane 119 % 46.3-178	Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
	Surrogate: 1-Chlorooctadecane	119	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Project Number: 226502 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: H - 1 (H225225-55)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	95.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	6 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: H - 2 (H225225-56)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.90	95.2	2.00	2.00	
Toluene*	<0.050	0.050	11/11/2022	ND	2.01	101	2.00	2.98	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.95	97.3	2.00	3.27	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.97	99.5	6.00	2.57	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Project Number: 226502 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: H - 3 (H225225-57)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	<0.050	0.050	11/10/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	93.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	6 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022

THISTLE UNIT 44H CTB

Project Name: Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: H - 4 (H225225-58)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	<0.050	0.050	11/10/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	93.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	6 46.3-17	8						

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Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: H - 5 (H225225-59)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	<0.050	0.050	11/10/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/08/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	92.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	78						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: H - 6 (H225225-60)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	<0.050	0.050	11/10/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	89.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: H - 7 (H225225-61)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	<0.050	0.050	11/10/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	94.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	78						

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Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: H - 8 (H225225-62)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	<0.050	0.050	11/10/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	215	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	84.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.3	% 46.3-17	8						

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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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Project Manager: Ethan Sessums	sums)	7
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Date/Time											0	Sample Comments	NaOH+Ascorbic Acid: SAPC	laOH: Zn	SO.	BIS		NaOH: Na	HNO. HN	MeOH: Me	DI Water	Preservative Codes	Other:	RP Level IV		CKC _uperfund			of I		2525		
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Seals:	TRONMENTAL Than Sessums TG Environmenta 22 E Wood Ave arlsbad, NM 8822 54-266-5456 Temp Blat Yes No Yes No Yes No	Po Due D TAT si lati Ves Mo Wet Thermometer ID: Correction Factor: Temperature Read	Bill to: (if different) Company Name Address: City, State ZIP: Email: Wesley, Mathe Turn Around Turn Around PRoutine Rush Due Date: TAT starts the day received by 4:30pm Wet Ice: Yesy No ter ID: 1/3 Factor: -0/6 c		Parameters Wesley Mathews Devon Energy 6488 Seven Rivers Highwa Artesia, NM 88210 Code Artesia, NM 88210	BTEX 8021B Devon Energy Artesia, NM 88210 Om Chloride 4500	hloride 4500 A 88210		Programment State Report Repor	Work Ord Work Wo	Page Page Page Work Order Comments PRP Brownfields RRC PRP Brownfields RRC Other. Preserva None: NO Cool: Cool H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS PRP NaHSO ₄ : NASO ₆ : NASO ₆ Na ₂ S ₂ O ₄ : NASO ₆	Page 3 of 7 Page 3 of 7 Comments MillST TRRP Level IV Preservative Codes None: NO DI Water: H ₂ O Cool: Cool MeOH: Me H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ S ₃ : NASO ₄
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SAMPLE RECEIPT Received Intact: Cooler Custody Seals: Sample Custody Seals: Total Containers:	Yes No	Yes NO Wet Ice: Thermometer ID: Correction Factor: Temperature Reading: Corrected Temperature:	To starts the day relab, if received by Vet Ice: D: tor: leading:	yes No	Parameters BTEX 8021B	1 8015M (GRO + DRO + MRO	Chloride 4500					HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn
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Address: City, State ZIP:

Artesia, NM 88210 6488 Seven Rivers Highway

State of Project:

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Company Name:

Devon Energy

NIG Environmental		Project Manager: Ethan Sessums	3	ENVIRONMENTA	S S S S S S S S S S S S S S S S S S S	39 of 4
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		The state of the s	1/1	h sample submitted to	order from client comp									Comp	Water Grab	-20°	-1,40	-0.60		YAS) No	lab, if received by 4:30pm			Rush	Turn Around	Email: Wesley.Mathews@dvn.com	City, State ZIP:
0	Tec 1018.	200	Date/Time	Xenco, but not analyzed. These	any to Xenco, its affiliates and s										Cont # of	8015	М (EX 8	021	RO+		0)	code	Pres.		s@dvn.com	Artesia, NM 88210
			Relinguished by: (Signature)	Relinguished by 10:3	service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or excenses incurred by the client form. It assigns standard terms and conditions it xence. A minimum charge of \$85.00 will be cost of samples and shall not assume any responsibility for any losses or excenses incurred by the client if																			STORE OF STREET	ANAI YSIS DE		10
		Received by: (Signature)		es beyond the control usly negotiated.	erms and conditions																			COESI	OHEST	Deliverables: EDD	Reporting:Level III Level III DST/LIST
		ignature)												Sam	MACHANS	Zn Acetate	H Na ₂ S ₂ O ₃ ; NaSO ₃	NaHSO ₄ : NABIS	H₃PO₄; HP	H ₂ S0 ₄ : H ₂	HCL: HC	Cool: Cool	None: NO	Pre	11	Г	
		Date/Time												Sample Comments	NACHTASCOIDIC ACID: SAPC	Zn Acetate+NaOH: Zn	NaSO ₃	NABIS	0				DI Water: H ₂ O	Preservative Codes		Other.	



June 09, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE 46

Enclosed are the results of analyses for samples received by the laboratory on 06/07/23 16:40.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)

Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C

MIDLAND TX, 79706

Project: THISTLE 46
Project Number: 237334

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 09-Jun-23 16:55

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
V - 1 (0-1)	H232922-01	Soil	07-Jun-23 00:00	07-Jun-23 16:40
V - 1 (1-1.5)	H232922-02	Soil	07-Jun-23 00:00	07-Jun-23 16:40
V - 1 (2-2.5)	H232922-03	Soil	07-Jun-23 00:00	07-Jun-23 16:40
V - 1 (3-3.5)	H232922-04	Soil	07-Jun-23 00:00	07-Jun-23 16:40
V - 2 (0-1)	H232922-05	Soil	07-Jun-23 00:00	07-Jun-23 16:40
V - 2 (1-1.5)	H232922-06	Soil	07-Jun-23 00:00	07-Jun-23 16:40
V - 2 (2-2.5)	H232922-07	Soil	07-Jun-23 00:00	07-Jun-23 16:40
H - 1	H232922-08	Soil	07-Jun-23 00:00	07-Jun-23 16:40
H - 2	H232922-09	Soil	07-Jun-23 00:00	07-Jun-23 16:40
H - 3	H232922-10	Soil	07-Jun-23 00:00	07-Jun-23 16:40
H - 4	H232922-11	Soil	07-Jun-23 00:00	07-Jun-23 16:40

06/09/23 - Client changed the project name (see COC). This is the revised report and will replace the one sent on 06/08/23.

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

V - 1 (0-1) H232922-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	1220		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds I	oy EPA Method	8021								
Benzene*	9.17		2.00	mg/kg	2000	3060801	MS	08-Jun-23	8021B	
Toluene*	155		2.00	mg/kg	2000	3060801	MS	08-Jun-23	8021B	
Ethylbenzene*	64.3		2.00	mg/kg	2000	3060801	MS	08-Jun-23	8021B	
Total Xylenes*	252		6.00	mg/kg	2000	3060801	MS	08-Jun-23	8021B	
Total BTEX	480		12.0	mg/kg	2000	3060801	MS	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		125 %	71.5	-134	3060801	MS	08-Jun-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-04
GRO C6-C10*	3860		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
DRO >C10-C28*	8820		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	1320		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			513 %	48.2-	-134	3060805	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			280 %	49.1	-148	3060805	MS	08-Jun-23	8015B	

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

V - 1 (1-1.5) H232922-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	1520		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds I	oy EPA Method	8021								S-04
Benzene*	0.623		0.200	mg/kg	200	3060801	MS	08-Jun-23	8021B	
Toluene*	14.1		0.200	mg/kg	200	3060801	MS	08-Jun-23	8021B	
Ethylbenzene*	9.27		0.200	mg/kg	200	3060801	MS	08-Jun-23	8021B	
Total Xylenes*	40.2		0.600	mg/kg	200	3060801	MS	08-Jun-23	8021B	
Total BTEX	64.2		1.20	mg/kg	200	3060801	MS	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		159 %	71.5	-134	3060801	MS	08-Jun-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-04
GRO C6-C10*	607		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
DRO >C10-C28*	4030		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	689		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			140 %	48.2	-134	3060805	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			149 %	49.1	-148	3060805	MS	08-Jun-23	8015B	

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Celeg D. Keene



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 09-Jun-23 16:55

V - 1 (2-2.5) H232922-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	448		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		106 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
DRO >C10-C28*	38.4		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	12.0		10.0	mg/kg	1	3060805	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			90.5 %	48.2	-134	3060805	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			96.9 %	49.1	-148	3060805	MS	08-Jun-23	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

Reported:



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

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

09-Jun-23 16:55

Fax To:

V - 1 (3-3.5) H232922-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		107 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2	-134	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			106 %	49.1	-148	3060806	MS	08-Jun-23	8015B	

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

V - 2 (0-1) H232922-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	10000		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		112 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
DRO >C10-C28*	627		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	125		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			118 %	48.2	-134	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			142 %	49.1	-148	3060806	MS	08-Jun-23	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 09-Jun-23 16:55

V - 2 (1-1.5) H232922-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	960		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		110 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
DRO >C10-C28*	75.7		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	52.3		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			109 %	48.2	-134	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			118 %	49.1	-148	3060806	MS	08-Jun-23	8015B	

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

V - 2 (2-2.5) H232922-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		111 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			112 %	48.2	-134	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			114 %	49.1	-148	3060806	MS	08-Jun-23	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

H - 1 H232922-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	176		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds l	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		111 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by C	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			94.4 %	48.2	-134	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			96.5 %	49.1	-148	3060806	MS	08-Jun-23	8015B	

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

H - 2 H232922-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	352		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		110 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			117 %	48.2	-134	3060806	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			125 %	49.1	-148	3060806	MS	08-Jun-23	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

H - 3 H232922-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		107 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060807	MS	08-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060807	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060807	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			90.5 %	48.2	-134	3060807	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			90.9 %	49.1	-148	3060807	MS	08-Jun-23	8015B	

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

H - 4 H232922-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	3060822	AC	08-Jun-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3060802	JH/	08-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		107 %	71.5	-134	3060802	JH/	08-Jun-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060807	MS	08-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060807	MS	08-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060807	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2	-134	3060807	MS	08-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			112 %	49.1	-148	3060807	MS	08-Jun-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 09-Jun-23 16:55

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3060822 - 1:4 DI Water										
Blank (3060822-BLK1)				Prepared &	દે Analyzed:	08-Jun-23				
Chloride	ND	16.0	mg/kg							
LCS (3060822-BS1)				Prepared &	k Analyzed:	08-Jun-23				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3060822-BSD1)				Prepared &	k Analyzed:	08-Jun-23				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334

Reported: 09-Jun-23 16:55

Project Manager: ETHAN SESSUMS

Fax To:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3060801 - Volatiles										

Blank (3060801-BLK1)				Prepared & Analy	yzed: 08-Jun-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)	0.0519		mg/kg	0.0500	104	71.5-134			
LCS (3060801-BS1)				Prepared & Analy	yzed: 08-Jun-23				
Benzene	2.48	0.050	mg/kg	2.00	124	81.4-118			BS-3
Toluene	2.46	0.050	mg/kg	2.00	123	88.7-121			BS-3
Ethylbenzene	2.40	0.050	mg/kg	2.00	120	86.1-120			
m,p-Xylene	4.93	0.100	mg/kg	4.00	123	88.2-124			
o-Xylene	2.36	0.050	mg/kg	2.00	118	84.9-118			
Total Xylenes	7.29	0.150	mg/kg	6.00	122	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0487		mg/kg	0.0500	97.4	71.5-134			
LCS Dup (3060801-BSD1)				Prepared & Analy	yzed: 08-Jun-23				
Benzene	2.01	0.050	mg/kg	2.00	100	81.4-118	21.0	15.8	QR-04
Toluene	1.99	0.050	mg/kg	2.00	99.7	88.7-121	20.9	15.9	QR-04
Ethylbenzene	1.98	0.050	mg/kg	2.00	98.8	86.1-120	19.4	16	QR-04
m,p-Xylene	4.13	0.100	mg/kg	4.00	103	88.2-124	17.8	16.2	QR-04
o-Xylene	1.95	0.050	mg/kg	2.00	97.6	84.9-118	18.9	16.7	QR-04
Total Xylenes	6.08	0.150	mg/kg	6.00	101	87.3-122	18.1	16.3	QR-04

Batch 3060802 - Volatiles

Surrogate: 4-Bromofluorobenzene (PID)

Blank (3060802-BLK1)			Prepared & Analyzed: 08-Jun-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

mg/kg

0.0509

0.0500

102

71 5-134

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Project: THISTLE 46 Project Number: 237334 Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

%REC

RPD

Fax To:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

0.0533

Spike

0.0500

Source

107

71.5-134

		1 0								
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3060802 - Volatiles										
Blank (3060802-BLK1)				Prepared &	k Analyzed:	08-Jun-23				
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0538		mg/kg	0.0500		108	71.5-134			
LCS (3060802-BS1)				Prepared &	ն Analyzed:	08-Jun-23				
Benzene	2.42	0.050	mg/kg	2.00		121	81.4-118			BS-3
Toluene	2.45	0.050	mg/kg	2.00		122	88.7-121			BS-3
Ethylbenzene	2.35	0.050	mg/kg	2.00		117	86.1-120			
m,p-Xylene	4.93	0.100	mg/kg	4.00		123	88.2-124			
o-Xylene	2.28	0.050	mg/kg	2.00		114	84.9-118			
Total Xylenes	7.22	0.150	mg/kg	6.00		120	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0513		mg/kg	0.0500		103	71.5-134			
LCS Dup (3060802-BSD1)				Prepared &	ե Analyzed:	08-Jun-23				
Benzene	2.17	0.050	mg/kg	2.00		109	81.4-118	10.9	15.8	
Toluene	2.16	0.050	mg/kg	2.00		108	88.7-121	12.2	15.9	
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	86.1-120	11.9	16	
m,p-Xylene	4.41	0.100	mg/kg	4.00		110	88.2-124	11.2	16.2	
o-Xylene	2.05	0.050	mg/kg	2.00		102	84.9-118	10.9	16.7	
Total Xylenes	6.46	0.150	mg/kg	6.00		108	87.3-122	11.1	16.3	

mg/kg

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Celey D. Keine

Surrogate: 4-Bromofluorobenzene (PID)



%REC

Limits

RPD

Analytical Results For:

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

Analyte

Project: THISTLE 46
Project Number: 237334

Reported: 09-Jun-23 16:55

RPD

Limit

Notes

Project Manager: ETHAN SESSUMS

Spike

Level

Source

Result

%REC

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

Blank (3060805-BLK1)				Prepared & Anal	yzed: 08-Jun-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	39.9		mg/kg	49.6	80.6	48.2-134			
Surrogate: 1-Chlorooctadecane	41.3		mg/kg	50.0	82.6	49.1-148			
LCS (3060805-BS1)				Prepared & Anal	yzed: 08-Jun-23				
GRO C6-C10	205	10.0	mg/kg	200	103	78.5-124			
DRO >C10-C28	205	10.0	mg/kg	200	103	72.5-126			
Total TPH C6-C28	411	10.0	mg/kg	400	103	77.6-123			
Surrogate: 1-Chlorooctane	53.6		mg/kg	49.6	108	48.2-134			
Surrogate: 1-Chlorooctadecane	53.6		mg/kg	50.0	107	49.1-148			
LCS Dup (3060805-BSD1)				Prepared & Anal	yzed: 08-Jun-23				
GRO C6-C10	168	10.0	mg/kg	200	84.2	78.5-124	19.8	17.7	QR-04
DRO >C10-C28	173	10.0	mg/kg	200	86.3	72.5-126	17.3	21	
Total TPH C6-C28	341	10.0	mg/kg	400	85.2	77.6-123	18.5	18.5	
Surrogate: 1-Chlorooctane	42.6		mg/kg	49.6	85.9	48.2-134			
Surrogate: 1-Chlorooctadecane	42.5		mg/kg	50.0	85.1	49.1-148			

Batch 3060806 - General Prep - Organics

Blank (3060806-BLK1)				Prepared & Analy	zed: 08-Jun-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	49.6		mg/kg	49.6	100	48.2-134
Surrogate: 1-Chlorooctadecane	51.6		mg/kg	50.0	103	49.1-148

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%REC

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

RPD

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Spike

Source

Reporting

		Reporting		эріке	Source		/0KEC		KFD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3060806 - General Prep - Organics										
LCS (3060806-BS1)				Prepared &	: Analyzed:	08-Jun-23				
GRO C6-C10	177	10.0	mg/kg	200		88.3	78.5-124			
DRO >C10-C28	175	10.0	mg/kg	200		87.6	72.5-126			
Total TPH C6-C28	352	10.0	mg/kg	400		88.0	77.6-123			
Surrogate: 1-Chlorooctane	52.9		mg/kg	49.6		107	48.2-134			
Surrogate: 1-Chlorooctadecane	52.2		mg/kg	50.0		104	49.1-148			
LCS Dup (3060806-BSD1)				Prepared &	: Analyzed:	08-Jun-23				
GRO C6-C10	185	10.0	mg/kg	200		92.5	78.5-124	4.58	17.7	
DRO >C10-C28	185	10.0	mg/kg	200		92.5	72.5-126	5.37	21	
Total TPH C6-C28	370	10.0	mg/kg	400		92.5	77.6-123	4.98	18.5	
Surrogate: 1-Chlorooctane	52.4		mg/kg	49.6		106	48.2-134			
Surrogate: 1-Chlorooctadecane	51.8		mg/kg	50.0		104	49.1-148			
Batch 3060807 - General Prep - Organics										
Blank (3060807-BLK1)				Prepared &	: Analyzed:	08-Jun-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	48.0		mg/kg	49.6		96.8	48.2-134			
Surrogate: 1-Chlorooctadecane	52.8		mg/kg	50.0		106	49.1-148			
LCS (3060807-BS1)				Prepared &	: Analyzed:	08-Jun-23				
GRO C6-C10	190	10.0	mg/kg	200		95.2	78.5-124			
DRO >C10-C28	177	10.0	mg/kg	200		88.6	72.5-126			
Total TPH C6-C28	368	10.0	mg/kg	400		91.9	77.6-123			
Surrogate: 1-Chlorooctane	53.7		mg/kg	49.6		108	48.2-134			
Surrogate: 1-Chlorooctadecane	61.7		mg/kg	50.0		123	49.1-148			

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 aring any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage 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 sur claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



%REC

Limits

48.2-134

49.1-148

RPD

Analytical Results For:

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

Analyte

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

RPD

Limit

Notes

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

52.5

60.2

Spike

Level

49.6

50.0

Source

Result

%REC

106

120

Batch 3060807 - General Prep - Orga	anics								
LCS Dup (3060807-BSD1)				Prepared & Ana	lyzed: 08-Jun-23				
GRO C6-C10	191	10.0	mg/kg	200	95.4	78.5-124	0.208	17.7	
DRO >C10-C28	174	10.0	mg/kg	200	87.2	72.5-126	1.61	21	
Total TPH C6-C28	365	10.0	mg/kg	400	91.3	77.6-123	0.667	18.5	

mg/kg

mg/kg

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Celey D. Keine



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.

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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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 aring any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage 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 sur claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Chain of Custody





City, State ZIP:

254-266-5456

Carlsbad, NM 88220 402 E Wood Ave

City, State ZIP:

Artesia, NM 88210 6488 Seven Rivers Highway

State of Project:

Program: UST/PST PRP Brownfields RRC

uperfund

Work Order Comments

으

Reporting:Level II Level III PST/UST TRRP

☐ Level IV ☐

Devon Energy Wesley Mathews

Bill to: (if different) Company Name:

Company Name:

NTG Environmental

234-200-3430	0400	all a	Email	citali: vvesley.Matnews@dvn.com	news(@ux	VII.COIII			- Co.	AD L	ADdr!
Project Name:	Thistle 22 CTB 2 14	210	Tur	Turn Around					ANALYSIS REQUEST	T	Procerval
Project Number:	237334		Routine	√ Rush	Pres.	- M					rieservative Codes
Project Location	Lea Co. NM		Due Date:	24hr							None: NO
Sampler's Name:	Jordan Tyner		TAT starts the	TAT starts the day received by the	₹		10)				Cool: Cool
PO #:			lab, if rece	lab, if received by 4:30pm			MR				HCL: HC
SAMPLE RECEIPT	Temp Blank:	Yes No	5	Wes No	eters		RO 4	0			H ₂ S0 ₄ : H ₂
Received Intact:	Yes No		eter ID:	111		0211	+ D	450			_
Cooler Custody Seals:	0	Correction Factor.	n Factor:	100	1	_	SRO	ride		OLD	
Sample Custody Seals:	No	Temperat	Temperature Reading:	w.		вт	м (с	Chlo			Na ₂ S ₂ O ₃ : NaSO ₃
	1	2	4	3	1		151	(_	Zn Acetate+NaOH: Zn
otal Containers:	11	Corrected	Corrected Temperature:	a.s.			1 801				NaOH+Ascorbic Acid: SAPC
Sample Identification	Date	Time	Soil	Water Comp	ab/ # of mp Cont	# #	TPI				Sample Comments
V-1 (0-1)	6/7/2023		×	Grab/	ab/ 1	×	×	×			
V-1 (1-1.5)	6/7/2023		×	Grab/	ab/ 1	×	×	×			
V-1 (2-2.5)	6/7/2023		×	Grab/	ab/ 1	×	×	×			
V-1 (3-3.5)	6/7/2023		×	Grab/	ab/ 1	×	×	×			
V-2 (0-1)	6/7/2023		×	Grab/	ab/ 1	×	×	×			
V-2 (1-1.5)	6/7/2023		×	Grab/	b/ 1	×	×	×			
V-2 (2-2.5)	6/7/2023		×	Grab/	b/ 1	×	×	×			
포	6/7/2023		×	Grab/	b/ 1	×	×	×			
H-2	6/7/2023		×	Grab/	b/ 1	×	×	×			
H3	6/7/2023		×	Grab/	b/ 1	×	×	×			
Additional Comments: 4/8/23-Name changed by custome	ents: 16/8/23	5-Nan	re chai	nged by	wee	ster	nes	6.	#		
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It ass 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 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 enforce	relinquishment of sam the cost of samples and will be applied to each	ples constitute d shall not ass project and a c	es a valid purchas ume any responsi charge of \$5 for ea	e order from client ibility for any loss: ach sample submit	t company to es or expens tted to Xenco	o Xenco, it ses incurre o, but not	s affiliates ed by the c analyzed.	s and sub client if s These te	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.	nd conditions and the control gotiated.	
Relinquished by: (Signature)	3)	Received by:	by: (Signature)	1/6	0	Date/Time			Relinquished by: (Signature)	Received by: (Signature)	ure) Date/Time
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Chain of Custody



City, State ZIP:

Carlsbad, NM 88220

Company Name:

NTG Environmental 402 E Wood Ave

Bill to: (if different)
Company Name

Wesley Mathews
Devon Energy

State of Project:

Program: UST/PST PRP Brownfields RRC

uperfund

Work Order Comments

of 2

Reporting:Level II Level III PST/UST DRRP

☐ Level IV ☐

City, State ZIP:

