

402 East Wood Avenue Carlsbad, New Mexico 88220 Tel. 432-701-2159 www.ntgenvironmental.com

February 17, 2023

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

Re: Site Characterization and Closure Request

Ragin Cajun 12 Federal #001H

Devon Energy, LLC

Site Location: Unit O, S12, T26S, R34E (Lat 32.050663°, Long -103.420562°)

Lea County, New Mexico Incident ID: nAPP2225822313

1. Introduction

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Closure Request Report for the NMOCD District 2 Office in Artesia, New Mexico for documentation of site assessment, remedial action activities, and analysis at the Ragin Cajun 12 Federal #001H (Site). The Site is 12.91 miles East of Bennet, New Mexico located in Unit Letter O, Section 12 of Township 26 South and Range 34 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.050663° N latitude and 103.420562° W Longitude. The release occurred on Federal land. Figure 1 depicts the site location with respect to the nearest town and Figure 2 shows the topographic map of the site.

2. Background

Based on the Release Notification C-141 Form, the release occurred on September 13, 2022, as a result of packing failure on the well head. Approximately 16.23 barrels (bbls) of crude oil were released, of which 15 bbls were recovered, a net loss of 1.23 bbls of oil. Upon discovery, the well was shut-in, and area secured. The release is shown on Figure 3. The initial C-141 form is attached.

3. Groundwater and Site Characterization

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known depth to groundwater sources within a ½-mile radius of the location. No other receptors (water wells, playas, wetlands, waterways, lakebeds, or ordinance boundaries) were located within each specific boundary or distance from the Site. The site characterization documentation is attached. NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

Mr. Mike Bratcher February 17, 2023 Page 2 of 3

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
No Receptors Found	unknown

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MR