6488 Seven Rivers Highway Artesia, NM 88210

Phone: 25	254-266-5456			Email:	Email: Wesley.Mathews@dvn.com	thews@o	dvn.cor	3						Deli	Deliverables: EDD	s: ED	0	_	ADal	ADaPT	Other:	31.
Project Name:	Thistle:	Thistle 22 CTB 2		Turn	Turn Around		4					ANAL	YSIS F	ANALYSIS REQUEST	51						Preserv	Preservative Codes
Project Number:	23	237334		Routine	✓ Rush	0.30	Pres.							\dashv						Non	None: NO	DI Water: H ₂ O
Project Location	Lea (Lea Co. NM		Due Date:	24hr			-						-	1	1	7	1	1	3	Cool	Moon Mo
Sampler's Name:	Jorda	Jordan Tyner		TAT starts the day received by the	day received by	/ the		RO)	10)					_		_				HO S	HCI - HC	HNO. HN
PO#.				lab, if recei	lab, if received by 4:30pm		S	+ MI	- 1011					_	_					HS	H-SD. H-	NaOH: Na
SAMPLE RECEIPT	Temp Blank:		Yes Mo	Wet Ice:	YES NO	_	eter	DRO	_					_						H D	H.PO. HP	NOO!
Received Intact:	Yes			ter ID:		_		_	_					_					D	Niah	NaHSO - NABIS	Sic
Cooler Custody Seals:	Yes No	ANA	Correction Factor	Factor:	10.6	2		GRO	orid					_	, .				HOL	N C	Nasa Position	0 8
Sample Custody Seals:	- 1	MA	emperatu	Temperature Reading:	e co		_	_						_						70.6	Zn Acetate+NaOH: Zn	DH: Zo
Total Containers:	- 1	(orrected	Temperature:	0.0	1	_	015													MI. Origina . INC	901. 11
- Our Oriminois.			Vollecten	Collected Lettibelatore.	Car.	r		H 80						_					_	NaC	H+Ascorb	NaOH+Ascorbic Acid: SAPC
Sample Identification	cation	Date	Time	Soil	Water Co	Grab/ #	# of Cont	TP				1		+							Sample	Sample Comments
H.4		6/7/2023		×	G		1	×	×					-	1				1	1		
							-															
						+	+	+	+				_	+	T							
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						+	+	+				1	+	+			T		T	T		
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Additiona	Additional Comments:											1										
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	ument and relinquishr	nent of samples	constitute	s a valid purchase me any responsi	e order from clie ibility for any los	ent company	y to Xenc	o, its affi	liates and the client	subcont	actors.	It assig	ıns stand	ard terms	and con	ditions						
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Work Order No: H232922

Page 22 of 22

Report to:
Ethan Sessums



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Thistle Unit #46H

Work Order: E308234

Job Number: 01058-0007

Received: 9/1/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/5/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/5/23

Ethan Sessums 911 Regional Park Dr. Houston, TX 77060

Project Name: Thistle Unit #46H

Workorder: E308234

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: Thistle Unit #46H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #46H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

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Sample Summary

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	Keporteu:
Houston TX, 77060	Project Manager:	Ethan Sessums	09/05/23 15:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-66	E308234-01A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS-81	E308234-02A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS-82	E308234-03A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS-83	E308234-04A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS-84	E308234-05A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS-85	E308234-06A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS-86	E308234-07A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
CS-87	E308234-08A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
CS-88	E308234-09A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
CS-89	E308234-10A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS-90	E308234-11A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS-91	E308234-12A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS-92	E308234-13A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS-93	E308234-14A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS-94	E308234-15A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS-95	E308234-16A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
CS-96	E308234-17A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS-97	E308234-18A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
CS-98	E308234-19A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS-99	E308234-20A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
CS-100	E308234-21A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
CS-101	E308234-22A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
CS-102	E308234-23A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
CS-103	E308234-24A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
CS-104	E308234-25A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
CS-105	E308234-26A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
CS-106	E308234-27A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
SW-1B	E308234-28A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
SW-7B	E308234-29A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
SW-13B	E308234-30A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
SW-15B	E308234-31A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
SW-16B	E308234-32A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
SW-17B	E308234-33A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
SW-18B	E308234-34A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
SW-20B	E308234-35A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
SW-42	E308234-36A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz
SW-47	E308234-37A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
SW-48	E308234-38A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-66 E308234-01

		200020101				
	-	Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2335081
Benzene	ND	0.0250	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130	09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130	09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130	09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130	09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL		Batch: 2335097
Diesel Range Organics (C10-C28)	218	25.0	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	87.3	50.0	1	09/01/23	09/01/23	
Surrogate: n-Nonane		88.3 %	50-200	09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA		Batch: 2335088
Chloride	180	20.0	1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-81

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	RKS		Batch: 2335081
Benzene	ND	0.0250	1	l	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	l	09/01/23	09/01/23	
Toluene	ND	0.0250	1	l	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	l	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	l	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	l	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	26.3	25.0	1		09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/01/23	
Surrogate: n-Nonane		88.1 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	BA		Batch: 2335088
		·			08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		105 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		105 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	28.7	25.0		1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/01/23	
Surrogate: n-Nonane		87.0 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
		·			·	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250	1	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/01/23	
Surrogate: n-Nonane		88.9 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
Chloride	142	20.0	1		08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2335081
Benzene	ND	0.0250	1	l	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	l	09/01/23	09/01/23	
Toluene	ND	0.0250	1	l	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	l	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	l	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	l	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		106 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: 1	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		106 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	32.2	25.0	1		09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/01/23	09/01/23	
Surrogate: n-Nonane		84.2 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	BA		Batch: 2335088
-	202	20.0	1		08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250	1	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		108 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		108 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/01/23	
Surrogate: n-Nonane		85.0 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
Amons by ETA 500.0/3030A							



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911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250	1	l	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	l	09/01/23	09/01/23	
Toluene	ND	0.0250	1	l	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	l	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	l	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		105 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	<u> </u>	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		105 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0	1		09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/01/23	09/01/23	
Surrogate: n-Nonane		84.1 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
	202	20.0			08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250	1	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	25.4	25.0	1	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/01/23	
Surrogate: n-Nonane		87.9 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
		·			08/31/23	09/01/23	

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250	1	l	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	l	09/01/23	09/01/23	
Toluene	ND	0.0250	1	l	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	l	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	l	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	l	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		105 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	<u> </u>	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		105 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0	1		09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/01/23	09/01/23	
Surrogate: n-Nonane		88.4 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
	169	20.0			08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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E308234-	

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	26.5	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		87.9 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088



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911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	27.6	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		86.4 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
Chloride	194	20.0		1	08/31/23	09/01/23	



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911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RI	KS		Batch: 2335081
Benzene	ND	0.0250	1		09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1		09/01/23	09/01/23	
Toluene	ND	0.0250	1		09/01/23	09/01/23	
o-Xylene	ND	0.0250	1		09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1		09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg Analyst: RKS			Batch: 2335081	
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2335097
Diesel Range Organics (C10-C28)	27.7	25.0	1		09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1		09/01/23	09/02/23	
Surrogate: n-Nonane		89.2 %	50-200		09/01/23	09/02/23	
A.: L. EDA 200 0/005/ A	mg/kg	mg/kg	1	Analyst: BA	A		Batch: 2335088
Anions by EPA 300.0/9056A	2 2	8 8					



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Rl	KS		Batch: 2335081
Benzene	ND	0.0250	1		09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1		09/01/23	09/01/23	
Toluene	ND	0.0250	1		09/01/23	09/01/23	
o-Xylene	ND	0.0250	1		09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1		09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg Analyst: RKS			Batch: 2335081	
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL	_		Batch: 2335097
Diesel Range Organics (C10-C28)	26.4	25.0	1		09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1		09/01/23	09/02/23	
Surrogate: n-Nonane		88.4 %	50-200		09/01/23	09/02/23	
1 I FID 4 200 0 100 FC 4	mg/kg	mg/kg		Analyst: B	A		Batch: 2335088
Anions by EPA 300.0/9056A		88					



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-93

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	Ī	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: RKS			Batch: 2335081	
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	30.0	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		88.3 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
11110113 by E111 500:0/703011							



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-94

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	KS		Batch: 2335081
Benzene	ND	0.0250	1		09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1		09/01/23	09/01/23	
Toluene	ND	0.0250	1		09/01/23	09/01/23	
o-Xylene	ND	0.0250	1		09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1		09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	٠	Analyst: R	KS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL	_		Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0	1		09/01/23	09/02/23	_
Oil Range Organics (C28-C36)	ND	50.0	1		09/01/23	09/02/23	
Surrogate: n-Nonane		84.3 %	50-200		09/01/23	09/02/23	
	mg/kg	mg/kg		Analyst: B.	A		Batch: 2335088
Anions by EPA 300.0/9056A	mg/kg	mg ng					Battern 2000 000



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	36.4	25.0	•	1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		84.4 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2335081
Benzene	ND	0.0250	1	l	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	l	09/01/23	09/01/23	
Toluene	ND	0.0250	1	l	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	l	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	l	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		108 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	RKS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	<u> </u>	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		108 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0	1		09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/01/23	09/02/23	
Surrogate: n-Nonane		88.5 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335088
· · · · · · · · · · · · · · · · · · ·	197	20.0	1		08/31/23	09/01/23	·



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion P1	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2335081
Benzene	ND	0.0250	1	09	9/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	09	9/01/23	09/01/23	
Toluene	ND	0.0250	1	09	9/01/23	09/01/23	
o-Xylene	ND	0.0250	1	09	9/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	09	9/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	09	9/01/23	09/01/23	
Surrogate: Bromofluorobenzene		99.4 %	70-130	09	0/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	09	0/01/23	09/01/23	
Surrogate: Toluene-d8		106 %	70-130	09	0/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1	09	9/01/23	09/01/23	
Surrogate: Bromofluorobenzene		99.4 %	70-130	09	0/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	09	0/01/23	09/01/23	
Surrogate: Toluene-d8		106 %	70-130	09	0/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0	1	09	9/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09	9/01/23	09/02/23	
Surrogate: n-Nonane		85.0 %	50-200	09	0/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA			Batch: 2335088
THIONS BY EXILE CONSTRUCTION							



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RI	KS		Batch: 2335081
Benzene	ND	0.0250	1		09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1		09/01/23	09/01/23	
Toluene	ND	0.0250	1		09/01/23	09/01/23	
o-Xylene	ND	0.0250	1		09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1		09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		102 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RI	KS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		102 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		107 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0	1		09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1		09/01/23	09/02/23	
Surrogate: n-Nonane		88.6 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: B	A		Batch: 2335088



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: Rl	KS		Batch: 2335081
Benzene	ND	0.0250	1		09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1		09/01/23	09/01/23	
Toluene	ND	0.0250	1		09/01/23	09/01/23	
o-Xylene	ND	0.0250	1		09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1		09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		108 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: Rl	KS		Batch: 2335081
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		108 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2335097
Diesel Range Organics (C10-C28)	ND	25.0	1		09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1		09/01/23	09/02/23	
Surrogate: n-Nonane		90.4 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: B	A		Batch: 2335088
11110110 0 7 111110 0 0 10 7 7 0 0 0 1 1							



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

		E308234-21					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	:	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/01/23	
Surrogate: n-Nonane		92.0 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335089
Chloride	425	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

		E308234-22					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		122 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		122 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/01/23	
Surrogate: n-Nonane		89.3 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335089
Chloride	328	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

		E308234-23				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2335082
Benzene	ND	0.0250	1	09/01/2	09/01/23	
Ethylbenzene	ND	0.0250	1	09/01/2	3 09/01/23	
Toluene	ND	0.0250	1	09/01/2	3 09/01/23	
o-Xylene	ND	0.0250	1	09/01/2	3 09/01/23	
p,m-Xylene	ND	0.0500	1	09/01/2	3 09/01/23	
Total Xylenes	ND	0.0250	1	09/01/2	3 09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/01/2	99/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	09/01/2	93 09/01/23	
Surrogate: Toluene-d8		112 %	70-130	09/01/2	93 09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/2	99/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/01/2	99/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	09/01/2	99/01/23	
Surrogate: Toluene-d8		112 %	70-130	09/01/2	93 09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/2	3 09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/2	3 09/01/23	
Surrogate: n-Nonane		88.9 %	50-200	09/01/2	93 09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA		Batch: 2335089
Chloride	470	20.0	1	08/31/2	9/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

		E308234-24					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2335082
Benzene	ND	0.0250	1	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		119 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		119 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	īL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/01/23	
Surrogate: n-Nonane		92.0 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	ВА		Batch: 2335089
Chloride	23.3	20.0	1	1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-104 E308234-25

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2335082
Benzene	ND	0.0250	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130	09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130	09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/01/23	
Surrogate: n-Nonane		92.3 %	50-200	09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2335089
Chloride	105	20.0	1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

CS-105 E308234-26

		200020.20					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
			Dil			Allalyzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		122 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		122 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Л		Batch: 2335099
Diesel Range Organics (C10-C28)	35.5	25.0		1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/01/23	
Surrogate: n-Nonane		92.0 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2335089
Chloride	199	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

		E308234-27					
		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	:	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/01/23	
Surrogate: n-Nonane		90.7 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335089
Chloride	157	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-1B E308234-28

E300234-20							
Anglyto	Result	Reporting Limit	D:1	ution	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	וועו	ution	Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg		Analyst	:: IY		Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		116 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	:: IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		116 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	:: JL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/01/23	
Surrogate: n-Nonane		91.1 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	:: BA		Batch: 2335089
Chloride	213	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-7B E308234-29

		1000101127				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	nalyst: IY		Batch: 2335082
Benzene	ND	0.0250	1	09/01/23	09/01/23	Batem 2555002
Ethylbenzene	ND	0.0250	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130	09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130	09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: JL		Batch: 2335099
Diesel Range Organics (C10-C28)	37.9	25.0	1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/02/23	
Surrogate: n-Nonane		89.4 %	50-200	09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: BA		Batch: 2335089

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-13B E308234-30

Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:		<u>, , , , , , , , , , , , , , , , , , , </u>	Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	Batem 2000 002
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		119 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		119 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/02/23	
Surrogate: n-Nonane		90.3 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335089
Chloride	186	20.0		1	08/31/23	09/01/23	

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-15B E308234-31

		200020.01					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
				Analyst:		7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Allalyst		00/01/02	Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Љ		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		90.9 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2335089
Chloride	198	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-16B E308234-32

		E300234-32					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg		Analyst:	IY		Batch: 2335082
Benzene	ND	0.0250	1	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		122 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		122 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/02/23	
Surrogate: n-Nonane		91.3 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335089
Chloride	167	20.0	1	1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-17B E308234-33

		200020.00					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
			- Di	Analyst:		7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Allalyst		00/01/02	Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335099
Diesel Range Organics (C10-C28)	32.7	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		88.9 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335089
Chloride	192	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-18B E308234-34

					100020101		
Notes	Analyzed	repared Anal	on Prepared	Dilutio	Reporting Limit	Result	Analyte
Batch: 2335082			nalyst: IY		mg/kg	mg/kg	Volatile Organic Compounds by EPA 8260B
aten. 2333002	09/01/23	9/01/23 09/0	09/01/23	1	0.0250	ND	Benzene
	09/01/23		09/01/23	1	0.0250	ND	Ethylbenzene
	09/01/23		09/01/23	1	0.0250	ND	Toluene
	09/01/23	9/01/23 09/0	09/01/23	1	0.0250	ND	o-Xylene
	09/01/23	9/01/23 09/0	09/01/23	1	0.0500	ND	p,m-Xylene
	09/01/23	9/01/23 09/0	09/01/23	1	0.0250	ND	Total Xylenes
	09/01/23	9/01/23 09/0	09/01/23	70-130	119 %	-	Surrogate: Bromofluorobenzene
	09/01/23	9/01/23 09/0	09/01/23	70-130	94.4 %		Surrogate: 1,2-Dichloroethane-d4
	09/01/23	9/01/23 09/0	09/01/23	70-130	111 %		Surrogate: Toluene-d8
Batch: 2335082	Bat		nalyst: IY	An	mg/kg	mg/kg	Nonhalogenated Organics by EPA 8015D - GRO
	09/01/23	9/01/23 09/0	09/01/23	1	20.0	ND	Gasoline Range Organics (C6-C10)
	09/01/23	9/01/23 09/0	09/01/23	70-130	119 %		Surrogate: Bromofluorobenzene
	09/01/23	9/01/23 09/0	09/01/23	70-130	94.4 %		Surrogate: 1,2-Dichloroethane-d4
	09/01/23	9/01/23 09/0	09/01/23	70-130	111 %		Surrogate: Toluene-d8
Batch: 2335099	Bat		nalyst: JL	An	mg/kg	mg/kg	Nonhalogenated Organics by EPA 8015D - DRO/ORO
	09/02/23	9/01/23 09/0	09/01/23	1	25.0	29.1	Diesel Range Organics (C10-C28)
	09/02/23	9/01/23 09/0	09/01/23	1	50.0	ND	Oil Range Organics (C28-C36)
	09/02/23	9/01/23 09/0.	09/01/23	50-200	90.3 %		Surrogate: n-Nonane
Batch: 2335089	Bat		nalyst: BA	An	mg/kg	mg/kg	Anions by EPA 300.0/9056A
	09/01/23	8/31/23 09/0	08/31/23	1	20.0	199	Chloride
Ba	09/02/23 Ba	9/01/23 09/0.	<i>09/01/23</i> nalyst: BA	50-200 An	90.3 % mg/kg	mg/kg	Surrogate: n-Nonane Anions by EPA 300.0/9056A

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-20B E308234-35

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2335082
Benzene	ND	0.0250	1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/01/23	
Toluene	ND	0.0250	1	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130	09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	09/01/23	09/01/23	
Surrogate: Toluene-d8		111 %	70-130	09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2335099
Diesel Range Organics (C10-C28)	27.7	25.0	1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/02/23	
Surrogate: n-Nonane		89.9 %	50-200	09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2335089

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-42 E308234-36

		E300234-30					
Anglyta	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Liinit	ווע	utiOII	rrepareu	Anaryzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Benzene	ND	0.0250		1	09/01/23	09/01/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/01/23	
Toluene	ND	0.0250		1	09/01/23	09/01/23	
o-Xylene	ND	0.0250		1	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/01/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		120 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		120 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		89.8 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335089
Chloride	190	20.0		1	08/31/23	09/01/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-47 E308234-37

	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: IY		Batch: 2335082
ND	0.0250		1	09/01/23	09/01/23	
ND	0.0250		1	09/01/23	09/01/23	
ND	0.0250		1	09/01/23	09/01/23	
ND	0.0250		1	09/01/23	09/01/23	
ND	0.0500		1	09/01/23	09/01/23	
ND	0.0250		1	09/01/23	09/01/23	
	121 %	70-130		09/01/23	09/01/23	
	94.8 %	70-130		09/01/23	09/01/23	
	111 %	70-130		09/01/23	09/01/23	
mg/kg	mg/kg		Analyst:	: IY		Batch: 2335082
ND	20.0		1	09/01/23	09/01/23	
	121 %	70-130		09/01/23	09/01/23	
	94.8 %	70-130		09/01/23	09/01/23	
	111 %	70-130		09/01/23	09/01/23	
mg/kg	mg/kg		Analyst:	: Љ		Batch: 2335099
ND	25.0		1	09/01/23	09/02/23	
ND	50.0		1	09/01/23	09/02/23	
	95.8 %	50-200		09/01/23	09/02/23	
mg/kg	mg/kg		Analyst	: BA		Batch: 2335089
30.7	20.0		1	08/31/23	09/01/23	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ID 0.0250 ID 94.8 % III % 94.8 % III % 94.8 % III % 94.8 % III % 111 % mg/kg mg/kg ND 25.0 ND 50.0 95.8 % mg/kg mg/kg mg/kg	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 121 % 70-130 94.8 % 70-130 111 % 70-130 mg/kg mg/kg ND 20.0 121 % 70-130 94.8 % 70-130 111 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 95.8 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 121 % 70-130 94.8 % 70-130 111 % 70-130 mg/kg mg/kg Analyst ND 20.0 1 111 % 70-130 1 mg/kg mg/kg Analyst ND 25.0 1 ND 50.0 1 95.8 % 50-200 mg/kg mg/kg Analyst	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/01/23 ND 0.0250 1 09/01/23 ND 0.0250 1 09/01/23 ND 0.0250 1 09/01/23 ND 0.0500 1 09/01/23 ND 0.0250 1 09/01/23 ND 0.0250 1 09/01/23 94.8 % 70-130 09/01/23 111 % 70-130 09/01/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/01/23 121 % 70-130 09/01/23 94.8 % 70-130 09/01/23 111 % 70-130 09/01/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/01/23 ND 50.0 1 09/01/23 Mg/kg mg/kg Analyst: BA	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/01/23 09/01/23 ND 0.0500 1 09/01/23 09/01/23 ND 0.0250 1 09/01/23 09/01/23 ND 0.0250 1 09/01/23 09/01/23 94.8 % 70-130 09/01/23 09/01/23 94.8 % 70-130 09/01/23 09/01/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/01/23 09/01/23 94.8 % 70-130 09/01/23 09/01/23 94.8 % 70-130 09/01/23 09/01/23 mg/kg mg/kg Analyst: JL ND 25.0 1



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

SW-48

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg		Analyst: Γ	Y		Batch: 2335082
Benzene	ND	0.0250	1		09/01/23	09/01/23	
Ethylbenzene	ND	0.0250	1	l	09/01/23	09/01/23	
Toluene	ND	0.0250	1	l	09/01/23	09/01/23	
o-Xylene	ND	0.0250	1	l	09/01/23	09/01/23	
p,m-Xylene	ND	0.0500	1	l	09/01/23	09/01/23	
Total Xylenes	ND	0.0250	1		09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2335082
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ.	09/01/23	09/01/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		09/01/23	09/01/23	
Surrogate: Toluene-d8		112 %	70-130		09/01/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2335099
Diesel Range Organics (C10-C28)	ND	25.0	1		09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1		09/01/23	09/02/23	
Surrogate: n-Nonane		93.7 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: E	BA		Batch: 2335089
11110113 by E111 500:0/703011							



Thistle Unit #46H NTG-New Tech Global Environmental Project Name: Reported: 911 Regional Park Dr. Project Number: 01058-0007 Houston TX, 77060 Project Manager: Ethan Sessums 9/5/2023 3:00:10PM **Volatile Organic Compounds by EPA 8260B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2335081-BLK1) Prepared: 09/01/23 Analyzed: 09/01/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.518 0.500 104 70-130 Surrogate: 1,2-Dichloroethane-d4 0.460 0.500 92.0 70-130 0.500 106 70-130 Surrogate: Toluene-d8 0.531 LCS (2335081-BS1) Prepared: 09/01/23 Analyzed: 09/01/23 2.79 0.0250 2.50 112 70-130 Benzene 2.85 2.50 114 70-130 Ethylbenzene 0.0250 2.86 0.0250 2.50 114 70-130 2.97 119 70-130 0.0250 2.50 o-Xylene 5.86 5.00 117 70-130 p,m-Xylene 0.0500 8.83 0.0250 7.50 118 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.520 0.500 104 70-130 0.500 93.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.466 70-130 Surrogate: Toluene-d8 0.528 0.500 Matrix Spike (2335081-MS1) Source: E308234-07 Prepared: 09/01/23 Analyzed: 09/01/23 48-131 2.59 0.0250 2.50 ND 103 45-135 Ethylbenzene 2.69 0.0250 2.50 ND 108 ND 48-130 Toluene 2.67 0.0250 2.50 107 2.92 0.0250 2.50 ND 117 43-135 o-Xylene 5.70 5.00 ND 114 43-135 p,m-Xylene 0.0500 Total Xylenes 8.62 0.0250 7.50 ND 115 43-135 Surrogate: Bromofluorobenzene 0.519 0.500 104 70-130 0.500 95.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.480 0.500 70-130 0.517 Surrogate: Toluene-d8 Matrix Spike Dup (2335081-MSD1) Source: E308234-07 Prepared: 09/01/23 Analyzed: 09/01/23 2.36 0.0250 2.50 ND 94.5 48-131 9.11 23 2.59 0.0250 2.50 ND 103 45-135 4.05 27 Ethylbenzene 2.59 ND 103 48-130 3.05 24 2.50 Toluene 0.0250 o-Xylene 2.81 0.0250 2.50 ND 112 43-135 3.89 27 5.00 ND 110 43-135 3.64 27 5.50 0.0500 p,m-Xylene 27 8.31 0.0250 7.50 ND 111 43-135 3.73 Total Xylenes Surrogate: Bromofluorobenzene 0.528 0.500 106 70-130



0.500

0.500

0.461

0.533

92.2

107

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Thistle Unit #46H NTG-New Tech Global Environmental Project Name: Reported: 911 Regional Park Dr. Project Number: 01058-0007 Houston TX, 77060 Project Manager: Ethan Sessums 9/5/2023 3:00:10PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2335082-BLK1) Prepared: 09/01/23 Analyzed: 09/01/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.612 0.500 122 70-130 Surrogate: 1,2-Dichloroethane-d4 0.473 0.500 94.6 70-130 0.500 112 70-130 Surrogate: Toluene-d8 0.559 LCS (2335082-BS1) Prepared: 09/01/23 Analyzed: 09/01/23 2.36 0.0250 2.50 94.4 70-130 Benzene 2.58 2.50 103 70-130 Ethylbenzene 0.0250 2.56 0.0250 2.50 102 70-130 70-130 2.73 0.0250 2.50 109 o-Xylene 5.48 5.00 110 70-130 p,m-Xylene 0.0500 8.21 0.0250 7.50 109 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.610 0.500 122 70-130 0.500 95.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.479 70-130 Surrogate: Toluene-d8 0.559 0.500 112 Matrix Spike (2335082-MS1) Source: E308234-27 Prepared: 09/01/23 Analyzed: 09/01/23 48-131 2.65 0.0250 2.50 ND 45-135 Ethylbenzene 2.68 0.0250 2.50 ND 107 2.72 ND 109 48-130 Toluene 0.0250 2.50 2.87 0.0250 2.50 ND 115 43-135 o-Xylene 5.77 5.00 ND 115 43-135 p,m-Xylene 0.0500 Total Xylenes 8.64 0.0250 7.50 ND 115 43-135 Surrogate: Bromofluorobenzene 0.608 0.500 122 70-130 0.500 97.6 70-130 Surrogate: 1,2-Dichloroethane-d4 0.488 0.500 70-130 0.555 111 Surrogate: Toluene-d8 Matrix Spike Dup (2335082-MSD1) Source: E308234-27 Prepared: 09/01/23 Analyzed: 09/01/23 2.47 0.0250 2.50 ND 98.8 48-131 7.18 23 2.54 0.0250 2.50 ND 45-135 5.56 27 Ethylbenzene ND 48-130 5.80 24 2.56 2.50 102 Toluene 0.0250 o-Xylene 2.70 0.0250 2.50 ND 108 43-135 6.19 27 5.44 5.00 ND 109 43-135 27 0.0500 5.89 p,m-Xylene 27 8.13 0.0250 7.50 ND 108 43-135 5.99 Total Xylenes Surrogate: Bromofluorobenzene 0.613 0.500 123 70-130



0.500

0.500

0.467

0.558

93.4

112

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8

QC Summary Data

NTG-New Tech Global Environmental Project Name: Thistle Unit #46H Reported:
911 Regional Park Dr. Project Number: 01058-0007
Houston TX, 77060 Project Manager: Ethan Sessums 9/5/2023 3:00:10PM

	Nonhalogenated Organics by EPA 8015D - GRO									
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2335081-BLK1)							Prepared: 0	9/01/23 Anal	yzed: 09/01/23	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.460		0.500		92.0	70-130				
Surrogate: Toluene-d8	0.531		0.500		106	70-130				
LCS (2335081-BS2)							Prepared: 0	9/01/23 Anal	yzed: 09/01/23	
Gasoline Range Organics (C6-C10)	65.6	20.0	50.0		131	70-130			L2	
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130				

Matrix Spike (2335081-MS2)		Source:	E308234-0	07	Prepared: 09/01/23 Analyzed: 09/01/2		
Gasoline Range Organics (C6-C10)	67.6	20.0	50.0	ND	135	70-130	M7
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130	
Surrogate: Toluene-d8	0.541		0.500		108	70-130	

0.500

0.500

0.552

95.0

110

70-130

70-130

Matrix Spike Dup (2335081-MSD2)				Source:	E308234-0	07	Prepared: 09	/01/23 Analy	yzed: 09/01/23
Gasoline Range Organics (C6-C10)	67.0	20.0	50.0	ND	134	70-130	0.916	20	M7
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.553		0.500		111	70-130			

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

QC Summary Data

Thistle Unit #46H NTG-New Tech Global Environmental Project Name: Reported: 911 Regional Park Dr. Project Number: 01058-0007

Houston TX, 77060		Project Manager	r: Et	han Sessums				9/5	/2023 3:00:10PM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335082-BLK1)							Prepared: 0	9/01/23 Analy	vzed: 09/01/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.612		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.559		0.500		112	70-130			
LCS (2335082-BS2)							Prepared: 0	9/01/23 Analy	zed: 09/01/23
Gasoline Range Organics (C6-C10)	57.5	20.0	50.0		115	70-130			
Surrogate: Bromofluorobenzene	0.603		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.7	70-130			
Surrogate: Toluene-d8	0.567		0.500		113	70-130			
Matrix Spike (2335082-MS2)				Source:	E308234-	27	Prepared: 0	9/01/23 Analy	zed: 09/01/23
Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	0.611		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.565		0.500		113	70-130			
Matrix Spike Dup (2335082-MSD2)				Source:	E308234-	27	Prepared: 0	9/01/23 Analy	zed: 09/01/23
Gasoline Range Organics (C6-C10)	57.7	20.0	50.0	ND	115	70-130	0.276	20	

0.500

0.500

0.500

123

96.2

113

70-130

70-130

70-130

0.615

0.481

0.563



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	·
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

Houston TX, 77060		Project Manage	r: Eti	han Sessums					9/5/2023 3:00:10PM
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335097-BLK1)							Prepared: 0	9/01/23 <i>A</i>	Analyzed: 09/01/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.4		50.0		84.7	50-200			
LCS (2335097-BS1)							Prepared: 0	9/01/23 A	Analyzed: 09/01/23
Diesel Range Organics (C10-C28)	221	25.0	250		88.6	38-132			
Surrogate: n-Nonane	40.3		50.0		80.6	50-200			
Matrix Spike (2335097-MS1)				Source:	E308234-0	05	Prepared: 0	9/01/23 A	Analyzed: 09/01/23
Diesel Range Organics (C10-C28)	257	25.0	250	32.2	89.9	38-132			
Surrogate: n-Nonane	43.7		50.0		87.4	50-200			
Matrix Spike Dup (2335097-MSD1)				Source:	E308234-0	05	Prepared: 0	9/01/23 A	Analyzed: 09/01/23
Diesel Range Organics (C10-C28)	257	25.0	250	32.2	90.0	38-132	0.147	20	
Surrogate: n-Nonane	43.9		50.0		87.8	50-200			



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	·
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM

Houston TX, 77060		Project Manage	r: Eti	han Sessums					9/5/2023 3:00:10PM
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335099-BLK1)							Prepared: 0	9/01/23 A	nalyzed: 09/01/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.3		50.0		86.6	50-200			
LCS (2335099-BS1)							Prepared: 0	9/01/23 A	nalyzed: 09/01/23
Diesel Range Organics (C10-C28)	238	25.0	250		95.3	38-132			
Surrogate: n-Nonane	44.2		50.0		88.5	50-200			
Matrix Spike (2335099-MS1)				Source:	E308234-	25	Prepared: 0	9/01/23 A	nalyzed: 09/01/23
Diesel Range Organics (C10-C28)	235	25.0	250	ND	94.2	38-132			
Surrogate: n-Nonane	46.1		50.0		92.2	50-200			
Matrix Spike Dup (2335099-MSD1)				Source:	E308234-	25	Prepared: 0	9/01/23 A	nalyzed: 09/01/23
Diesel Range Organics (C10-C28)	231	25.0	250	ND	92.4	38-132	1.91	20	
Surrogate: n-Nonane	43.2		50.0		86.4	50-200			



NTG-New Tech Global Environmental 911 Regional Park Dr.	Project Name: Project Number:	Thistle Unit #46H 01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/5/2023 3:00:10PM
	Anions by 1	EPA 300.0/9056A	Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335088-BLK1)							Prepared: 0	8/31/23	Analyzed: 09/01/23
Chloride	ND	20.0							
LCS (2335088-BS1)							Prepared: 0	8/31/23	Analyzed: 09/01/23
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2335088-MS1)				Source:	E308234-	01	Prepared: 0	8/31/23	Analyzed: 09/01/23
Chloride	440	20.0	250	180	104	80-120			
Matrix Spike Dup (2335088-MSD1)				Source:	E308234-	01	Prepared: 0	8/31/23	Analyzed: 09/01/23
Chloride	441	20.0	250	180	104	80-120	0.154	20	



NTG-New Tech Global Environmental		Project Name:	T	histle Unit #461	Η				Reported:
911 Regional Park Dr.		Project Number:	0	1058-0007					•
Houston TX, 77060		Project Manager:	Е	than Sessums					9/5/2023 3:00:10PM
		Anions	by EPA	300.0/9056A					Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335089-BLK1)							Prepared: 0	08/31/23 A	nalyzed: 09/01/23
Chloride	ND	20.0							
LCS (2335089-BS1)							Prepared: 0	08/31/23 A	analyzed: 09/01/23
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2335089-MS1)				Source: I	E308234-	21	Prepared: 0	08/31/23 A	analyzed: 09/01/23
Chloride	638	20.0	250	425	85.4	80-120			
Matrix Spike Dup (2335089-MSD1)				Source: I	E308234-	21	Prepared: 0	08/31/23 A	analyzed: 09/01/23
Chloride	697	20.0	250	425	109	80-120	8.71	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

ſ	NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
١	911 Regional Park Dr.	Project Number:	01058-0007	Reported:
١	Houston TX, 77060	Project Manager:	Ethan Sessums	09/05/23 15:00

L2 The LCS spike recovery was above acceptance limits. This analyte was not detected in the sample.

M7 Matrix Spike was outside the acceptance limits.

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 308234 Job # 01058-0007

Project Manager:	Ethan Sessums						different)	Wesley Mathews									Work Order Comments							
Company Name:	NTG Environmental					Company	Devon Energy							Program: UST/PST PRP Brownfields RRC uperfund										
Address:	402 E Wood Ave					Address:			6488 Seven Rivers Highway							of Pro								
City, State ZIP:	Carlsbad, NM 88220					City, Star	te ZIP:		Artesi	a, NM	88210				Repo	Reporting:Level II Level III ST/UST RRP Level IV								
Phone:	254-266	-5456			Email:	Wesley	Mathews	@dvn.c	om						Deliv	erables	EDD		ADaP	Other:				
Project Name:		Thist	e Unit #46H		Turi	Around							ANA	LYSIS R	EQUES	Г				Preservative	e Codes			
Project Number:		:	237481		Routine	✓ Rusi	h	Pres. Code		0	14.7									None: NO D	Nater: H ₂ C			
Project Location		Le	a Co. NM		Due Date:	48	3hr									1				Cool: Cool M	ЛеОН: Ме			
Sampler's Name:		Kel	lan Smith		TAT starts the	day receiv	ed by the			MRO)										HCL: HC H	HNO ₃ : HN			
PO #:	#: 21211758		1211758		lab, if rece	eived by 4:3	80pm	2	1	+					- 1					H ₂ S0 ₄ : H ₂ N	NaOH: Na			
SAMPLE RECE	IPT Temp Blank:		Yes No	Wet Ice:	(Yes) No		Parameters	8	+ DRO	200									H ₃ PO ₄ : HP					
Received Intact:	Yes No		Thermom	eter ID:			aran	BTEX 8021B	0	Chloride 4500			1					HOLD	NaHSO₄: NABIS					
Cooler Custody Sea			Correction	n Factor:	11		Δ.	TEX	(GR	lori								¥	Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Se			Temperat	ure Reading:	4			a	15M	5									Zn Acetate+NaOH:					
otal Containers:	Co		Corrected	Corrected Temperature:					TPH 8015M (GRO				1 1					V .	NaOH+Ascorbic Ac	id: SAPC				
Sample Ide	entification Date		Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP										Sample Con	mments			
CS-	66		8/30/2023		x		Comp	1	x	×	х								1					
CS-	31		8/30/2023		x		Comp	1	x	×	х								2					
CS-	82		8/30/2023	1	X		Comp	1	x	х	х								3					
CS-	83		8/30/2023		x		Comp	1	х	х	х								4					
CS-	34		8/30/2023		x		Comp	1	x	X	х								5					
CS-	35		8/30/2023		х		Comp	1	х	x	х								6					
CS-	36		8/30/2023		х		Comp	1	х	x	х								7					
CS-87		8/30/2023			х		Comp	1	x	х	х								8					
CS-88 8/30		8/30/2023	0	х		Comp	1	x	х	х								9						
CS-	39		8/30/2023		х		Comp	1	x	х	x								10					
Additi	onal Cor	nments	:																					

Retinquished by: (Signature)

Received by: (

Chain of Custody



Work Order No: <u>E308234</u> JOB # 01058-0007

Project Manager:	Ethan	Sessums	3		Bill to: (if different) Wesley Mathews											Work Order Comments							
Company Name:	NTG Environmental 402 E Wood Ave					Company	Name:		Devon Energy 6488 Seven Rivers Highway					-1/2	Program: UST/PST PRP Brownfields RRC uperfund State of Project:								
Address:						Address:																	
City, State ZIP:	Carlsbad, NM 88220					City, Stat	e ZIP:		Artesia	a, NM	88210					Reporti	ng:Lev	rel II 🗌 Lev	el III	PST	/UST TRRP [Level IV	
Phone:	254-26	66-5456			Email:	Wesley.	Mathews	@dvn.c	om							Delivera	ables:	EDD	Al	DaP1	r □ Other:		
Project Name:		Thist	le Unit #46H		Turi	n Around							AN	ALYSIS	REQ	UEST					Preservativ	ve Codes	
Project Number:		· ·	237481		Routine	✓ Rush	1	Pres. Code	-						n I			- 1			None: NO	DI Water: H ₂ O	
Project Location		Le	a Co. NM		Due Date:	48	hr														Cool: Cool	MeOH: Me	
Sampler's Name:		Ke	llan Smith		TAT starts the					MRO)									- 1		HCL: HC	HNO ₃ : HN	
PO #:	21211758			lab, if rece	eived by 4:30pm		2		+											H ₂ S0 ₄ : H ₂	NaOH: Na		
SAMPLE RECEI	PT	Tem	p Blank:	Yes No	Wet Ice:	(Yes) No		Parameters	18	DRO	200										H₃PO₄: HP		
Received Intact:	Yes No		Thermom	eter ID:			ıran	EX 8021B	+	Chloride 4500									НОГР	NaHSO ₄ : NABIS			
Cooler Custody Seal	s: Yes No N/A Corre		Correction	n Factor:			0	EX	(GR	lloric						- 1			H	Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Sea	als: Yes No N/A Tempera		Temperat	ture Reading:	4			m	5M	2										Zn Acetate+NaOF	ł: Zn		
otal Containers:			Corrected	Temperature:	emperature:				TPH 8015M (GRO										NaOH+Ascorbic A	cid: SAPC			
Sample Ider			Time	Soil	Water	Grab/ Comp	# of Cont		TPF											Sample Co	mments		
CS-9	90		8/30/2023		х		Comp	1	х	х	х									11			
CS-9	91		8/30/2023		х		Comp	1	x	х	х									12			
CS-9	92		8/30/2023		х		Comp	1	x	X	x								1	13			
CS-9	93		8/30/2023		x		Comp	1	х	x	х									14			
CS-9	94		8/30/2023	- 1	x		Comp	1	х	×	х									15			
CS-9	95		8/30/2023	1	х		Comp	1	х	х	х							47 1		16			
CS-9	96		8/30/2023		x		Comp	1	x	х	х									7			
CS-9	CS-97		8/30/2023		х		Comp	1	х	x	х									18			
CS-98		8/30/2023		х		Comp	1	х	x	х									9	-			
CS-9	CS-99 8/30/2023		x		Comp	1	×	x	х								_	20					
Additio	onal Co	omments	s:																				

Relinquished by: (Signature)

Received by: (

Received by OCD: 11/16/2023 1:49:08 PM



Work Order No: <u>E308234</u> JOH # 01058-0007

Project Manager:	Ethan	Sessums	3		Bill to: (if		Wesle	y Mati	news					Work Order Comments							
Company Name:	NTG Environmental 402 E Wood Ave					Company		Devon Energy							Program: UST/PST PRP Brownfields RRC uperfund						
Address:						Address:			6488 Seven Rivers Highway							State of Project:					
City, State ZIP:	Carlsbad, NM 88220					City, Stat	e ZIP:		Artesia, NM 88210							Reporting	:Level II [Level III	□ sī	T/UST TRRP [Level IV
Phone:						Wesley.	Mathews	@dvn.c	om							Deliverab	les: EDD		ADaP	Other:	
Project Name:		Thist	le Unit #46H		Turi	n Around							ANA	LYSIS	REC	QUEST				Preservativ	ve Codes
Project Number:		- 1	237481		Routine	✓ Rush	n	Pres. Code												None: NO	None: NO DI Water: H ₂ O
Project Location		Le	a Co. NM		Due Date:	48	Bhr											Cool: Cool	MeOH: Me		
Sampler's Name:		Ke	llan Smith	TAT starts t		starts the day received by the				+ MRO)										HCL HC	HNO ₃ : HN
PO #:	21211758			lab, if rece	eived by 4:3	0pm	SLS		+ 0							1 1			H ₂ S0 ₄ : H ₂	NaOH: Na	
SAMPLE RECE	Temp - Temm 1 100 IV		Yes No	Wet Ice:	Yes No		Parameters	BTEX 8021B	DRO	1500						1 1	100	H ₃ PO ₄ : HP	The control of the co		
Received Intact:			Thermom	eter ID:	D:				40	Chloride 4500					1 1			HOLD	NaHSO ₄ NABIS		
Cooler Custody Sea			Correction Factor:				a.	3TE)	(6	hlor						1 1		Ī	Na ₂ S ₂ O ₃ . NaSO ₃		
Sample Custody Se				ture Reading:	4		E	_	8015M (GRO +	0									Zn Acetate+NaOH		
Total Containers:		Corrected			Temperature:					трн 80	(- O								NaOH+Ascorbic A	cid SAPC	
Sample Ide	ntification Date		Time	Soil	Water	Grab/ Comp	# of Cont		dI I									Sample Co	mments		
CS-1	00		8/30/2023		х		Comp	1	х	×	х								21		
CS-1	01		8/30/2023		х		Comp	1	х	х	x								2		
CS-1	02		8/30/2023		X		Comp	1	x	X	X								23	,	
CS-1	03		8/30/2023		X		Comp	1	x	X	х								24		
CS-1	04		8/30/2023		x	(A	Comp	1	х	X	x					14-14			25		
CS-1	05		8/30/2023		х		Comp	1	x	×	x								26	5	
CS-1	06		8/30/2023		x		Comp	1	x	×	x								27		
SW-	SW-1B		8/30/2023		X		Comp	1	x	×	x								28		
SW-7B		8/30/2023		x		Comp	1	x	×	х								29			
SW-	SW-13B 8/30/2023		х		Comp	1	х	Х	x								30				
Additi	onal C	omments	s:																		

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Middle Course	8.31-23 1025	Emidelle Cuylo	Andra misso	8.31.25 2000
3 ardren merzo	Castle Man	9/1/23 5:45	4		
5			6		

Chain of Custody



Work Order No: <u>E308234</u> JOD # 01058-0007

Project Manager:	Ethan	Sessum	s			Bill to: (if	different)		Wesle	v Mati	news							Work C	Order	Comments	of4
Company Name:	W. Carlotte	nvironm	102 F			Company				Ener					Pro	ouram.	UST/PST			nfields RRC	Dunerfund [
Address:	- Name of	Wood A				Address:			- 0.45			Highway				te of P		<u>П</u>	_р.о	inicias Dino	Парстапа Г
City, State ZIP:	72.57	ad, NM 8	J. C. 7.1			City, Sta	The same of the sa		o Cale		88210	riigiiway			Re	porting:	_evel II	Level III	□PST	T/UST TRRP	Level IV
Phone:		66-5456			Email	Wesley		@dvn.c		G, 14111	OOL 10				De	liverable	s: EDD		ADaP	Other:	
			tle Unit #46H										ANI	u veie	DEOUE	СТ				Decement	ive Codes
Project Name: Project Number:			237481		Routine	n Around ✓ Rusi		Pres.					AINA	AL TOIS	REQUE	31	T		Т	Preservati None: NO	DI Water: H ₂ O
Project Location			ea Co. NM		Due Date:		3hr	Code					-			+				Cool: Cool	MeOH: Me
Sampler's Name:			ellan Smith		TAT starts the					RO)									1	HCL: HC	HNO ₃ : HN
PO #:		1	21211758		lab, if rece	eived by 4:3	0pm	2		+ MRO)							1 1			H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECE	PT	Ten	np Blank:	Yes No	Wet Ice:	Yes) No	Parameters	18	DRC	200									H ₃ PO ₄ : HP	
Received Intact:			s) No	Thermom				arar	BTEX 8021B	80	Chloride 4500							4	НОГР	NaHSO ₄ ; NABIS	
Cooler Custody Sea		Yes		Correction	and the second second	11		о.	BTE)	10)	hlor								I	Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Secondarial Containers:	als:	Yes	No N/A	TA BUSINESS	ure Reading: Temperature:	7				8015M (GRO + DRO									100	Zn Acetate+NaO	
otal Comunicio.				Toonecice	Temperature.	I Constant	Grab/	# of		трн 8										TAGOTT AGCORDIC A	Acid. OAI O
Sample Ide	ntification	on	Date	Time	Soil	Water	Comp	Cont												Sample C	omments
SW-	5B		8/30/2023	7	х		Comp	1	х	х	x		Tit E						31		
SW-	16B		8/30/2023		х		Comp	1	x	х	х				7				32		
SW-	7B		8/30/2023		х		Comp	1	х	×	x								33		
SW-			8/30/2023		x		Comp	1	х	×	х		-						34		
SW-2	V. A.		8/30/2023		x		Comp	1	х	×	х								35		
SW-			8/30/2023		х		Comp	1	×	X	х					-1/2-			34		
SW-			8/30/2023		х		Comp	1	х	х	х								37		
SW-	48		8/30/2023		X		Comp	1	х	×	х			4					38		
													-								
Additi	onal C	omment	s:																		

Relinquished by: (Signature)

Received by: (

Printed: 9/1/2023 10:07:54AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	NTG-New Tech Global Environmental	Date Received:	09/01/23 05:4	45	Work Order ID:	E308234
Phone:	(281) 872-9300	Date Logged In:	08/31/23 14:1	16	Logged In By:	Caitlin Mars
Email:		Due Date:		00 (1 day TAT)	_08800 m _ / .	
Chain of	Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location mate	h the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
4. Was th	e COC complete, i.e., signatures, dates/times, request	ed analyses?	No			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted in	the field,	Yes			
Samula 7	i.e, 15 minute hold time, are not included in this disucssion	1.		ı	<u>Comment</u>	ts/Resolution
	Furn Around Time (TAT) a COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provi	ided on COC per
Sample (<u>Cooler</u>				client. SRC email not so	ent per client
7. Was a	sample cooler received?		Yes		request.	
8. If yes,	was cooler received in good condition?		Yes		1	
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
•	ne sample received on ice? If yes, the recorded temp is 4°C, i	e 6°+2°C	Yes			
12. ************************************	Note: Thermal preservation is not required, if samples are minutes of sampling		168			
13. If no	visible ice, record the temperature. Actual sample t	emperature: 4°C	<u> </u>			
	Container_		NT.			
	queous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?	11 4 10	Yes			
	appropriate volume/weight or number of sample contained	ers collected?	Yes			
Field La	bel field sample labels filled out with the minimum infor					
	ample ID?	mation:	Yes			
	Date/Time Collected?		Yes	l		
	Collectors name?		No			
Sample l	Preservation _					
21. Does	the COC or field labels indicate the samples were pre-	served?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved me	etals?	No			
Multipha	ase Sample Matrix					
26. Does	the sample have more than one phase, i.e., multiphase	e?	No			
27. If yes	, does the COC specify which phase(s) is to be analyze	zed?	NA			
Subconti	ract Laboratory					
	amples required to get sent to a subcontract laboratory	/?	No			
	a subcontract laboratory specified by the client and if			ubcontract Lab	: na	
Client I	<u>nstruction</u>					
Client I	<u>nstruction</u>					
						0
Signa	ture of client authorizing changes to the COC or sample disposition	osition.			Date	envirotech I



July 21, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE 44 AND 46

Enclosed are the results of analyses for samples received by the laboratory on 07/19/23 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/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023
Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 1 2.5' (H233760-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	2.20	110	2.00	2.34	
Toluene*	<0.050	0.050	07/19/2023	ND	2.18	109	2.00	1.67	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.31	115	2.00	1.63	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.92	115	6.00	2.00	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	2090	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	497	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: 1H /

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 2 2.5' (H233760-02)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	2.20	110	2.00	2.34	
Toluene*	<0.050	0.050	07/19/2023	ND	2.18	109	2.00	1.67	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.31	115	2.00	1.63	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.92	115	6.00	2.00	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	926	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	170	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	67.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.5	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 3 2.5' (H233760-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	2.20	110	2.00	2.34	
Toluene*	<0.050	0.050	07/19/2023	ND	2.18	109	2.00	1.67	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.31	115	2.00	1.63	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.92	115	6.00	2.00	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	379	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	73.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	50.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: 1H /

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 4 2.5' (H233760-04)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	2.20	110	2.00	2.34	
Toluene*	<0.050	0.050	07/19/2023	ND	2.18	109	2.00	1.67	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.31	115	2.00	1.63	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.92	115	6.00	2.00	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	2140	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	599	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Celey D. Kreene



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 5 2.5' (H233760-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	2.20	110	2.00	2.34	
Toluene*	<0.050	0.050	07/19/2023	ND	2.18	109	2.00	1.67	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.31	115	2.00	1.63	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.92	115	6.00	2.00	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	422	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	64.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 6 2.5' (H233760-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	2.20	110	2.00	2.34	
Toluene*	<0.050	0.050	07/19/2023	ND	2.18	109	2.00	1.67	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.31	115	2.00	1.63	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.92	115	6.00	2.00	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	247	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	47.7	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Celey D. Keine



Shari Cisneros

Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 7 2.5' (H233760-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	QR-03
Toluene*	0.170	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	0.146	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	QR-03
Total Xylenes*	0.989	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	1.31	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	33.2	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	1350	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	252	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	111	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 8 2.5' (H233760-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	329	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	108	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	116 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	152 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023
Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 9 2.5' (H233760-09)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	290	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	59.2	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	111	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 10 2.5' (H233760-10)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	111	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

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Sample Received By:

07/19/2023

Shari Cisneros

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date:

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 11 2.5' (H233760-11)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	0.310	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	0.374	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	2.95	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	3.64	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	132	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	66.9	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	3580	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	790	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 12 2.5' (H233760-12)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	13.3	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 13 2.5' (H233760-13)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	166	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	39.6	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 14 2.5' (H233760-14)

BTEX 8021B	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/20/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	< 0.050	0.050	07/20/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	915	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	183	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	158	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 15 2.5' (H233760-15)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	473	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	83.5	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 16 2.5' (H233760-16)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	29.8	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 17 2.5' (H233760-17)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	436	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	80.9	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 18 2.5' (H233760-18)

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	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	1750	10.0	07/20/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	401	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	18						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 19 2.5' (H233760-19)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	162	80.8	200	5.09	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	172	86.1	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 20 2.5' (H233760-20)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	19.0	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	99.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	'8						

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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 21 2.5' (H233760-21)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	129	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	18.5	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	124	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	147	% 49.1-14	'8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 22 2.5' (H233760-22)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	638	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	163	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	122	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 23 2.5' (H233760-23)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	912	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	226	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 24 2.5' (H233760-24)

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	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 25 2.5' (H233760-25)

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	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	2890	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	768	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celey D. Keene



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 26 2.5' (H233760-26)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	1.96	97.9	2.00	2.73	
Toluene*	<0.050	0.050	07/19/2023	ND	1.92	96.2	2.00	0.972	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	1.91	95.5	2.00	2.21	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	6.20	103	6.00	2.02	
Total BTEX	<0.300	0.300	07/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/20/2023	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	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	100 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023

Reported: 07/21/2023
Project Name: THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sampling Date: 07/19/2023

Sampling Type: Soil

Sample Received By: Shari Cignerou

Sample Received By: Shari Cisneros

Sample ID: CS - 27 2.5' (H233760-27)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	628	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	142	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Shari Cisneros

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Name: THISTLE 44 AND 46 Sampling Condition:
Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 28 2.5' (H233760-28)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/20/2023	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	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	44.9	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	18						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 29 2.5' (H233760-29)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	07/20/2023	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	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	16.9	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	127	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	145	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: MC

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 30 2.5' (H233760-30)

RTFY 8021R

BIEX 8021B	mg/kg		Anaiyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	12.4	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 31 2.5' (H233760-31)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	07/20/2023	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	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	25.5	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 32 2.5' (H233760-32)

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	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	169	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	27.3	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	18						

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Celey D. Keene



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 33 2.5' (H233760-33)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	80.5	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	15.3	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 34 2.5' (H233760-34)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	< 0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	47.4	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	130	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	148	% 49.1-14	18						

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Celey D. Keine



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 35 2.5' (H233760-35)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	583	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	239	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	121 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

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Celey D. Keene



Sample Received By:

07/19/2023

Shari Cisneros

Analytical Results For:

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

Analyzed By: MC

Fax To:

Received: 07/19/2023 Sampling Date:

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 36 2.5' (H233760-36)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	07/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	44.3	10.0	07/21/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	133	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	154	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 37 2.5' (H233760-37)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1300	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	13.9	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Analytical Results For:

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

07/19/2023 07/21/2023

THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shari Cisneros

Sample ID: CS - 38 2.5' (H233760-38)

Received:

Reported:

Project Name:

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	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	1280	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	381	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	135	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 39 2.5' (H233760-39)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	175	87.7	200	2.08	
DRO >C10-C28*	12.7	10.0	07/20/2023	ND	184	91.8	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 40 2.5' (H233760-40)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	57.8	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Celey D. Keene



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023
Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Location: DEVON - EDDY CO., NM

226502

Sample ID: CS - 41 2.5' (H233760-41)

Project Number:

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	69.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 42 2.5' (H233760-42)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	11.6	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	18						

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Celey D. Keene



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 43 2.5' (H233760-43)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	07/20/2023	ND	2.06	103	2.00	1.08	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.98	99.0	2.00	1.59	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.97	99.4	6.00	1.94	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	33.5	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Analytical Results For:

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

07/19/2023

Reported: 07/21/2023

Project Name: THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shari Cisneros

Sample ID: CS - 44 2.5' (H233760-44)

Received:

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	52.9	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 45 2.5' (H233760-45)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023
Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 46 2.5' (H233760-46)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1810	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	56.8	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 47 2.5' (H233760-47)

BTEX 8021B	mg	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	77.9	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	15.6	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	18						

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Sample Received By:

Shari Cisneros

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 48 2.5' (H233760-48)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Shari Cisneros

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Name: THISTLE 44 AND 46 Sampling Condition:
Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 49 2.5' (H233760-49)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 50 2.5' (H233760-50)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Analytical Results For:

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

07/19/2023 Reported: 07/21/2023

Project Name: THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shari Cisneros

Sample ID: CS - 51 2.5' (H233760-51)

Received:

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 52 2.5' (H233760-52)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 53 2.5' (H233760-53)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	52.3	10.0	07/21/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	127	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	147	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 54 2.5' (H233760-54)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 55 2.5' (H233760-55)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	60.8	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	10.5	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	18						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Reported:

07/21/2023 THISTLE 44 AND 46

mg/kg

Project Name: Project Number: 226502

Project Location: DEVON - EDDY CO., NM Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

Sample ID: CS - 56 5' (H233760-56)

BTEX 8021B

DILX GOZID	mg/	, kg	Andryzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

Analyzed By: MS

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Analytical Results For:

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

07/19/2023

ma/ka

Reported: 07/21/2023

Project Name: THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Sample ID: CS - 57 5' (H233760-57)

Received:

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/20/2023	ND	416	104	400	3.77	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	14.9	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

Applyzod By: MC

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Analytical Results For:

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

Received: 07/19/2023

07/21/2023

Sampling Type:

Project Name: THISTLE 44 AND 46 Project Number: 226502

Project Location: DEVON - EDDY CO., NM Sampling Date: 07/19/2023

Soil

Sampling Condition: Cool & Intact Sample Received By:

Shari Cisneros

Sample ID: CS - 58 5' (H233760-58)

Reported:

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	607	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	231	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	141	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 59 3' (H233760-59)

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	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	164	82.0	200	1.24	
DRO >C10-C28*	23.8	10.0	07/20/2023	ND	187	93.4	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 60 3' (H233760-60)

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	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 61 5' (H233760-61)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	11.3	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023
Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

ma/ka

Sample ID: CS - 62 5' (H233760-62)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

Applyzod By: MC

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 63 5' (H233760-63)

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	07/20/2023	ND	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	07/20/2023	ND	2.13	107	2.00	2.57	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.05	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.13	102	6.00	1.27	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: 1H /

Project Location: DEVON - EDDY CO., NM

ma/ka

Sample ID: CS - 64 3' (H233760-64)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	22.9	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Shari Cisneros Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 65 1' (H233760-65)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	173	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	47.9	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

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

Fax To:

 Received:
 07/19/2023
 Sampling Date:
 07/19/2023

 Reported:
 07/21/2023
 Sampling Type:
 Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: 1H /

Project Location: DEVON - EDDY CO., NM

ma/ka

Sample ID: CS - 66 1' (H233760-66)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	935	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	221	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	151	% 49.1-14	8						

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Celey & Keene



Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: 1H /

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 1 0-2.5' (H233760-67)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	4170	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	1440	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	183	% 49.1-14	8						

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Celey D. Keene



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 2 0-2.5' (H233760-68)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	115	10.0	07/21/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	29.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	141 9	% 49.1-14	8						

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Celey D. Keene



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 3 0-2.5' (H233760-69)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	16.0	10.0	07/21/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 4 0-2.5' (H233760-70)

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	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	20.8	10.0	07/21/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 5 0-2.5' (H233760-71)

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	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	235	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	36.2	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	113 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	143 9	% 49.1-14	8						

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Analytical Results For:

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

07/19/2023

Reported: 07/21/2023

Project Name: THISTLE 44 AND 46

Project Number: 226502

Received:

RTFY 8021R

Project Location: DEVON - EDDY CO., NM Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shari Cisneros

Sample ID: SW - 6 0-2.5' (H233760-72)

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	288	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	108	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	150	% 49.1-14	8						

Analyzed By: 1H /

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: 1H /

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 7 0-2.5' (H233760-73)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	210	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	56.4	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	141	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 8 0-2.5' (H233760-74)

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	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	2460	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	595	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 9 0-2.5' (H233760-75)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	799	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	271	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	148 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 10 0-2.5' (H233760-76)

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	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	07/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	138	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	79.7	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Analyzed By: 1H /

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 11 0-2.5' (H233760-77)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	07/20/2023	ND	432	108	400	0.00	QM-07
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	488	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	187	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	174	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 12 0-2.5' (H233760-78)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	349	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	124	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	18						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 13 0-2.5' (H233760-79)

BTEX 8021B	mg	mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	0.093	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7400	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	19.9	10.0	07/20/2023	ND	157	78.5	200	5.02	
DRO >C10-C28*	3790	10.0	07/20/2023	ND	158	79.1	200	5.20	
EXT DRO >C28-C36	769	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	18						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 14 0-2.5' (H233760-80)

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	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	42.5	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	16.1	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 15 0-2.5' (H233760-81)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	212	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	52.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 16 0-2.5' (H233760-82)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	104	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	45.6	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	6 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Analyzed By: 1H /

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 17 0-2.5' (H233760-83)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	2.18	109	2.00	2.70	
Toluene*	<0.050	0.050	07/20/2023	ND	2.08	104	2.00	0.403	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.24	112	2.00	1.13	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.71	112	6.00	0.413	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	3610	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	970	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	144	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 18 0-5' (H233760-84)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	71.5	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	25.1	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 19 0-5' (H233760-85)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	96.0	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	35.5	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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07/19/2023

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date:

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: MC

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 20 0-1' (H233760-86)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	449	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	195	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 21 0-3' (H233760-87)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	2030	10.0	07/21/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	670	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	18						

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Celeg & Freene



Shari Cisneros

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Name: Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 22 2.5-5' (H233760-88)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	<10.0	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 23 3-5' (H233760-89)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	20.2	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 24 1-5' (H233760-90)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	800	10.0	07/20/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	270	10.0	07/20/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

ma/ka

Sample ID: SW - 25 (H233760-91)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2023	ND	1.98	98.8	2.00	3.07	
Toluene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	3.63	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	1.91	95.6	2.00	2.62	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	6.20	103	6.00	2.34	
Total BTEX	<0.300	0.300	07/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	165	82.6	200	2.48	
DRO >C10-C28*	1150	10.0	07/21/2023	ND	173	86.6	200	1.90	
EXT DRO >C28-C36	330	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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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Ch Ch	Jack .	Relinquished by: (Signature)	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions 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.	Additional Comments:	cs-/0 2.5	15.2 6-23	5.2 8-8)	C5-7 25'	CS-6 Z.5	CS-5 2.5'	(5.5 4-5)	(5-7 2.5"	W-2 2.5	(5-1 2.5)	sample identification	Comple Hantification	Total Containers: Yes	+		CEIPT	PO# 2096	Sampler's Name: KS/+	Eddy	726	Project Name: 7 154	Phone: 254-266-5456	City, State ZIP: Carlsbad, NM 88220	Address: 402 E Wood Ave	Company Name: NTG Environmental	Project Manager: Ethan Sessums	ENVIRONMENTA
	Mount	Rec	nquishment of samples co cost of samples and shall be applied to each project	nts:	12	/2:	2(12:	21	2	1 12	12	1 12	7/19/15	Date		NO CNA	NO (N/A)	No Se	Temp Blank: Yes	15551	4	Co MA	502	4 bas 44 or	6	N 88220	Ave	mental	ıms	TAL
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	5	re)	e order from client c ibility for any losses ich sample submitte		^								1	2	Water Comp	Grabl	200		140	Xes No	lab, if received by 4:30pm	TAT starts the day received by the	148/1	Rush	Turn Around	Wesley.Mathews@dvn.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)	
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	123 15:15	Date/Time	o, its affiliates and increase by the client of analyzed. These											×		трн 8	015M	(G		DRO) + M	RO)					Artesia, NM 88210	6488 Seven Rivers Highway	Devon Energy	Wesley Mathews	
o.	4 2	Relinquished by: (Signature)	subcontractors. It assigns str if such losses are due to circue terms will be enforced unles																						ANALYSIS		0	s Highway			
		ignature) Rec	It assigns standard terms and conditions due to circumstances beyond the contro forced unless previously negotiated.																						NALYSIS REQUEST	Deliverables: EDD	Reporting:Level II Level III	State of Project:	Program: UST/		
		Received by: (Signature)	<u>o</u> #													Nach	Zn Ac		oLD NaHS	н _з Ро	H ₂ S0 ₄ : H ₂	HCL: HC	Cool	None NO		DD ADaPT	II Level III PST/UST	r	Program: UST/PST □PRP □Brownfields □RRC	Work Order Comments	Page 1 of
		Date/Time													Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H ₃ PO ₄ : HP			Col McOH: Ma		Preservative Codes	Other:	☐RRP ☐ Level IV ☐		s RRC Duperfund	nents	Page 1 of 10



Page Work Order Comments			n								
Work Order Comments Program: UST/PST PRP Brownfields RRC State of Project: Reporting:Level II Level III BST/UST TRRP Deliverables: EDD ADaPT Other: ANALYSIS REQUEST Preservativ None: NO Cool: Cool HCL: HC H-50Q; H2 Na(S-Q); NaSQ, 2n Accitate+NaOH: NaOH+Ascorbic Activate NaoH+Ascorbic NaoH+Ascorbic Activate NaoH+Ascorbic NaoH+Ascorbic Activate NaoH+Ascorbic NaoH+Ascorbic NaoH+Ascorbic Activate NaoH+Ascorbic NaoH+Ascor			4 2	15:15	1/19/2	\	Prove		WATA		
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Work Order Comments Page Work Order Comments Program: UST/PST PRP Brownfields RRC State of Project: Reporting:Level Level PST/UST TRRP Deliverables: EDD ADaPT Other: ANALYSIS REQUEST Preservativ None: NO Cool: Cool HCL: HC H-2SO4: H-2 NaHSO4: NABIS Na-52-04: NASO4: NASO5 Zn Acetale-NaOH: NaOH+Ascorbic Ac Sample Con Sample Con		is and conditions eyond the control regotiated.	If such losses are due to circumstances be terms will be enforced unless previously	urred by the client not analyzed. These	Xenco, but r	h sample submitted to	ne any responsitionarge of \$5 for each	oject and a ch	applied to each pr	e of \$85.00 will be a	Relinquished by: (
Ethan Sessums		-	sibrostrados I acidos de la contracto de la co	o, its affillates and	pany to Xenco	order from client com	a valid purchase	es constitutes	shment of sample	al Comments: "ument and relinqui	Addition Ce: Signature of this does Cervice. Xenco will be liab
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Ethan Sessums Bill to: (a different) Wesley Mathews Page Work Order Comments					-			12:24		7.5	
Bill to: (If different) Bill to: (If different) Wasley Mathews Page					-		_	12:22	_	2.5	07/2
Page Work Order Comments Page Pa	Sample Comment			XXX		<u> </u>	X	12:20		2.5	11-50
Bill to: (r definerent) Wesley Mathews	2			Т	Cont	_	Soll	lime	Cata		
Bill to: (It different) Wesley Mathews Program: UST/PST PRP Work Order Comments	NaOH+Ascorbic Acid: SAF			PH 8	# 25	-11			Data	ification	Sample Ident
Ethan Sessums Bill to: (t defferent) Wesley Mathews Page Work Order Comments	Zn Acetate+NaOH: Zn			_		1	Temperature:	Corrected .			otal Containers:
Bill to: (if different) Wesley Mathews Work Order Comments	Na ₂ S ₂ O ₃ : NaSO ₃	н		М (0		300	re Reading:	Temperatu		Yes	ample Custody Seal
Ethan Sessums	NaHSO ₄ : NABIS	OLD		GRO	Par	1	Factor:	Correction	NO (N/A)	Yes	ooler Custody Seals
Ethan Sessums Bill to: (if different) Wesley Mathews Work Order Comments	H ₃ PO ₄ : HP			+ D	ame		ter ID:	Thermome	No (St		eceived Intact:
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Chain of Custody





Project Manager:

Ethan Sessums

Wesley Mathews

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Chain of Custody





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Phone: 254	254-266-5456	Email:	Wesley.Mathews@dvn.com	s@dvn.com	om		Deliverables: EDD	ADapt D	Other Level 14
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Chain of Custody

Company Name: Address:

402 E Wood Ave NTG Environmental

Bill to: (if different) Company Name: Address:

6488 Seven Rivers Highway

State of Project:

Devon Energy Wesley Mathews

ate ZIP:	Carlsbad, NM 88220			City, State ZIP:		Artesia, NM 88210	88210			Reporting:Level II Level III PST/UST	Level III DST	RRP	Level IV
Phone: 2	254-266-5456		Email:	Email: Wesley.Mathews@dvn.com	ws@dvn.cc	m				Deliverables: EDD	□ ADaPT □	Other	
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Mathews@dvn.	com			Other
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Project Manager: Company Name:

Ethan Sessums NTG Environmental

402 E Wood Ave

Address:

6488 Seven Rivers Highway

State of Project:

Program: UST/PST PRP Brownfields RRC

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Work Order Comments

Wesley Mathews Devon Energy

Bill to: (if different)
Company Name:

Address:

City, State ZIP:	Carlsbad, NM 88220			City, State ZIP		Artesia, NM 88210	M 88210		Reporting	Reporting:Level DST/IST	DST/III	ST Treppe Therein
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Sampler's Name:	_		TAT starts the lab, if recei	TAT starts the day received by the lab, if received by 4:30nm	8	MRO)			_		H C	HCL: HC HNO ₃ : HN
SAMPLE RECEIPT	Temp Blank:	Yes Mo	Wet Ice	5	ters	_	0				H ₂	H ₂ S0 ₄ : H ₂ NaOH: Na
Received Intact:	Xes No	コム	ter ID:	100	ame	021E	450					H₃PO₄: HP
Cooler Custody Seals:	Yes No		Factor:	1	Par	_	ride				OLD Na	NaHSO ₄ : NABIS
Sample Custody Seals:		9	ding:	3 aco HM	Ş	_	Chlo					Na ₂ S ₂ O ₃ : NaSO ₃
Total Containers:		Corrected :	in.	1	k	8015				_	Zn	Zn Acetate+NaOH: Zn
Sample Identification	ification Date		Soil	Water Grab/	# of	трн :					Z	NaUH+Ascorbic Acid: SAPC
21 12	1000			Comp	Cont							Sample Comments
00000	11/1/001/1/1/	11:2 57/10	>	0		X	×					
2000		20.02	-			-	-					
N-18 (0-5'	11.7	-	-		+	F					
SW-19 (0-5')	35.6	-	-		+	+		-			
SW-20 ((0-1,)	2:46	-	-		-	+		+		-	
S W-2) ((0-3')	14.7		-	-	+	-		-			
SW-27 (2.5-5')	2:48		-			+		-		-	
5W-23	(3.5.)	2:49		-			-		+		-	
50- Ed	(1-5.)	2:50	,				-		+		+	
Addition	Additional Comments:											
otice: Signature of this doo service. Xenco will be lial Xenco. A minimum chara	otice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It 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	samples constitutes	a valid purchase me any responsib	order from client c	ompany to Xeno	co, its affiliat	es and subc	voltce: 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 Xenco. A minimum charge of 865 nm will be specified and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances havened the control	terms and cond	ditions		
Relinquished by: (Signature)	Relinquished by: (Signature) Received by: (Signature) Relinquished by: (Signature)	Received I	Received by: (Signature)	a)	Dat	Date/Time		Relinquiched by: (Cigarity Regotiated	ously negotiate			
poult	Draw Draw		Ross		7/19/	23 /5	1/5 2	, and a second	10	received by (oighdule	(ampire)	Date/Time
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k Order No: H23	k Order No: 4233	k Order No: 42337	
rder No: H23	rder No: 14233	rder No: 1423371	
1 No. 123	1 No: 14233	*No: 1423371	
EPH:	:H233	:H23371	
423	4233	423371	
23	233	2337	_
S	33	337	>
	W	37	J
U	2	0	

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Revised Date 05012020 Rev. 2020.1



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinquished By: Sampler - UPS - Bus - Other: analyses. All claims including those for negligence and any other or service. In no event shall Cardinal be liable for incidental or conse Relinquished By: PLEASE NOTE: Liability and Delivered By: (Circle One) Project Location: 4333760 Sampler Name: Project Name: Project Manager: Project #: Phone #: Address: Company Name: Lab I.D. FOR LAB USE ONLY 254-266-5456 (575) 393-2326 FAX (575) 393-2476 Cth Sample I.D. Observed Temp. °C Corrected Temp. °C HIN CONS Time: † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com Fax #: Project Owner; State: S shall be deemed waived #140 في Received By: (G)RAB OR (C)OMP Zip: eceived By: rou # CONTAINERS GROUNDWATER Yes Nes Sample Condition WASTEWATER made in writing and received by Cardinal within 30 days after co X SOIL MATRIX OIL SLUDGE loss of use, or loss of profits incurred by client, its subsidiaries OTHER Fax #: Phone #: State: 1/1/2ip: 48210 City: Hote. Address: 6488 Seun Ri Attn: Company: P.O. #: 1699555 ACID/BASE PRESERV CHECKED BY: ICE / COOL (Initials) OTHER BILL TO 119/2 2:51 DATE)evonbner, SAMPLING Turnaround Time: Correction Factor -0.686-All Results are emailed. Please provide Email address: REMARKS: rerbal Result: TIME on of the applicable X □ Yes X SUH8h Standard Chlorida X 4500 ON O Add'l Phone #: ANALYSIS REQUEST Cool Intact □ Yes □ Yes □ No Bacteria (only) Sample Condition Observed Temp. °C Corrected Temp. °C

Page 103 of 103



August 03, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT #46

Enclosed are the results of analyses for samples received by the laboratory on 08/01/23 13:54.

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 1 4' (H234053-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	34.5	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 2 4' (H234053-02)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	97.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Applyzod By: MC

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: CS - 3 4' (H234053-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: CS - 4 4' (H234053-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 5 4' (H234053-05)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	< 0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 6 4' (H234053-06)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

 Received:
 08/01/2023
 Sampling Date:
 08/01/2023

 Reported:
 08/03/2023
 Sampling Type:
 Soil

Reported: 08/03/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481 Sample Received By: Tamara Oldaker
Project Location: DEVON - LEA CO., NM

Sample ID: CS - 7 4' (H234053-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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08/01/2023

Analytical Results For:

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

Received: 08/01/2023 Sampling Date:

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 8 4' (H234053-08)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 9 4' (H234053-09)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 11 4' (H234053-10)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 13 4' (H234053-11)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 14 4' (H234053-12)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	08/02/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 15 4' (H234053-13)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PI	D 104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/02/2023	ND	416	104	400	3.77	
ГРН 8015М	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						
EXT DRO >C28-C36 Surrogate: 1-Chlorooctane	<10.0	10.0 % 48.2-13	08/02/2023			-			

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 17 4' (H234053-14)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 18 4' (H234053-15)

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	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 20 4' (H234053-16)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	99.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 21 4' (H234053-17)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	18						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 22 4' (H234053-18)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	18						

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08/01/2023

Analytical Results For:

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

Received: 08/01/2023 Sampling Date:

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 23 4' (H234053-19)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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08/01/2023

Analytical Results For:

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

Received: 08/01/2023 Sampling Date:

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 24 4' (H234053-20)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	4.78	
Toluene*	<0.050	0.050	08/02/2023	ND	2.08	104	2.00	5.19	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.12	106	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.39	106	6.00	4.23	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3800	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 25 4' (H234053-21)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	165	82.3	200	0.428	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	163	81.7	200	5.08	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	100 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 27 4' (H234053-22)

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	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023

mg/kg

Reported: 08/03/2023

Project Name: THISTLE UNIT #46
Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sampling Date: 08/01/2023

Sampling Type: Soil

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

Sample ID: CS - 29 4' (H234053-23)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

Analyzed By: JH/

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 31 4' (H234053-25)

BTEX 8021B	mg/	kg	Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 32 4' (H234053-26)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	177	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	58.4	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 33 4' (H234053-27)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Soil

Analytical Results For:

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

Sampling Type:

Received: 08/01/2023 Sampling Date: 08/01/2023 Reported:

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

08/03/2023

Sample ID: CS - 35 4' (H234053-28)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.8	% 49.1-14	8						

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08/01/2023

Analytical Results For:

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

Sampling Date:

Received: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 37 4' (H234053-29)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023

Reported: 08/03/2023

Project Name: THISTLE UNIT #46

Project Number: 237481

Project Location: DEVON - LEA CO., NM Sampling Date: 08/01/2023

Sampling Type: Soil

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

Sample ID: CS - 38 4' (H234053-30)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: CS - 39 4' (H234053-31)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.150 <0.300	Reporting Limit 0.050 0.050 0.050 0.150	Analyzed 08/02/2023 08/02/2023 08/02/2023	Method Blank ND ND	BS 2.11 1.99	% Recovery 105 99.5	True Value QC 2.00 2.00	RPD 5.41	Qualifier
<0.050 <0.050 <0.150	0.050 0.050	08/02/2023	ND				5.41	
<0.050 <0.150	0.050			1.99	99.5	2.00		
<0.150		08/02/2023	ND			2.00	4.95	
	0.150		ND	2.05	103	2.00	5.40	
<0.300		08/02/2023	ND	6.08	101	6.00	5.78	
	0.300	08/02/2023	ND					
113 %	71.5-13	4						
mg/kg		Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
288	16.0	08/02/2023	ND	400	100	400	7.69	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
<10.0	10.0	08/02/2023	ND					
93.3	% 48.2-13	4						
	mg/ Result <10.0 <10.0 <10.0	288 16.0 mg/kg Result Reporting Limit < 10.0 10.0 < 10.0 10.0 < 10.0 10.0	288 16.0 08/02/2023 mg/kg Analyze Result Reporting Limit Analyzed <10.0	288 16.0 08/02/2023 ND mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	288 16.0 08/02/2023 ND 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	288 16.0 08/02/2023 ND 400 100 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	288 16.0 08/02/2023 ND 400 100 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	288 16.0 08/02/2023 ND 400 100 400 7.69 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: CS - 40 4' (H234053-32)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.6	% 49.1-14	8						

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Sample Received By:

08/01/2023

Tamara Oldaker

Analytical Results For:

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

Received: 08/01/2023 Sampling Date:

Reported: 08/03/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 42 4' (H234053-33)

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	08/02/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/02/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/02/2023	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	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 45 4' (H234053-34)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	08/02/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 46 4' (H234053-35)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	08/02/2023	ND	432	108	400	0.00	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 47 4' (H234053-36)

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	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: CS - 49 4' (H234053-37)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

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08/01/2023

Cool & Intact

Tamara Oldaker

Analytical Results For:

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

Sampling Date:

Received: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Sample Received By: Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 50 4' (H234053-38)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	100 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 %	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: CS - 51 4' (H234053-39)

RTFY 8021R

BIEX 8021B	mg,	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	< 0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	< 0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: CS - 52 4' (H234053-40)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6960	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: CS - 53 4' (H234053-41)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.11	105	2.00	5.41	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.05	103	2.00	5.40	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.08	101	6.00	5.78	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4040	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	171	85.4	200	0.556	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	3.92	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 55 4' (H234053-42)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	90.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 59 5' (H234053-43)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	< 0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	31.3	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 60 5' (H234053-44)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 64 5' (H234053-45)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 65 2' (H234053-46)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	234	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	40.8	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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08/01/2023

Cool & Intact

Tamara Oldaker

Analytical Results For:

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

Sampling Date:

Sampling Condition:

Sample Received By:

Received: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46
Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 1A 0-4' (H234053-47)

Analyte Result Reporting Limit Analyzed Method Blank BS Benzene* <0.050 0.050 08/03/2023 ND 2.14 Toluene* <0.050 0.050 08/03/2023 ND 2.09	% Recovery 107 104	True Value QC 2.00 2.00	RPD 4.41	Qualifier
• •			4.41	
Toluene* <0.050 0.050 09/02/2022 ND 2.00	104	2 00		
Toluene* <0.050 0.050 08/03/2023 ND 2.09		2.00	6.28	
Ethylbenzene* <0.050 0.050 08/03/2023 ND 2.10	105	2.00	3.72	
Total Xylenes* <0.150 0.150 08/03/2023 ND 6.31	105	6.00	4.11	
Total BTEX <0.300 0.300 08/03/2023 ND				
Surrogate: 4-Bromofluorobenzene (PID 101 % 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 1220 16.0 08/02/2023 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 08/02/2023 ND 172	86.0	200	6.18	
DRO >C10-C28* <10.0 10.0 08/02/2023 ND 180	90.0	200	4.36	
EXT DRO >C28-C36 <10.0 10.0 08/02/2023 ND				
Surrogate: 1-Chlorooctane 95.9 % 48.2-134				
Surrogate: 1-Chlorooctadecane 107 % 49.1-148				

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08/01/2023

Analytical Results For:

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

Received: 08/01/2023 Sampling Date:

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 2A 0-4' (H234053-48)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	14.3	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	18						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 5A 0-4' (H234053-49)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 6A 0-4' (H234053-50)

2.00 4.41 2.00 6.28 2.00 3.72 6.00 4.11	Qualifier
2.00 6.28 2.00 3.72	Qualifier
2.00 3.72	Qualifier
	Qualifier
6.00 4.11	Qualifier
	Qualifier
	Qualifier
	Qualifier
	Qualifier
ue Value QC RPD	
400 0.00	
ue Value QC RPD	Qualifier
200 6.18	
200 4.36	
	200 4.36

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Analytical Results For:

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

Fax To:

 Received:
 08/01/2023
 Sampling Date:
 08/01/2023

 Reported:
 08/03/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 7A 0-4' (H234053-51)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	18						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 8A 0-4' (H234053-52)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023 Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 9A 0-4' (H234053-53)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	95.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Tamara Oldaker

Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Name: THISTLE UNIT #46 Sampling Condition:
Project Number: 237481 Sample Received By:

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 10A 0-4' (H234053-54)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PL	D 104	% 71.5-13	34						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	08/02/2023	ND	416	104	400	3.92	QM-07
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	18						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	18						

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Analytical Results For:

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

Received: 08/01/2023 08/03/2023

Project Name: THISTLE UNIT #46

Project Number: 237481

Reported:

Project Location: DEVON - LEA CO., NM Sampling Date: 08/01/2023

Sampling Type: Soil

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

Sample ID: SW - 11A 0-4' (H234053-55)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 12A 0-4' (H234053-56)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	< 0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 13A 0-4' (H234053-57)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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08/01/2023

Analytical Results For:

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

Sampling Date:

Received: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Number: 237481 Sample Received By: Tamara
Project Location: DEVON - LEA CO., NM

Sample ID: SW - 15A 0-4' (H234053-58)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4040	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 16A 0-4' (H234053-59)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 17A 0-4' (H234053-60)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 18A 0-5' (H234053-61)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	2.14	107	2.00	4.41	
Toluene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	6.28	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.10	105	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.31	105	6.00	4.11	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	172	86.0	200	6.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	180	90.0	200	4.36	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celeg & Keene



Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 19A 0-5' (H234053-62)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	1.98	99.2	2.00	0.642	
Toluene*	<0.050	0.050	08/03/2023	ND	1.90	95.2	2.00	0.971	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.95	97.6	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.76	95.9	6.00	0.697	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	170	85.0	200	5.51	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	184	92.0	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 20A 0-2' (H234053-63)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	1.98	99.2	2.00	0.642	
Toluene*	<0.050	0.050	08/03/2023	ND	1.90	95.2	2.00	0.971	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.95	97.6	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.76	95.9	6.00	0.697	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	170	85.0	200	5.51	
DRO >C10-C28*	12.8	10.0	08/02/2023	ND	184	92.0	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	99.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 21A 0-5' (H234053-64)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	1.98	99.2	2.00	0.642	
Toluene*	<0.050	0.050	08/03/2023	ND	1.90	95.2	2.00	0.971	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.95	97.6	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.76	95.9	6.00	0.697	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	170	85.0	200	5.51	
DRO >C10-C28*	37.3	10.0	08/02/2023	ND	184	92.0	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	8						

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Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023 Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 24A 2-5' (H234053-65)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	1.98	99.2	2.00	0.642	
Toluene*	<0.050	0.050	08/03/2023	ND	1.90	95.2	2.00	0.971	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.95	97.6	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.76	95.9	6.00	0.697	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	170	85.0	200	5.51	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	184	92.0	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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Analytical Results For:

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

 Received:
 08/01/2023
 Sampling Date:
 08/01/2023

 Reported:
 08/03/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 66 2' (H234053-67)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	1.98	99.2	2.00	0.642	
Toluene*	<0.050	0.050	08/03/2023	ND	1.90	95.2	2.00	0.971	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.95	97.6	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.76	95.9	6.00	0.697	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	08/02/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	168	83.9	200	5.18	
DRO >C10-C28*	71.1	10.0	08/02/2023	ND	153	76.5	200	6.12	
EXT DRO >C28-C36	28.4	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	70.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.3	% 49.1-14	8						

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Notes and Definitions

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

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.

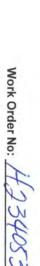
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Freene





Company Name

NTG Environmental 402 E Wood Ave

Address: Company Name: Bill to: (if different)

6488 Seven Rivers Highway

State of Project:

Program: UST/PST PRP Brownfields RRC

_uperfund |

Work Order Comments

of

Devon Energy Wesley Mathews

City State ZIP	Carlsbad NM 88220	220			City State ZIP	IP.	Þ	Artesia NM 88210	NM 882	10			Reportin	g:Level	I 🗆 Leve	≝	ST/UST	RRP	П	Reporting:Level II Level III ST/UST TRRP Level IV	
Dhone:	254_266_5456			Email	Email: Wesley Mathews dvn com	thouse	dyn co	a licona,	001				Deliverables: EDD	oles: EI		AD	ADaPT	Other:			
Project Name:	Thistle	Thistle Unit #46		Turn	Turn Around						ANAL	ALYSIS REQUEST	DUEST					Preservative Codes	ative Co	odes	-
Project Number:	23	237481		Routine	✓ Rush	0.7	Pres. Code		\dashv								None: NO	NO	DI Wa	DI Water: H ₂ O	
Project Location	//Lea	Lea Co. NM		Due Date:	48hr												Cool: Cool	Cool	MeOH	MeOH: Me	
Sampler's Name:	of him Topida	oprdan Tyner		TAT starts the day received by the	day received by	y the		IBO	ikoj								HCL: HC	H	HNO3: HN	HN	
				lab, if recei	lab, if received by 4:30pm		rs		+ 1/1			_				_	H2S04: H2	H ₂	NaOH: Na	1: Na	
SAMPLE RECEIPT	PT Temp Blank:		Yes MO	Wet Ice:	(Yes) No	0	nete							_		_	H ₃ PO	H₃PO₄; HP			
Received Intact:	Yes	No	Thermometer ID:	er ID:	140		aran	802	de 4			_	•	_		DLD		NaHSO4: NABIS	S		
Cooler Custody Seals	Υ.	NIA	Correction Factor	actor:	1	L	Pa							_				Na ₂ S ₂ O ₃ : NaSO ₃	03		
Sample Custody Seals		NA	Temperature Reading:	e Reading:	1.3	00						_				_	Zn Ac	Zn Acetate+NaOH: Zn	OH: Zn		
Total Containers:	5	1	Corrected T	Corrected Temperature:	1	Ľ		1 004	1 801							_	NaOF	NaOH+Ascorbic Acid: SAPC	ic Acid: S	SAPC	
Sample Identification	tification	Date	Time	Soil	Water G	Grab/ #	# of	TOL	IPI			_						Sample Comments	Comme	ents	
CS-1 4	4.	8/1/2023		×	0	-	<u>→</u>	×	×					+							
CS-2 4'	4,	8/1/2023		×	C	Comp	_	×	×												
CS-3 4'	4.	8/1/2023		×	0	Comp	_	×	×							_					
CS-4 4	4'	8/1/2023		×	0	Comp	_	×	×												
CS-5 4	4'	8/1/2023		×	0	Comp	_	×	×												
CS-6 4'	4'	8/1/2023		×	0	Comp	1	×	×												
CS-7 4	4'	8/1/2023		×	0	Comp	_	×	×												
CS-8 4'	4'	8/1/2023		×	0	Comp		×	×												
CS-9 4'	4'	8/1/2023		×	C	Comp	_	×	×												
O CS-11 4	4.	8/1/2023		×	C	Comp	-	×	×			-									
Additio	Additional Comments:																				
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	document and relinquis liable only for the cost arge of \$85.00 will be ap	hment of sampl of samples and oplied to each p	les constitute shall not assu roject and a c	a valid purchas ime any respons harge of \$5 for e	e order from cl ibility for any lo ach sample sub	ient compa osses or ex omitted to	any to Xer cpenses in Xenco, bu	co, its af scurred b t not ana	filiates a y the clie lyzed. Th	nd subcontrac ent if such loss ese terms will	tors. It assigned to the ses are due to be enforced	gns standard o circumstan unless previ	terms and onces beyond fously negot	conditions the contri iated.	2 -						
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Work
Orde
No:
A
23
8
3

Address:

6488 Seven Rivers Highway

State of Project:

Program: UST/PST PRP Brownfields RRC

uperfund

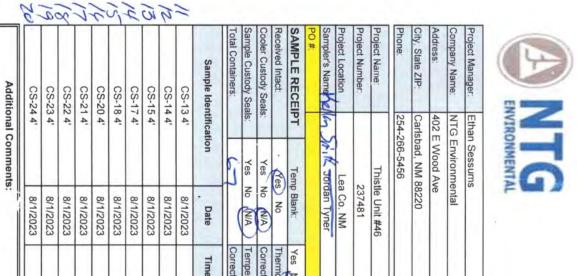
Work Order Comments

9

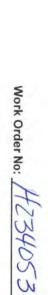
Devon Energy Wesley Mathews

Bill to: (if different) Company Name:





City, State ZIP:	Carlsbad, NM 88220	220			City, State ZIP	ZIP:		Artesia, NM 88210	8 MN	8210			Repor	Reporting:Level III Level III PST/UST DRRP	Level	II □PST/	UST TR	RP Level IV
	254-266-5456			Email:	Email: Wesley.Mathews@dvn.com	Mathews(@dvn.cc	m					Delive	Deliverables: EDD	0	ADaPT 🗆		Other:
roject Name:	Thistle	Thistle Unit #46		Turn	Turn Around						4	ANALYSIS REQUEST	QUEST				Prese	Preservative Codes
roject Number:	23	237481		Routine	√ Rush		Pres. Code										None: NO	DI Water: H ₂ O
roject Location	Lea	Lea Co. NM		Due Date:	48hr	2											Cool: Cool	меон: ме
Sampler's Name (L)	Sik	Jordan Tyner		TAT starts the day received by the lab, if received by 4:30pm	starts the day received by lab, if received by 4:30pm	d by the			MRO)								HCL: HC	HNO3: HN
SAMPLE RECEIPT	PT Temp Blank		Yes No.	Wet Ice	Non Non	5	eters	В	RO ·	00							H.PO. HP	
Received Intact:				ter ID:	74	0	ram	8021	0+1	le 45							NaHSO₄:·NABIS	IABIS
Cooler Custody Seals	Ye	NA	Correction Factor	Factor:	1		Pa	ΓEX	GR	lorio						но	Na ₂ S ₂ O ₃ : NaSO ₃	laSO ₃
Sample Custody Seals	Yes	NA	Temperatu	Temperature Reading:	1,	Co		В	5M (Ch							Zn Acetate-	Zn Acetate+NaOH: Zn
Total Containers:	13		Corrected	Corrected Temperature:	1				801	_							NaOH+Asc	NaOH+Ascorbic Acid: SAPC
Sample Identification	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH								Samp	Sample Comments
CS-13 4'	3 4'	8/1/2023		×		Grab/	_	×	×	×								
CS-14 4'	4,	8/1/2023		×		Grab/	_	×	×	×								
CS-15 4'	4.	8/1/2023		×		Grab/	_	×	×	×								
CS-17 4	4	8/1/2023		×		Grab/	_	×	×	×								
CS-18 4'	8 4	8/1/2023		×		Grab/	_	×	×	×								
CS-20 4') 4"	8/1/2023		×		Grab/	1	×	×	×								
CS-21 4	4	8/1/2023		×		Grab/	_	×	×	×								
CS-22 4	2 4'	8/1/2023		×		Grab/	_	×	×	×								
CS-23 4	8 4"	8/1/2023		×		Grab/	1	×	×	×								
CS-24 4'	44'	8/1/2023		×		Grab/	_	×	×	×								
Additio	Additional Comments:										Í							
lotice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	document and relinquis liable only for the cost arge of \$85.00 will be a	hment of samp of samples and oplied to each p	les constitut shall not as:	es a valid purchas sume any respons charge of \$5 for e	se order from sibility for an	oclient com ly losses or submitted to	pany to Xe expenses o Xenco, b	incurred ut not ar	affiliate by the halyzed.	s and sul client if s These to	contractors. uch losses an	It assigns standa e due to circumst nforced unless pro	standard terms and condi- rcumstances beyond the co- less previously negotiated.	d conditions nd the contro ootiated.				
Relinquished by (Signature)	(Signature)	1	Received	Received by/(Signature)	ire) //		D	Date/Time	me		Relinquished by:	1000	(Signature)	Rec	Received by: (Signature)	(Signatur	е)	Date/Time
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										on.								





Company Name:

NTG Environmental

402 E Wood Ave

Address:

6488 Seven Rivers Highway

Devon Energy Wesley Mathews

Bill to: (if different) Company Name:

Address:	402 E Wood Ave	ve			Address:		6	488 Sev	6488 Seven Rivers Highway	s Highwa	ay.		0	State of Project:	loject:				
City, State ZIP:	Carlsbad, NM 88220	38220			City, State ZIP	P	A	rtesia, N	Artesia, NM 88210	0			70	eporting:	Level II	Level		Reporting:Level III	ا ر ا
Phone:	254-266-5456			Email:	Email: Wesley.Mathews@dvn.com	thews@	dvn.cor	В					D	Deliverables: EDD	s: EDD		ADa	ADaPT Other:	
Project Name:	This	Thistle Unit #46		Turn	Turn Around						AN	ALYSIS	ANALYSIS REQUEST	TS				Preservative Codes	tive Co
Project Number:		237481		Routine	✓ Rush	0.0	Pres. Code										-	None: NO	DI Water: H ₂ O
Project Location	Le Le	Lea Co. NM		Due Date:	48hr			\dashv			-			-			\dashv	Cool: Cool	MeOH: Me
Sampler's Name:	My Wypy	Jordan Tyner		TAT starts the day received by the	day received by	the		IRO	110)					_				HCL: HC	HNO3: HN
PO #:				lab, if recei	lab, if received by 4:30pm		s	+ M						_				H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet lce:	Yes No		neter	20.50	1000								_	H ₃ PO ₄ : HP	
Received Intact:	Yes	s) No		ter ID:	041												LD		0)
Cooler Custody Seals	Yes	No (N/A)	Correction Factor	Factor	\			GR	lorid								но		(a)
Sample Custody Seals	Yes		Temperatu	Temperature Reading:	1.3:												_	Zn Acetate+NaOH: Zn	JH: Zn
Total Containers:	6	7 (Corrected T	Corrected Temperature:	1	Ц		801	-								_	NaOH+Ascorbic Acid: SAPC	Acid: S
Sample Identification	tification	Date	Time	Soil	Water .Co	Grab/ #	# of Cont	TPH						-				Sample Comments	Comme
CS-25 4'	64'	8/1/2023		×	Co	Comp	_	×	×		-						+	,	
CS-27 4'	4	8/1/2023		×	Co	Comp	_	×	×					-			-	7	
CS-29 4'	4'	8/1/2023		×	Co	Comp	_	×	×		-			-					
CS-30-4	4	8/1/2023		*	60	Comp		×	×	7	OSO	au	2		10	11/8	23		
CS-31 4'	4	8/1/2023		×	Co	Comp	_	×	×								-		
CS-32 4	4	8/1/2023		×	Co	Comp	_	×	×		+						+		
CS-33 4	4	8/1/2023		×	Co	Comp	_	×	×					+			-		
CS-35 4	4	8/1/2023		×	Co	Comp	_	×	×										
CS-37 4	4'	8/1/2023		×	Co	Comp	_	×	×								+		
CS-38 4	8 4'	8/1/2023		×	Co	Comp	->	×	×										
	Additional Comments:	9.			ļ											Ì			
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	document and reling liable only for the co arge of \$85,00 will by	uishment of samp st of samples and applied to each p	les constitute shall not ass project and a c	s a valid purchas ume any respons harge of \$5 for ea	e order from clic ibility for any lo: ach sample subr	ent compar sses or exp mitted to X	ny to Xeno penses in (enco, but	co, its affi curred by	iliates and the client yzed. Thes	subcontra if such los e terms w	ctors. It a ses are di	ssigns sta le to circu ced unles	It assigns standard terms and conditions e due to circumstances beyond the contro nforced unless previously negotiated.	ns and cor beyond the y negotiat	ditions control ed.				
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	Page 3	w	_3 of7_	7
Work	Work Order Comments			
Program: UST/PST ☐PRP ☐Brownfields ☐RRC ☐uperfund [Brownfields ☐R	RC	uper	fund
State of Project:				

Page 70 of 74





Company Name:

NTG Environmental

402 E Wood Ave

Address:

6488 Seven Rivers Highway

Bill to: (if different)
Company Name:

Wesley Mathews Devon Energy

	MIN Podeba	0000			City Ctate 7	5	<u> </u>	dania N	C00 M	5				Repo	Reporting:Level III Level III PST/UST	evel II	Leve		D/TS4	ST TRRP	P Level IV
die ZIP.	Calisdau, Nivi oozzu	0220			City, State LIP	7	7	lesid, I	Altesia, NVI 00210	c				Deliv	Deliverables: FDD	FDC		Þ [ADaPT [
	101 200 0100			- Contract	Timoni Vicolo Vimani Cina Canada														-	- 11	
Filipect Nation.	l l l l l l l l l l l l l l l l l l l	THIS OTHER		J	Turn Mound	P	Pres.	-	+	1		ZINAL	010	ארוסוס ארעטרסו				-	+	Floorie	Liesel Adna Cones
Project Number:		237481		Routine	√ Rush	0	Code	-	H				-					L	z	None: NO	DI Water: H ₂ O
Project Location	Le	ea Co. NM		Due Date:	48hr							_	_						C	Cool: Cool	МеОН: Ме
Sampler's Name: hal m		milk Jordan Tyner		TAT starts the	TAT starts the day received by the	/ the		IRO)	,			_						_	I	HCL: HC	HNO ₃ : HN
PO#				lab, if recei	lab, if received by 4:30pm		rs	+ M					_	_					I	H2SO4: H2	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No		ete		_				_					_	I	H ₃ PO ₄ : HP	
Received Intact:			-	er ID:	140		_	802	le 45				_	_						NaHSO ₄ : NABIS	SIS .
Cooler Custody Seals:	Yes	NO N/A	Correction Factor	actor:	1									_					HO	Na2S2O3: NaSO3	Ö
Sample Custody Seals:		X	Temperature Reading:	e Reading:	113	60		-	-				_	_	-				Zı	Zn Acetate+NaOH: Zn	aOH: Zn
Total Containers:	6	1	Corrected Temperature	emperature:	1	Ľ		801	-										Z	aOH+Ascorb	NaOH+Ascorbic Acid: SAPC
Sample Identification	fication		Time	Soil	Water G	Grab/ #	# of	ТРН					_							Sample	Sample Comments
		211125				Comp C	Cont	-	-				-						No.	-	,
CS-39 4'	+-	6/7/2023		×	G	Grab/	_	×	×												
CS-40 4	+2	6/7/2023		×	9	Grab/	_	×	×				-	7				Ц	4		
CS-42 4	+2	6/7/2023		×	9	Grab/	_	×	×				4								
CS-45 4	+=	6/7/2023		×	G	Grab/	_	×	×				-						4		
CS-46 4	+=	6/7/2023		×	G	Grab/		×	×			4	-					_	-		
CS-47 4'	+2	6/7/2023		×	G	Grab/	_	×	×				-								
CS-49 4'	+2	6/7/2023		×	G	Grab/	_	×	×										4		
CS-50 4	+-	6/7/2023		×	G	Grab/	_	×	×				-						-		
CS-51 4	**	6/7/2023		×	9	Grab/		×	×										-		
CS-52 4	4.	6/7/2023		×	G	Grab/		×	×												
Addition	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.	cument and reling able only for the co	uishment of samp st of samples and applied to each p	les constitutes I shall not assu project and a cl	a valid purchas me any respons narge of \$5 for e	se order from cli sibility for any lo ach sample sub	ent compan sses or exp mitted to Xe	ny to Xeno penses in enco, but	co, its aff curred by not analy	iliates an the clier yzed. The	d subcor nt if such	tractors, losses a	It assign re due to nforced u	s standa circums inless pr	assigns standard terms and conditions due to circumstances beyond the contro roed unless previously negotiated.	nd cond ond the a	litions control					
Relinguished by: (Signature)	(Signature)	1	Received	Received by: (Signature)	Well /		Da	Date/Time	(D	Re	Relinquished by: (Signature)	hed by	(Sign	ature)		Rece	ved by	Received by: (Signature)	nature)		Date/Time
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Ch						_				6				2000							
															ĺ					Revised	Revised Date 05012020 Rev. 2020.1

	Pa	Page4	of _7_
Work	Work Order Comment	ents	
Program: UST/PST ☐PRP ☐Brownfields ☐RRC	Brownfields	RRC	uperfund
State of Project:			



Company Name:

NTG Environmental 402 E Wood Ave

Address:

6488 Seven Rivers Highway

Devon Energy Wesley Mathews

Bill to: (if different) Company Name:

Deliver Deli	viy,	City, Sidie Zir.	5	Altesia, INIVI 00210	00210			1		I
	Email: Wes	Email: Wesley.Mathews@dvn.com	@dvn.con	13			Deliverables: EDD	ADaPT	Other:	
	Turn Around	bur				ANALYSIS REQUEST	UEST	I	Preserva	Preservative Codes
	☐ Routine ☑	Rush	Pres. Code					Z	None: NO	DI Water: H ₂ O
	Due Date:	48hr						0	Cool: Cool	MeOH: Me
	TAT starts the day received by the	ceived by the		IRO)	_			I	HCL: HC	HNO3: HN
	lab, if received by 4:30pm	y 4:30pm	rs	+ N				Ţ	H ₂ S0 ₄ : H ₂	NaOH: Na
	Wet Ice:	Yes No	ietei	DRO	500			I	H₃PO₄; HP	
	eter ID:	140	7.000	0 +	de 4)LD	NaHSO ₄ : NABIS	S
	n Factor:				lorid				Na ₂ S ₂ O ₃ : NaSO ₃	3
	ture Reading:	1.30		-	Ch			Zı	Zn Acetate+NaOH: Zn	OH: Zn
	Temperature:			801				Z	NaOH+Ascorbic Acid: SAPC	Acid: SAPC
	Soil Water	Grab/ Comp	# of Cont	TPH					Sample C	Sample Comments
	×	Comp	_	×	×.					
	×	Comp	1	×	×					
	×	Comp	-	×	×					
	×	Comp	_	×	×					
	×	Comp	_	×	×					
	×	Comp	1	×	×					
	×	Comp	1	×	×					
SW-5A 0-4' SW-6A 0-4' 8/1/2023 Additional Comments: Notice: Signature of this document and relinquishment of samples constitutes a value of service. Xenco will be liable only for the cost of samples and shall not assume: Of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of	×	Comp	1	×	×					
Notice: Signature of this document and relinquishment of samples constitutes a vortice. Xenco will be liable only for the cost of samples and shall not assume of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge Relipquished by: (Signature) Received by:	×	Comp	1	×	×					
Additional Comments: Notice: Signature of this document and relinquishment of samples constitutes a vior service. Xenco will be liable only for the cost of samples and shall not assume of Xenco. A minimum charge of \$85,00 will be applied to each project and a charge Religquished by: (Signature) Received by:	×	Comp	1	×	×					
Notice: Signature of this document and relinquishment of samples constitutes a vior service. Xence will be liable only for the cost of samples and shall not assume of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge Reliaquished by: (Signature) Received by:			ĺ							
Relipquished by: (Signature) Received by: (Mullaha Cl.)	tes a valid purchase ordessume any responsibility a charge of \$5 for each sa	er from client com for any losses or imple submitted to	pany to Xeno expenses in o Xenco, but	co, its affiliate curred by the not analyzed	es and subcontracto client if such losse I. These terms will b		s, It assigns standard terms and conditions are due to circumstances beyond the control enforced unless previously negotiated.			
Med Minary a	Received by: (Signature)	11	Da	Date/Time	Relinqu	Relinquished by: (Signature)	re) Received by: (Signature)	(Signature)		Date/Time
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Work C	Work Order Comments	ents	
Program: UST/PST PRP Brownfields RRC Uperfund	Brownfields	RRC	_uperfund [
State of Project:			
Reporting:Level II Level III PST/UST TRRP Level IV	□PST/UST	□ RRP	☐ Level IV ☐
Deliverables: EDD	ADaPT	Other	

	Vor
	Order
	No:
	Ha
I	N
	90



Company Name: Project Manager:

Address:

402 E Wood Ave NTG Environmental Ethan Sessums

Address: Company Name: Bill to: (if different)

6488 Seven Rivers Highway

Devon Energy Wesley Mathews

City, State ZIP:	Carlsbad, NM 88220	8220			City, State ZIP	ZIP:	_	Artesia,	Artesia, NM 88210	210				Reporting:Level II Level III PST/UST	evel II	Level		ST/UST TRRP	RP Level IV
Phone:	254-266-5456			Email:	Email: Wesley.Mathews@dvn.com	athews	dvn.cc	B					L	Deliverables: EDD	s: EDD		ADa	ADaPT Other:	her:
Project Name:	Thist	Thistle Unit #46		Turn	Turn Around							ANAL	SIS RE	ANALYSIS REQUEST				Preser	Preservative Codes
Project Number:		237481		Routine	₹ Rush		Pres. Code											None: NO	DI Water: H ₂ O
Project Location	Lea	Lea Co. NM		Due Date:	48hr						- 2		_					Cool: Cool	MeOH: Me
Sampler's Name: Ko	¥	Laberdan Tyner		TAT starts the day received by the	day received b	by the			MRO)				_					HCL: HC	HNO ₃ : HN
PO#				ido, il fece	ab, il received by 4, 30pm	1	ers		_				_					H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Xes No	ó	net						_			_		H ₃ PO ₄ : HP	
Received Intact:	Yes	No ·	Thermometer ID:	eter ID:	140)	arar	802	de 4							_	OLD	NaHSO4: NABIS	BIS .
Cooler Custody Seals	Yes	No AVIA	Correction Factor	Factor:	1		Pa						_		8		н	Na2S2O3: NaSO3	1SO ₃
Sample Custody Seals	Yes	No NIA	Temperatu	Temperature Reading:	1,3	6.												Zn Acetate+NaOH: Zn	NaOH: Zn
Total Containers:	61	1	Corrected	Corrected Temperature:	1	П		-	801				_				_	NaOH+Asco	NaOH+Ascorbic Acid: SAPC
Sample Identification	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH				_			_		Sampl	Sample Comments
SW-7A 0-4	0-4	8/1/2023		×		Comp	_	×	×	^									
SW-8A 0-4	0-4	8/1/2023		×	0	Comp	1	×	×	^			_						
SW-9A 0-4	0-4'	8/1/2023		×	0	Comp	_	×	×	^			_				-		
SW-10A 0-4	A 0-4'	8/1/2023		×	0	Comp	_	×	×	^			_			-			
SW-11A 0-4	A 0-4'	8/1/2023		×	0	Comp	_	×	×		1		_						
SW-12A 0-4	A 0-4'	8/1/2023		×	0	Comp	_	×	×	^									
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SW-15A 0-4	A 0-4'	8/1/2023		×	0	Comp	1	×	×	^									
SG SW-16A 0-4	A 0-4'	8/1/2023		×	0	Comp	_	×	×	^			_						
O SW-17A 0-4	A 0-4'	8/1/2023		×	0	Comp	-	×	×	_			-						
Additi	Additional Comments:												i						
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	document and relinque liable only for the cosharge of \$85,00 will be	ishment of sam st of samples an applied to each	ples constitut d shall not as project and a	es a valid purchas sume any respons charge of \$5 for e	se order from c sibility for any l ach sample su	lient comp losses or e bmitted to	expenses i	nco, its a ncurred l	ffiliates a by the cli alyzed. Ti	nd subco ent if suc hese term	ntractors h losses : s will be	. It assig re due to enforced	ns standa circumst unless pro	It assigns standard terms and conditions to due to circumstances beyond the contro	ditions control d.				
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Work C	Work Order Comments	ents	
Program: UST/PST PRP Brownfields RRC uperfund	Brownfields	RRC	_uperfund [
State of Project:			
Reporting:Level II Level III PST/UST TRRP Level IV	□ST/UST	TRRP	☐ Level IV ☐
Deliverables: EDD	ADaPT Other:	Other	

Vork	
Order	
No:	
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1	N
(3
C	1
1	N

Company Name: Project Manager:

Ethan Sessums NTG Environmental

Address: Company Name: Bill to: (if different)

> Devon Energy Wesley Mathews

State of Project:



Address:	4UZ E VVOOD AVE	e			Address:			6488 Seven Rivers Highway	even n	ivers hi	inway			-	0	ojeca					
te ZIP:	Carlsbad, NM 88220	8220			City, State ZIP	ZIP:		Artesia.	Artesia, NM 88210	210	H			Rep	orting:L	evel II	Level	= -	ST/UST	□ RRP	Reporting:Level III
	254-266-5456			Email:		/lathews	@dvn.c	mom						Deli	Deliverables: EDD	s: EDD		ADa	ADaPT 🗆	Other:	
Project Name:	Thist	Thistle Unit #46		Turi	Turn Around							ANAL	YSIS F	NALYSIS REQUEST	75					Preserval	Preservative Codes
Project Number:	2	237481		Routine	√ Rush		Pres.											-	None: NO	NO	DI Water: H ₂ O
Project Location	Lea	Lea Co. NM		Due Date:	48hr	=												-	Cool:	Cool: Cool	MeOH: Me
Sampler's Name: Lok	Smil	Jordan Tyner		TAT starts the day received by the	day received	by the			RO)				_				_	_	HCL: HC	HC	HNO3: HN
PO#:				lab, if rece	lab, if received by 4:30pm	om	s		+ M									_	H ₂ S0 ₄ : H ₂	#. #.	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes	S	eter	IB.	DRO	00								_	H ₃ PO	H ₃ PO ₄ : HP	
Received Intact:		No	Thermometer ID:	ter ID:	14	0	ran	802		le 45								LD		NaHSO4: NABIS	J)
Cooler Custody Seals:	Yes	NO CANA	Correction Factor:	Factor:	1		Pa	ΓEX	_	iorio							_	но		Na ₂ S ₂ O ₃ : NaSO ₃	ω .
Sample Custody Seals	Yes		Temperatu	Temperature Reading:	1,3	0		В		Ch				_			_	_	Zn Ac	Zn Acetate+NaOH: Zn	OH: Zn
Total Containers:			Corrected	Corrected Temperature:	(801										NaOF	1+Ascorbic	NaOH+Ascorbic Acid: SAPC
Sample Identification	ification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH									-		Sample C	Sample Comments
SW-18A 0-5	0-5'	8/1/2023		×		Comp	_	×	×	×				\dashv	1			+	1		
	0-5'	8/1/2023		×		Comp	_	×	×	×				+			4	+	+		
	0-2'	8/1/2023		×		Comp	_	×	×	×				+				-			
SW-21A 0-5	0-5'	8/1/2023		×		Comp	_	×	×	×				\dashv				-			
SW-24A 2-5	2-5'	8/1/2023		×		Comp	_	×	×	×				-							
SW-254 2-5	2.5'	8/1/2023		×		Comp	1	×	×	*	2	20	200	200		7	18.0	52/1	~~		
19-50 69	6 2'	321/18		X	0	(cmp)	1	×	×	^								-			
Additio	Additional Comments:																				
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It 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 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 enfo	locument and relinquidable only for the cos	ishment of samplet of samplet of samples and applied to each p	les constitute shall not ass roject and a o	s a valid purcha	se order from sibility for any	client com		enco, its a incurred out not an	affiliates by the c	and subclient if such	ontractor th losses	s. It assignare due to	ns stand circums unless p	t assigns standard terms and conditions due to circumstances beyond the control orced unless previously negotiated.	and con yond the negotiate	ditions control					
Relinguished by: (Signature)	(Signature)	1	Received by: (Signature)	hir /Cinatr		/ losses or ubmitted to	pany to X expenses o Xenco, I		-		Relinquished by: (Signature)	shed b	y: (Sign	nature)		Recei	red by:	Received by: (Signature)	ture)	_	Date/Time

Program: UST/PST PRP Brownfields RRC uperfund	Worl	
Brownfields □R	Work Order Comments	Page7
RC uperfund		_7 of7

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Work Order No: H234053



August 07, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT #46

Enclosed are the results of analyses for samples received by the laboratory on 08/03/23 14:31.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 08/03/2023 Reported: 08/07/2023

Project Name: THISTLE UNIT #46

Project Number: 237481

Project Location: DEVON - LEA CO., NM

mg/kg

Sampling Date: 08/03/2023

Sampling Type: Soil

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

Sample ID: CS - 67 (4') (H234131-01)

BTEX 8021B

DILX 0021B	nig/kg Analyze			a by. M3					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	08/07/2023	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	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	99.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

Analyzed By: MS

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 68 (4') (H234131-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	08/07/2023	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	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 69 (4') (H234131-03)

2.00 3.99 2.00 3.10 2.00 3.82 6.00 2.30	Qualifier
2.00 3.10 2.00 3.82	
2.00 3.82	
6.00 2.30	
e Value QC RPD	Qualifier
400 0.00	
e Value QC RPD	Qualifier
200 3.58	
200 4.55	
	200 7.55

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 70 (4') (H234131-04)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 71 (4') (H234131-05)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

Sample ID: CS - 72 (2') (H234131-06)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/07/2023	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*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	135	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	153	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 26 (0-4') (H234131-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	132 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	151 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 27 (0-4') (H234131-08)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	08/07/2023	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	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 28 (0-4') (H234131-09)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	08/07/2023	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	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	16.6	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

Surrogate: 1-Chlorooctadecane 119 % 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: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 29 (0-4') (H234131-10)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	0.682	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	0.860	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	7.76	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	9.31	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	216	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	08/07/2023	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*	380	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	5840	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	1120	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	136	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 30 (H234131-11)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	0.159	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	08/07/2023	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*	11.9	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	641	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	175	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	18						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 31 (H234131-12)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	08/07/2023	ND	432	108	400	3.64	QM-07
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	10.5	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	109 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Analytical Results For:

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

 Received:
 08/03/2023
 Sampling Date:
 08/03/2023

 Reported:
 08/07/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 32 (H234131-13)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	< 0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	587	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	174	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: SW - 33 (H234131-14)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1710	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 34 (H234131-15)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	39.2	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	99.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023

Reported: 08/07/2023

Project Name: THISTLE UNIT #46

Project Number: 237481

Project Location: DEVON - LEA CO., NM Sampling Date: 08/03/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: SW - 35 (H234131-16)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Celey D. Keene

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: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: SW - 36 (H234131-17)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023

Reported: 08/07/2023

Project Name: THISTLE UNIT #46

Project Number: 237481

Project Location: DEVON - LEA CO., NM Sampling Date: 08/03/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: SW - 37 (H234131-18)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	163	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	36.1	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: SW - 38 (H234131-19)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 39 (H234131-20)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.01	100	2.00	3.99	
Toluene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.82	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.72	95.4	6.00	2.30	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2023	ND	165	82.4	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/05/2023	ND	173	86.5	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	08/05/2023	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

Sample ID: SW - 40 (H234131-21)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	2.63	
Toluene*	<0.050	0.050	08/05/2023	ND	1.96	98.2	2.00	1.45	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.03	102	2.00	1.88	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.96	99.4	6.00	2.77	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	172	85.8	200	7.15	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	163	81.6	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

Sample ID: SW - 41 (H234131-22)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	2.63	
Toluene*	<0.050	0.050	08/05/2023	ND	1.96	98.2	2.00	1.45	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.03	102	2.00	1.88	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.96	99.4	6.00	2.77	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	172	85.8	200	7.15	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	163	81.6	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: CS - 73 (H234131-23)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	2.63	
Toluene*	<0.050	0.050	08/05/2023	ND	1.96	98.2	2.00	1.45	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.03	102	2.00	1.88	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.96	99.4	6.00	2.77	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/07/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	172	85.8	200	7.15	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	163	81.6	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.3	% 49.1-14	8						

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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

ecovery.

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANA LYSIS REQUEST



101 East Marland, Hobbs, NM 88240

Project Location: Let Company: Dear Company
ECEIVED BY: Company: Delender Company: Delender
O. #: Ompany: Dean Ity: Artista Tate: MM Zip: § 8 Thome #: PRESERV. SAM PRESERV. SAM CHECKED BY: (Initials) CHECKED BY: CHECK
Them rum REN Verification to the last t
TPHROISM (GOD) WAS BEEN BY TO SAN (GOD) WAS BEEN DESIGNED BY TO SAN TO S
Wo Add'l Phone #: Please provide Email address: Please provide Email address: No

Relinquished By:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Corrected Temp. °C Observed Temp. °C Time:

5.5

Sample Condition
Cool Intact
Laryes Tyes
No No No

CHECKED BY: (Initials)

Turnaround Time:

Standard

Bacteria (only) Sample Condition

ô

Thermometer ID #140 Correction Factor 0°C

2 Day

Cool Intact
| Yes | Yes | No | No

Corrected Temp. °C Observed Temp. Relinquisher Py

8-3-23

All Results are emailed. Please provide Email address:

O No

Add'I Phone #:

eceived By

REMARKS:

CHAIN-OF-CUSTODY AND ANA LYSIS REQUEST



101 East Marland, Hobbs, NM 88240 aboratories

The state of the s		
company Name: NT6 Envilonmental	BILL TO	ANALYSIS REQUEST
Project Manager: Ethan Jewas	P.O. #:	
Milcay St	Company: Dever Gran	
City: Carls bad State: WM zip:	37	
66-5456 Fax #:		0
Project #: 237 481 Project Owner: DEUON	LON City: Action	
Project Name: Thistle Unit + 46		1 (. 5, 45
Project Location: Les 6, MM	Phone #:	
Sampler Name: Kellen Jun. 4	Fax#:	
FOR LAB USE ONLY	MATRIX PRESERV. SAMPLING	
Lab I.D. Sample I.D.	BASE:	TH
(G)R	WAS SOIL OIL SLUI OTH ACID ICE /	
2 20-31	× 8/3/3	- K - X
Sh- 32		
20 - 24		
SE -35		
25 75 8		
2 82-75 BS		
m >0 - 35		

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

Sample I.D. Sample I.D. State: Mn Zip: 88220 Attn: V Address: Mn State: Mn State: Mn State: Mn Company Address: Mn State: M	Sample I.D. Sampl	Company Name: A	5) 393-232	BILL TO	ANALYSIS REQUEST
State: MM ZIP: 88220 Attn: W.S. McKeus? 74-266-5456 Fax #: Address: C48 & Kurch Run State: MM ZIP: 88210 77-348 Project Owner: DEUON City: Alfbsik 77-348 Project Owner: DEUON City: Alfbsik 81-3-23. X X X X X X X X X X X X X X X X X X X	State: Will state: Will zip: 88220 Attn: W.S McHeller This He Unit # 44 Sample I.D. Sample I.	2	to	nv: Dece	
Sample I.D. State: MM Zip: 88210 Sampling Fax #: Fax #: Fax #: Fax #: Fax #: SAMPLING SUD # SAMPLING SAMPL	Sample I.D. Sampl	Car	M	Attn: Was Man	
Sample I.D. State: MM zip: 88210 Phone #: Fax #: Fax #: Fax #: Fax #: Fax #: Fax #: Soil SLUDGE: OTHER: ACID/BASE: ICE / COOL OTHER: ACID/BASE: ICE / COOL OTHER: ACID/BASE: ICE / COOL OTHER: 8-3-23 X X X X X X X X X X X X X X X	Sample I.D. Sample I.D. Sample I.D. State: MM Zip: 88710 Phone #: Phone #: Fax #: SW - 40 C - # CONTAINERS GROUNDWATER WASTEWATER WASTEWATER ACID/BASE ICE / COOL OTHER ACID/BASE ICE / COOL OTHER 8-3-23 X X X X X X X X X X X X X X X	# #	-5456		113
Sample I.D. Fax #: F	Sample I.D. Sample I.D. Sample I.D. Sample I.D. Sw-46 CS-73 MATRIX PRESERV. SAMPLING Fax #: Soil Office / Cool Office / C	ime: 7	Unit	State:	500
Sample I.D. Sample I.D. SU-40 (G)RAB OR G)OMP # CONTAINERS GROUNDWATER WASTEWATER WASTEWATER X SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER 8-3-23 X X X X X X X X X X X X X X X	Sample I.D. Sample I.D. Sample I.D. SAMPLING SU-46 CS-73 CS-73 MATRIX PRESERV. SAMPLING MATRIX PRESERV. SAMPLING PRESERV. SAMPLING MATRIX PRESERV. SAMPLING PRESERV. SAMPLING SAMPL	Project Location: (SIN	Phone #: Fax #:	-
Sample I.D. Sample I.D. Su-40 (G)RAB OR COMP # CONTAINERS GROUNDWATER WASTEWATER WASTEWATER ACID/BASE: ICE / COOL OTHER: ACID/BASE: ICE / COOL OTHER 8-3-23 X X X X X X X X X X X X X X X X X X X X X X X X X X X X X	SW-46 SW-46 (G)RAB OR COMP # CONTAINERS GROUNDWATER WASTEWATER X SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER 8-3-23 X X X X X X X X X X X X X X X	FOR LAB USE ONLY		PRESERV.	X
Sample I.D. SW-46 (G)RAB OR (G	Sample I.D. Sw - 40 CS-73 CS-73 CS-73 CS-73 Sw - 40 CS-73 CS-73 CS-73 CS-73 Sw - 40 CS-73 CS-73 CS-73 CS-73 CS-73 CS-73 CS-740 CS-7		C)OMP	TER	7E.
SW-40 CI ** OIL OT DATE TIME SW-73-23 ** * * * 8-3-23 ** * * *	SW-40 CI ** OIL SW-73 CS-73 CS-74 CS-74 CS-75 CS-73 CS-74 CS-75 CS-75	Lab I.D.		OUNDWA STEWATI L JDGE HER: D/BASE:	B7
Su-41 CS-73 & XXX	Su-41 CS-73 & x x x x	HZ34151		GRO WAS SOIL OIL SLUC OTH ACID ICE OTH 8/3/27	×
					XX
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Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or lost, shall be limited to the amount paid by the client for the floor for negligence and any other causes whatsover shall be deemed welved unless made in writing and received by Cardinal within 30 days after completion of the applicable. Should be finable for incidental or consequential camanages, incidingly without lamination, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, out of or related to the performance of services her surrices by Cardinal, regardless of whether such claim is betted by "any of the above stated reasons or otherwise. Yes No	out of or related to the performance of services her sunder by Cardinal, regardless of whether such claim is based b, we stry of the above season to Batte: 8-3-23 Received By:	Relinquished By:	101	R	* Customer re
Damages. Cardinal's liability and client's auclusive remedy for any claim asking whether based in contract fort, shall be limited to the amount paid by the client for the though for negligence and any other cause whethcover shall be deemed waved unless made in writing and received by Cardinal within 30 days after competition of the applicable though for incidental or consequential damages, including without timelation, business infermity and received by Cardinal inspirations. B. 3.23 Received By: Time: Received By: Received	Time: Time: Received By: Received By: Time: Ti	Delivered By: (Circle O Sampler - UPS - Bus -		Sample Condition CHECKED BY: Cool_Intact (Initials) Lives TC	Standard Bacter Rush Cool 7 Day No
Domages. Cardinal's liability and client's exclusive remedy for any plain arising whether based in contract or fort, shall be limited to the amount paid by the client for the flower for negligence and any other cause whatsowere shall be deemed waved unless made in writing and received by Cardinal within 20 days after completion of the applicable. Time: 43.23 Received By: Time: 43.1 Date: Received By: Time: 43.1 Themmometer ID #140 Correction Factor 0°C Date: Standard Date: Standard Date: Rush	out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based. If wany of the above state of the performance of services hereunder by Cardinal, regardless of whether such claim is based. If wany of the above state of the performance of services and claim is based. If we have a provide Email all Results are emailed. Please provide Email	PORM-000 R 3.4	† Cardinal car	rbal changes. Please email ch	



August 14, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT #46

Enclosed are the results of analyses for samples received by the laboratory on 08/04/23 13:14.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)

Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C

MIDLAND TX, 79706

Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 30 (4')	H234165-01	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 74 (2')	H234165-02	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 75 (2')	H234165-03	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 76 (2')	H234165-04	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 77 (0.5')	H234165-05	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 78 (0.5')	H234165-06	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 79 (0.5')	H234165-07	Soil	04-Aug-23 00:00	04-Aug-23 13:14
CS - 80 (0.5')	H234165-08	Soil	04-Aug-23 00:00	04-Aug-23 13:14
SW - 43 (0.5-2')	H234165-09	Soil	04-Aug-23 00:00	04-Aug-23 13:14
SW - 44 (0-0.5')	H234165-10	Soil	04-Aug-23 00:00	04-Aug-23 13:14
SW - 45 (0-0.5')	H234165-11	Soil	04-Aug-23 11:50	04-Aug-23 13:14
SW - 46 (0-0.5')	H234165-12	Soil	04-Aug-23 11:52	04-Aug-23 13:14

08/14/23 - Client changed the sample IDs on some of the samples (see COC). This is the revised report and will replace the one sent on 08/08/23.

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 30 (4') H234165-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	176		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		96.7 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			91.5 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			99.0 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 74 (2') H234165-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		97.2 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			90.5 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			97.3 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 75 (2') H234165-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		96.2 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			99.3 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			106 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 76 (2') H234165-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		97.7 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 77 (0.5') H234165-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		94.9 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			116 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			126 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 78 (0.5') H234165-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		96.6 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	11.7		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 79 (0.5') H234165-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			96.8 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			99.6 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 80 (0.5') H234165-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds by E	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			98.0 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by GC l	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	54.9		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	17.6		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 43 (0.5-2') H234165-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		94.7 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			93.8 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			102 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 44 (0-0.5') H234165-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		95.7 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 45 (0-0.5') H234165-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		95.7 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			99.8 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			109 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 46 (0-0.5') H234165-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3080720	AC	07-Aug-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080502	MS	06-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		97.0 %	71.5	-134	3080502	MS	06-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctane			100 %	48.2	-134	3080440	MS	05-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			109 %	49.1	-148	3080440	MS	05-Aug-23	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080720 - 1:4 DI Water										
Blank (3080720-BLK1)				Prepared &	Analyzed:	07-Aug-23				
Chloride	ND	16.0	mg/kg							
LCS (3080720-BS1)				Prepared &	Analyzed:	07-Aug-23				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3080720-BSD1)				Prepared &	Analyzed:	07-Aug-23				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

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%REC

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Spike

Source

Fax To:

Reported: 14-Aug-23 15:21

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

		Reporting		Spike	Source		70KEC		KrD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3080502 - Volatiles										
Blank (3080502-BLK1)				Prepared: ()5-Aug-23 <i>A</i>	Analyzed: ()6-Aug-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)	ND		mg/kg	0.0500		95.6	71.5-134			
LCS (3080502-BS1)				Prepared: ()5-Aug-23 <i>A</i>	Analyzed: ()6-Aug-23			
Benzene	2.18	0.050	mg/kg	2.00		109	82.8-130			
Toluene	2.12	0.050	mg/kg	2.00		106	86-128			
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128			
m,p-Xylene	4.18	0.100	mg/kg	4.00		104	89-129			
o-Xylene	2.02	0.050	mg/kg	2.00		101	86.1-125			
Total Xylenes	6.19	0.150	mg/kg	6.00		103	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0467		mg/kg	0.0500		93.5	71.5-134			
LCS Dup (3080502-BSD1)				Prepared: ()5-Aug-23 <i>A</i>	Analyzed: ()6-Aug-23			
Benzene	2.20	0.050	mg/kg	2.00		110	82.8-130	0.577	15.8	
Toluene	2.14	0.050	mg/kg	2.00		107	86-128	0.949	15.9	
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128	0.121	16	
m,p-Xylene	4.16	0.100	mg/kg	4.00		104	89-129	0.424	16.2	
o-Xylene	2.03	0.050	mg/kg	2.00		101	86.1-125	0.686	16.7	
Total Xylenes	6.19	0.150	mg/kg	6.00		103	88.2-128	0.0618	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0460		mg/kg	0.0500		92.0	71.5-134			

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%REC

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Spike

Source

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3080440 - General Prep - Organics										
Blank (3080440-BLK1)				Prepared: ()4-Aug-23 A	Analyzed: ()5-Aug-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	42.6		mg/kg	50.0		85.2	48.2-134			
Surrogate: 1-Chlorooctadecane	46.5		mg/kg	50.0		93.1	49.1-148			
LCS (3080440-BS1)				Prepared: ()4-Aug-23 /	Analyzed: ()5-Aug-23			
GRO C6-C10	165	10.0	mg/kg	200		82.3	66.4-123			
DRO >C10-C28	167	10.0	mg/kg	200		83.6	66.5-118			
Total TPH C6-C28	332	10.0	mg/kg	400		83.0	77.6-123			
Surrogate: 1-Chlorooctane	45.6		mg/kg	50.0		91.2	48.2-134			
Surrogate: 1-Chlorooctadecane	52.7		mg/kg	50.0		105	49.1-148			
LCS Dup (3080440-BSD1)				Prepared: ()4-Aug-23 /	Analyzed: ()5-Aug-23			
GRO C6-C10	170	10.0	mg/kg	200		85.2	66.4-123	3.39	17.7	
DRO >C10-C28	166	10.0	mg/kg	200		83.1	66.5-118	0.522	21	
Total TPH C6-C28	337	10.0	mg/kg	400		84.2	77.6-123	1.44	18.5	
Surrogate: 1-Chlorooctane	46.7		mg/kg	50.0		93.4	48.2-134			
Surrogate: 1-Chlorooctadecane	51.2		mg/kg	50.0		102	49.1-148			

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celey D. Keene

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P	ENVIRONMENTAL									Page	Page 19 0
Project Manager	Ethan Sessums		B	Bill to: (if different)		Wesley Mathews	thews			Order Comm	3
Project Manager:	NTG Environmental		0	Company Name:		Devon Energy	гду		Program: UST/PST _PRP	Brownfields	RRC uperfund
Address:	209 W McKay St		A	Address:	0	6488 Seven Rivers Highway	Rivers H	ighway	State of Project:	hermer	Travel IV
City State ZIP:	Carlsbad, NM 88220		0	City, State ZIP:		Artesia, NM 88210	188210		Reporting:Level II Level III	ADAPT	
Phone:	254-266-5456		Email: \	Wesley.Mathews@dvn.com	s@dvn.cc	m			Deliverables, EDD		
Project Name:	Thistle Unit 46	1 46	Turn	Turn Arougd				ANALYSIS	NALYSIS REQUEST	Pre	ervativ
Project Number:	237481		Routine	Rush	Code	-				None: NO	
Project Location	Lea Co, NM		Due Date:	48hc		0)				HCI HC	HNO, HN
Sampler's Name:	Kellan Smith	nith	TAT starts the d	TAT starts the day received by the lab if received by 4:30pm		MRC				H ₂ S0 ₄ : H ₂	
PO#:	211///3	90			ters	_	0			H ₃ PO ₄ : HP	P
SAMPLE RECEIPT	IPT Temp Blank	Thermometer ID:	Wet ice:	TES NO	rame	8021I	ie 450			OLD NaHSO4. NABIS	NABIS
Cooler Custody Seals:	Yes No	N/A Correction Factor:	Factor:		P	_	hlor				Zn Acetate+NaOH: Zn
Sample Custody Seals:	Yes No	Temperatu	Temperature Reading:	1.40		_	C			NaOH+A	NaOH+Ascorbic Acid: SAPC
Total Containers:	17	Corrected	Corrected Temperature:	Cab		PH 8				2	Comple Comments
Sample Identification		Date Time	Soil	Water Comp	Cont						
05-27	14.1	44.13	×	and	1	×	x				
14-50	(21)		-	-	=		E	_			
54-57	(2')			_	+			+			
16-37	11.53				+						
6. 78	(0.5')									-	
cs.	(0.5)			-	+		+				
SY-18	(1,5-5 1)				-						
134-15	(0-0.51)		_	1	-		-				
Addir	Additional Comments:		* Cus	stones	rec	mate	6	CD Chan	18 TO. 8	111/23	
Notice: Signature of th	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors.	nt of samples constitu	rtes a valid purcha	se order from client sibility for any losse	company to :	Xenco, its aff	iliates and s	ubcontractors. It assigns	t assigns standard terms and conditions are due to circumstances beyond the control		
of Xenco. A minimum	of Xenco. A minimum charge of \$85,00 will be applied to each project and a charge of \$5 for each sample submitted to verice, but not amalyzour more project and a charge of \$5 for each sample submitted to verice, but not amalyzour more project and a charge of \$5 for each sample submitted to verice, but not amalyzour more project and a charge of \$5 for each sample submitted to verice, but not amalyzour more project and a charge of \$5 for each sample submitted to verice, but not amalyzour more project and a charge of \$5 for each sample submitted to verice, but not amalyzour more project and a charge of \$5 for each sample submitted to verice, but not amalyzour more project and a charge of \$5 for each sample submitted to verice, but not amalyzour more project and a charge of \$5 for each sample submitted to verice, but not amalyzour more project and a charge of \$5 for each sample submitted to verice, but not a submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each sample submitted to verice project and a charge of \$5 for each s	d to each project and	a charge of \$5 for	each sample submit	ted to Aeirco,	Date/Time	9	Relinquished by: (Signature)		Received by: (Signature)	Date/Time
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	ENVIRONMENTAL								Page 2 of 3
Project Manager	Ethan Sessums		Bill to: (if different)	<	Wesley Mathews	thews		Work On	
Company Name:	NTG Environmental		Company Name:		Devon Energy	rgy		Program: UST/PST PRP	Brownfields RRC uperfund
Address:	209 W McKay St		Address:	0	488 Seve	n Rivers	6488 Seven Rivers Highway	State of Project:	200
City, State ZIP:	Carlsbad, NM 88220		City, State ZIP:	P	Artesia, NM 88210	M 88210] Level III	Callosi Dave Describ
Phone	254-266-5456	Ema	Email: Wesley.Mathews@dvn.com	@dvn.co	13			Deliverables: EDD	Apar II
Project Name	Thistle Unit 46		Turn Aroupd				ANALYSIS REQUEST	NEST	Preservative Codes
Project Number:	237481	Routi	Rush	Code	-				
Project Location	Lea Co, NM	Due Date:	184		0)				ol .
Sampler's Name:	Kellan Smith	TAT starts th	TAT starts the day received by the		MRC				H-SO.: H- NaOH: Na
PO#	21177730	lab, if re	lab, if received by 4:30pm	ers	0+	_			
SAMPLE RECEIPT	IPT Temp Blank:	Yes No Wet los:	(Xes No	met	_	4500			NaHSO NARIS
Received Intact:	N N	Thermometer ID:	140	Para	X 80	_			HOI Na ₂ S ₂ O ₃ NaSO ₃
Cooler Custody Seals	Yes No	Correction Factor.	1.4.		_				Zn Acetate+NaOH: Zn
Total Containers:	12	Corrected Temperature	0.		1 801				NaOH+Ascorbic Acid: SAPC
Sample Identification	ntification Date	Time Soil	Water Comp	# of Cont	TPI				Sample Comments
1 SM-42	56-1.5. 44-23	11:50 ×	Comp	1	×	×			
84-17	-		(one)	-	٠ ×	×			
Addit	Additional Comments:	* Customer	reg	resti	et :	DD	chauses.	TO. 8/11/23	
Notice: Signature of thi	is document and relinquishment of	samples constitutes a valid pun	chase order from client co	or expenses	enco, its at	filiates and y the clien	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions	d terms and conditions nces beyond the control	
of Xenco. A minimum	charge of \$85.00 will be applied to a	ach project and a charge of \$51	for each sample submitted	to Xenco,	but not ana	lyzed. The	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 indicated and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously indicated to Xenco, but not analyzed.	ALCHON INCREMENTAL STREET	
Relinguished by: (Signature)	by: (Signature)	Received by: (Signature)	alure)		Date/Time	e	Relinquished by: (Signature)	ature) Received by: (Signature)	signature) Date/Time
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October 04, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT #46

Enclosed are the results of analyses for samples received by the laboratory on 09/28/23 15:00.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil Project Name: THISTLE UNIT #46 Sampling Condition: Coo

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Analyzed By MC

Project Location: DEVON - LEA CO., NM

Sample ID: V - 1 (0-6") (H235319-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.58	0.200	10/02/2023	ND	2.07	103	2.00	6.42	
Toluene*	17.8	0.200	10/02/2023	ND	2.17	109	2.00	6.80	QM-07
Ethylbenzene*	5.63	0.200	10/02/2023	ND	2.17	108	2.00	8.26	QM-07
Total Xylenes*	37.1	0.600	10/02/2023	ND	5.93	98.9	6.00	8.99	QM-07
Total BTEX	63.1	1.20	10/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	276	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/02/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	999	10.0	09/29/2023	ND	189	94.7	200	1.85	
DRO >C10-C28*	6480	10.0	09/29/2023	ND	217	109	200	2.69	
EXT DRO >C28-C36	1510	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	139	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	194	% 49.1-14	8						

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Celey D. Keens



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: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: Dionica Hinojos 237481

Project Location: DEVON - LEA CO., NM

Sample ID: V - 1 (1-1.5') (H235319-02)

BTEX 8021B	mg	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.33	1.00	10/02/2023	ND	2.07	103	2.00	6.42	
Toluene*	53.0	1.00	10/02/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	18.7	1.00	10/02/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	80.8	3.00	10/02/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	157	6.00	10/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	136	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/02/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1640	10.0	09/29/2023	ND	189	94.7	200	1.85	
DRO >C10-C28*	3760	10.0	09/29/2023	ND	217	109	200	2.69	
EXT DRO >C28-C36	764	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	154	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	161	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 09/28/2023 Reported: 10/04/2023

Project Name: THISTLE UNIT #46

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sampling Date: 09/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: V - 1 (2-2.5') (H235319-03)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.65	1.00	10/02/2023	ND	2.07	103	2.00	6.42	
Toluene*	21.9	1.00	10/02/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	9.06	1.00	10/02/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	41.0	3.00	10/02/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	73.6	6.00	10/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/02/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	658	10.0	09/29/2023	ND	189	94.7	200	1.85	
DRO >C10-C28*	1720	10.0	09/29/2023	ND	217	109	200	2.69	
EXT DRO >C28-C36	347	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	127	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	166	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

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

Received: 09/28/2023 Reported: 10/04/2023

Project Name: THISTLE UNIT #46

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sampling Date: 09/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: V - 1 (3-3.5') (H235319-04)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.34	1.00	10/02/2023	ND	2.07	103	2.00	6.42	
Toluene*	39.3	1.00	10/02/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	15.5	1.00	10/02/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	73.6	3.00	10/02/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	133	6.00	10/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/02/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1330	10.0	09/29/2023	ND	185	92.4	200	0.410	QM-07, QR-03
DRO >C10-C28*	2930	10.0	09/29/2023	ND	189	94.7	200	2.17	QM-07, QR-03
EXT DRO >C28-C36	456	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	190	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	197	% 49.1-14	18						

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Celey D. Keine



Dionica Hinojos

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: V - 1 (4-4.5') (H235319-05)

BTEX 8021B	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.877	0.500	10/02/2023	ND	2.07	103	2.00	6.42	
Toluene*	12.4	0.500	10/02/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	7.64	0.500	10/02/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	41.2	1.50	10/02/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	62.1	3.00	10/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	140	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/02/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1250	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	3240	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	521	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	199	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	227	% 49 1-1 <i>4</i>	8						

227 % Surrogate: 1-Chlorooctadecane 49.1-148

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Celey D. Keine



Analytical Results For:

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

 Received:
 09/28/2023
 Sampling Date:
 09/28/2023

 Reported:
 10/04/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 2 (0-6") (H235319-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/02/2023	ND	2.07	103	2.00	6.42	
Toluene*	0.064	0.050	10/02/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	<0.150	0.150	10/02/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	<0.300	0.300	10/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	77.6	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	11.3	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.7	% 49.1-14	8						

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Analytical Results For:

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

 Received:
 09/28/2023
 Sampling Date:
 09/28/2023

 Reported:
 10/04/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 2 (1-1.5') (H235319-07)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2023	ND	2.07	103	2.00	6.42	
Toluene*	<0.050	0.050	10/01/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	<0.050	0.050	10/01/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	<0.150	0.150	10/01/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	<0.300	0.300	10/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

Sample ID: V - 2 (2-2.5') (H235319-08)

RTFY 8021R

Result	Reporting Limit	A b						
		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
< 0.050	0.050	10/01/2023	ND	2.07	103	2.00	6.42	
<0.050	0.050	10/01/2023	ND	2.17	109	2.00	6.80	
<0.050	0.050	10/01/2023	ND	2.17	108	2.00	8.26	
<0.150	0.150	10/01/2023	ND	5.93	98.9	6.00	8.99	
<0.300	0.300	10/01/2023	ND					
115 %	% 71.5-13	4						
mg/	'kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
64.0	16.0	10/02/2023	ND	432	108	400	0.00	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
25.3	10.0	09/29/2023	ND	189	94.7	200	2.17	
<10.0	10.0	09/29/2023	ND					
77.7	% 48.2-13	4						
86.9	% 49.1-14	8						
	<0.050 <0.050 <0.150 <0.300 115 9 mg/ Result 64.0 mg/ Result <10.0 25.3 <10.0	<0.050 <0.050 <0.050 <0.150 <0.300 115 % 71.5-13-13-13-13-13-13-13-13-13-13-13-13-13-	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050 10/01/2023 ND 2.17 109 2.00 6.80 <0.050

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 2 (3-3.5') (H235319-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2023	ND	2.07	103	2.00	6.42	
Toluene*	<0.050	0.050	10/01/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	<0.050	0.050	10/01/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	<0.150	0.150	10/01/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	<0.300	0.300	10/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	99.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

Sample ID: V - 2 (4-4.5') (H235319-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2023	ND	2.07	103	2.00	6.42	
Toluene*	<0.050	0.050	10/01/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	<0.050	0.050	10/01/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	<0.150	0.150	10/01/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	<0.300	0.300	10/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 3 (0-6") (H235319-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2023	ND	2.07	103	2.00	6.42	
Toluene*	<0.050	0.050	10/01/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	<0.050	0.050	10/01/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	<0.150	0.150	10/01/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	<0.300	0.300	10/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	1290	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	326	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 3 (1-1.5') (H235319-12)

BTEX 8021B	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2023	ND	2.07	103	2.00	6.42	
Toluene*	<0.050	0.050	10/01/2023	ND	2.17	109	2.00	6.80	
Ethylbenzene*	<0.050	0.050	10/01/2023	ND	2.17	108	2.00	8.26	
Total Xylenes*	<0.150	0.150	10/01/2023	ND	5.93	98.9	6.00	8.99	
Total BTEX	<0.300	0.300	10/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	920	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	241	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	18						

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Analytical Results For:

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

Received: 09/28/2023

Reported: 10/04/2023

Project Name: THISTLE UNIT #46 Project Number: 237481

Project Location: DEVON - LEA CO., NM Sampling Date: 09/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Dionica Hinojos

Sample ID: V - 3 (2-2.5') (H235319-13)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/29/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/29/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/29/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	42.9	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	90.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.8	% 49.1-14	18						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 3 (3-3.5') (H235319-14)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/29/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	< 0.050	0.050	09/29/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	< 0.150	0.150	09/29/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/29/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	13.3	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	93.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	18						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 3 (4-4.5') (H235319-15)

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	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 4 (0-6") (H235319-16)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	18.8	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237481 Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 4 (1-1.5') (H235319-17)

BTEX 8021B	mg/	kg	Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237481 Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 4 (2-2.5') (H235319-18)

BTEX 8021B	mg/	/kg	Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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09/28/2023

Dionica Hinojos

Analytical Results For:

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

Sampling Date:

Sample Received By:

Received: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sample ID: V - 4 (3-3.5') (H235319-19)

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	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

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09/28/2023

Analytical Results For:

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

Received: 09/28/2023 Sampling Date:

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 4 (4-4.5') (H235319-20)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 49.1-14	8						

Analyzed By: 1H /

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C-04



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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

Sample ID: V - 5 (0-6") (H235319-21)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	1.31	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	3.27	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	16.7	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	GC-NC1
Total BTEX	21.3	0.300	09/30/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	179	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	452	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	4740	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	801	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	142	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	231	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

 Received:
 09/28/2023
 Sampling Date:
 09/28/2023

 Reported:
 10/04/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

Sample ID: V - 5 (1-1.5') (H235319-22)

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	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	146	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	22.2	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	'8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

Sample ID: V - 5 (2-2.5') (H235319-23)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.4	200	0.410	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	189	94.7	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

Sample ID: V - 5 (3-3.5') (H235319-24)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.87	93.4	2.00	3.32	
Toluene*	<0.050	0.050	09/30/2023	ND	1.88	94.1	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	1.96	98.0	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	5.84	97.3	6.00	2.85	
Total BTEX	<0.300	0.300	09/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 % 71.5-13		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	10/02/2023	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	10/01/2023	ND	188	94.1	200	3.30	
DRO >C10-C28*	<10.0	10.0	10/01/2023	ND	188	94.0	200	6.16	
EXT DRO >C28-C36	<10.0	10.0	10/01/2023	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

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Celey D. Keene



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

09/28/2023

Analytical Results For:

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

Received: 09/28/2023 Sampling Date:

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

Sample ID: V - 5 (4-4.5') (H235319-25)

RTFY 8021R

B1EX 8021B	mg,	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/02/2023	ND	2.01	101	2.00	1.37	
Toluene*	< 0.050	0.050	10/02/2023	ND	2.16	108	2.00	2.98	
Ethylbenzene*	< 0.050	0.050	10/02/2023	ND	2.17	108	2.00	1.35	
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.54	109	6.00	1.11	
Total BTEX	<0.300	0.300	10/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13-	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/02/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2023	ND	188	94.1	200	3.30	
DRO >C10-C28*	<10.0	10.0	10/01/2023	ND	188	94.0	200	6.16	
EXT DRO >C28-C36	<10.0	10.0	10/01/2023	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.4	% 49.1-14	8						

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Celey D. Keens

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager

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(575) 393-2326 Company Name: // 7 (-)	575) 393-2326 FAX (575) 393-2476	RILLTO	ANA	ANALYSIS DECLIEST
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Phone #:	Fax #:	Address:		
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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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(5/5) 393-2326 FAX	FAX (5/5) 393-24/6			
Company Name: 1761 En	Environmental	BILL TO	ANALYSIS REQUEST	
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Report to:
Ethan Sessums



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Thistle Unit #46H

Work Order: E311096

Job Number: 21106-0001

Received: 11/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/14/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 11/14/23

Ethan Sessums 911 Regional Park Dr. Houston, TX 77060

Project Name: Thistle Unit #46H

Workorder: E311096

Date Received: 11/13/2023 7:00:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/13/2023 7:00:00AM, under the Project Name: Thistle Unit #46H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #46H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	Donoutode
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/23 14:40

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
V-1 5-5.5'	E311096-01A Soil	11/10/23	11/13/23	Glass Jar, 2 oz.
V-1 6-6.5'	E311096-02A Soil	11/10/23	11/13/23	Glass Jar, 2 oz.
V-1 7-7.5'	E311096-03A Soil	11/10/23	11/13/23	Glass Jar, 2 oz.
V-1 8-8.5'	E311096-04A Soil	11/10/23	11/13/23	Glass Jar, 2 oz.



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/2023 2:40:00PM

V-1 5-5.5' E311096-01

		E311096-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2346008
Benzene	ND	0.0250	1	11/13/23	11/14/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/14/23	
Toluene	ND	0.0250	1	11/13/23	11/14/23	
o-Xylene	ND	0.0250	1	11/13/23	11/14/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/14/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/14/23	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	11/13/23	11/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2346008
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	11/13/23	11/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2346014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		107 %	50-200	11/13/23	11/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2346010
Chloride	ND	20.0	1	11/13/23	11/13/23	
Anions by EPA 300.0/9056A Chloride			Analy		11/13/23	Batch: 2



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/2023 2:40:00PM

V-1 6-6.5'

		E311096-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2346008
Benzene	ND	0.0250	1	11/13/23	11/14/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/14/23	
Toluene	ND	0.0250	1	11/13/23	11/14/23	
o-Xylene	ND	0.0250	1	11/13/23	11/14/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/14/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/14/23	
Surrogate: 4-Bromochlorobenzene-PID		93.4 %	70-130	11/13/23	11/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2346008
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	11/13/23	11/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2346014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		105 %	50-200	11/13/23	11/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2346010
Chloride	ND	20.0	1	11/13/23	11/13/23	



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/2023 2:40:00PM

V-1 7-7.5'

E311096-03

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2346008
ND	0.0250	1	11/13/23	11/14/23	
ND	0.0250	1	11/13/23	11/14/23	
ND	0.0250	1	11/13/23	11/14/23	
ND	0.0250	1	11/13/23	11/14/23	
ND	0.0500	1	11/13/23	11/14/23	
ND	0.0250	1	11/13/23	11/14/23	
	93.2 %	70-130	11/13/23	11/14/23	
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2346008
ND	20.0	1	11/13/23	11/14/23	
	93.1 %	70-130	11/13/23	11/14/23	
mg/kg	mg/kg	Ana	lyst: KM		Batch: 2346014
ND	25.0	1	11/13/23	11/14/23	
ND ND	25.0 50.0	1 1	11/13/23 11/13/23	11/14/23 11/14/23	
		1 1 50-200			
	50.0		11/13/23	11/14/23	Batch: 2346010
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 93.2 % mg/kg mg/kg ND 20.0 93.1 %	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 93.2 % 70-130 mg/kg mg/kg Ana ND 20.0 1 93.1 % 70-130	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 11/13/23 ND 0.0250 1 11/13/23 ND 0.0250 1 11/13/23 ND 0.0250 1 11/13/23 ND 0.0500 1 11/13/23 ND 0.0250 1 11/13/23 93.2 % 70-130 11/13/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 11/13/23 93.1 % 70-130 11/13/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 11/13/23 11/14/23 ND 0.0500 1 11/13/23 11/14/23 ND 0.0250 1 11/13/23 11/14/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 11/13/23 11/14/23 93.1 % 70-130 11/13/23 11/14/23



NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/2023 2:40:00PM

V-1 8-8.5'

		E311096-04				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2346008
Benzene	ND	0.0250	1	11/13/23	11/14/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/14/23	
Toluene	ND	0.0250	1	11/13/23	11/14/23	
p-Xylene	ND	0.0250	1	11/13/23	11/14/23	
o,m-Xylene	ND	0.0500	1	11/13/23	11/14/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/14/23	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	11/13/23	11/14/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2346008
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/14/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	11/13/23	11/14/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2346014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane		104 %	50-200	11/13/23	11/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2346010
Chloride	ND	20.0	1	11/13/23	11/13/23	



		Q 0 0.		iry Data					
NTG-New Tech Global Environmental				histle Unit #46	БН		·		Reported:
911 Regional Park Dr.	Project Number:		21	1106-0001					
Houston TX, 77060		Project Manager:	Et	than Sessums					11/14/2023 2:40:00PM
		Volatile O	rganics l	oy EPA 802	1B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2346008-BLK1)							Prepared: 1	1/13/23 A	nalyzed: 11/13/23
Benzene	ND	0.0250					1		
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	7.72		8.00		96.4	70-130			
LCS (2346008-BS1)							Prepared: 1	1/13/23 A	analyzed: 11/13/23
Benzene	4.93	0.0250	5.00		98.6	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.4	70-130			
Toluene	4.92	0.0250	5.00		98.4	70-130			
o-Xylene	4.83	0.0250	5.00		96.6	70-130			
p,m-Xylene	9.75	0.0500	10.0		97.5	70-130			
Total Xylenes	14.6	0.0250	15.0		97.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			
Matrix Spike (2346008-MS1)				Source:	E311076-	22	Prepared: 1	1/13/23 A	nalyzed: 11/14/23
Benzene	4.98	0.0250	5.00	ND	99.5	54-133			
Ethylbenzene	4.76	0.0250	5.00	ND	95.1	61-133			
Toluene	4.96	0.0250	5.00	ND	99.2	61-130			
o-Xylene	4.86	0.0250	5.00	ND	97.2	63-131			
p,m-Xylene	9.81	0.0500	10.0	ND	98.1	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	97.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.8	70-130			
Matrix Spike Dup (2346008-MSD1)				Source:	E311076-	22	Prepared: 1	1/13/23 A	analyzed: 11/14/23
Benzene	4.93	0.0250	5.00	ND	98.6	54-133	0.871	20	
Ethylbenzene	4.72	0.0250	5.00	ND	94.3	61-133	0.870	20	
Toluene	4.92	0.0250	5.00	ND	98.5	61-130	0.770	20	
o-Xylene	4.82	0.0250	5.00	ND	96.5	63-131	0.731	20	
p,m-Xylene	9.74	0.0500	10.0 15.0	ND	97.4	63-131	0.730	20	
	14.6			ND			0.731	20	

8.00

7.60

95.0

70-130



Surrogate: 4-Bromochlorobenzene-PID

NTG-New Tech Global Environmental 911 Regional Park Dr.	Project Name: Project Number:	Thistle Unit #46H 21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/2023 2:40:00PM

Houston TX, 77060		Project Manage	r: Etl	nan Sessums				11	/14/2023 2:40:00PN
	Non	halogenated	Organics l	oy EPA 80	15D - GI	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2346008-BLK1)							Prepared: 1	1/13/23 Ana	lyzed: 11/13/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		91.9	70-130			
LCS (2346008-BS2)							Prepared: 1	1/13/23 Ana	lyzed: 11/13/23
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0		82.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			
Matrix Spike (2346008-MS2)				Source:	E311076-2	22	Prepared: 1	1/13/23 Ana	lyzed: 11/14/23
Gasoline Range Organics (C6-C10)	42.8	20.0	50.0	ND	85.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			
Matrix Spike Dup (2346008-MSD2)				Source:	E311076-2	22	Prepared: 1	1/13/23 Ana	lyzed: 11/14/23
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	ND	87.2	70-130	1.92	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.8	70-130			

NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	Reported:
911 Regional Park Dr.	Project Number:	21106-0001	·
Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/2023 2:40:00PM

Houston TX, 77060		Project Manage	r: Eti	han Sessums					11/14/2023 2:40:00PM	
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: KM										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2346014-BLK1)							Prepared: 1	1/13/23	Analyzed: 11/14/23	
Diesel Range Organics (C10-C28)	ND	25.0								
Dil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	51.6		50.0		103	50-200				
LCS (2346014-BS1)							Prepared: 1	1/13/23	Analyzed: 11/14/23	
Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132				
Surrogate: n-Nonane	53.6		50.0		107	50-200				
Matrix Spike (2346014-MS1)				Source:	E311096-0)2	Prepared: 1	1/13/23	Analyzed: 11/14/23	
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132				
Surrogate: n-Nonane	53.4		50.0		107	50-200				
Matrix Spike Dup (2346014-MSD1)				Source:	E311096-0)2	Prepared: 1	1/13/23	Analyzed: 11/14/23	
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132	1.25	20		
Surrogate: n-Nonane	52.1		50.0		104	50-200				

NTG-New Tech Global Environmental 911 Regional Park Dr.		Project Name: Project Number:		histle Unit #46F 1106-0001	I				Reported:	
Houston TX, 77060		Project Manager:	Е	than Sessums					11/14/2023 2:40:001	PM
		Anions l	by EPA	300.0/9056A					Analyst: BA	
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPE Limi		
Blank (2346010-BLK1) Chloride	ND	20.0					Prepared:	11/13/23	Analyzed: 11/13/23	
LCS (2346010-BS1)							Prepared:	11/13/23	Analyzed: 11/13/23	
Chloride	257	20.0	250		103	90-110				
Matrix Spike (2346010-MS1)				Source: E	311096-0	1	Prepared:	11/13/23	Analyzed: 11/14/23	
Chloride	252	20.0	250	ND	101	80-120				
Matrix Spike Dup (2346010-MSD1)				Source: E	311096-0	1	Prepared:	11/13/23	Analyzed: 11/14/23	
Chloride	252	20.0	250	ND	101	80-120	0.155	20		

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

ſ	NTG-New Tech Global Environmental	Project Name:	Thistle Unit #46H	
l	911 Regional Park Dr.	Project Number:	21106-0001	Reported:
l	Houston TX, 77060	Project Manager:	Ethan Sessums	11/14/23 14:40

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.





Work Order No: <u>E311094</u>

Project Manager:	Ethan Sessums	3			Bill to: (if different) Date Woodall					Page1 of1 Work Order Comments											
	NTG Environme				Company Name:			Devon Energy										uperfund			
Address:	209 W McKay S	St			Address:			120						State of Project: Reporting:Level II Level III ST/UST RRP Level IV							
	Carlsbad, NM 8				City, Stat	e ZIP:															
Phone:	432-701-2159			Email:	esessur		obal.con	n							Deliverable	s: EDD		ADaF	Other:		
Project Name:	Thistle Unit #46H 237481		Turr	Around				1			ANA	LYSIS	REQ	UEST				Preservative	Preservative Codes		
Project Number:			Routine	✓ Rush	1	Pres. Code												None: NO D	I Water: H₂O		
Project Location			Due Date:	48 H	ours				-	7								Cool: Cool N	leOH: Me		
Sampler's Name:					e day received by the				+ DRO + MRO)										HCL HC H	NO ₃ : HN	
PO #:	2	1177730		lab, if rece	eived by 4:30pm		S		+ 0										H ₂ S0 ₄ : H ₂ N	aOH: Na	
SAMPLE RECEI	1 200 - 1200		Yes No	Wet Ice:	Yes	No	Parameters	8	DRC	200			1 1				1	H ₃ PO ₄ . HP	O ₄ . HP		
Received Intact:	ceived Intact: Yes No		Thermom	eter ID:			arar	802	0	de 4	- h					HOLD	NaHSO ₄ NABIS				
ooler Custody Seals: Yes No N/A		Correction	n Factor:	1		ď	BTEX 8021B	TPH 8015M (GRO	Chloride 4500						모	Na ₂ S ₂ O ₃ NaSO ₃	SO ₃				
Sample Custody Seals: Yes No N/A			ure Reading:				m		Ö			1 1						Zn Acetate+NaOH:	Zn		
Total Containers: 4 Correcte		Corrected	Temperature:				180				1 1				1	NaOH+Ascorbic Ac	id SAPC				
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP.										Sample Cor	nments	
V-1	5-5.5'	11/10/2023		Х		Grab	1	Х	Х	Х										1	
V-1	6-6.5'	11/10/2023		X		Grab	1	X	X	Х										2	
V-1	7-7.5'	11/10/2023		X		Grab	1	Х	X	X										3	
V-1	8-8.5'	11/10/2023		Х		Grab	1	Х	X	Х										4	
						4			() — I			38									
									4								-				
Additio	onal Comments	S:																			
Notice: Signature of this of service. Xenco will be of Xenco. A minimum ch	liable only for the co	st of samples and	d shall not as	ssume any respon	sibility for a	ny losses d	or expense	s incurr	ed by th	e client	if such loss	ses are du	e to circu	mstan	ces beyond the	control					

envirotech Inc.

Printed: 11/14/2023 2:36:33PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	NTG-New Tech Global Environmental	Date Received:	11/13/23 07	7:00	Work Order ID:	E311096
Phone:	(281) 872-9300	Date Logged In:	11/13/23 07	7:31	Logged In By:	Raina Schwanz
Email:	esessums@ntglobal.com	Due Date:	11/14/23 17	7:00 (1 day TAT)		
	Custody (COC)					
	e sample ID match the COC?		Yes			
	e number of samples per sampling site location mat	ch the COC	Yes			
	imples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No			
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion		Yes	_	Comment	s/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provi	ded on COC per
Sample C	<u>ooler</u>				client.	
7. Was a s	ample cooler received?		Yes			
8. If yes, v	was cooler received in good condition?		Yes		SRC email not sent per	client request
9. Was the	sample(s) received intact, i.e., not broken?		Yes		Sixe eman not sent per	enent request.
10. Were	custody/security seals present?		No			
	were custody/security seals intact?		NA			
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling risible ice, record the temperature. Actual sample	e received w/i 15	Yes			
		temperature. 4 v	<u>~</u>			
Sample C	ontainer pueous VOC samples present?		No			
	OC samples collected in VOA Vials?		No NA			
	head space less than 6-8 mm (pea sized or less)?		NA NA			
	trip blank (TB) included for VOC analyses?)	NA V			
	on-VOC samples collected in the correct containers'		Yes			
	appropriate volume/weight or number of sample contain	iers conecteu?	Yes			
Field Lab		ation				
	field sample labels filled out with the minimum info ample ID?	ormation.	Yes			
	ate/Time Collected?		Yes	l		
	ollectors name?		Yes			
Sample P	<u>reservation</u>					
21. Does t	the COC or field labels indicate the samples were pr	eserved?	No			
22. Are sa	mple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved m	netals?	No			
Multipha	se Sample Matrix					
	he sample have more than one phase, i.e., multipha	se?	No			
	does the COC specify which phase(s) is to be analy		NA			
	act Laboratory		1112			
	mples required to get sent to a subcontract laborato	·?	No			
	subcontract laboratory specified by the client and if	-		C1	. 31 4	
29. was a	subcontract laboratory specified by the chefit and h	so who?	NA S	Subcontract Lab	: NA	
Client In	<u>struction</u>					

Date

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

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

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

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

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

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

CONDITIONS

Action 286430

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	286430
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
scwells	Area around tank battery represented by sample ID's SW26 through SW39, as well as V-1, V-3 and V-5 approved for deferral. Site will need to be remediated and then reclaimed at time of a major facility deconstruction or at plugging and abandonment, whichever comes first.	2/19/2024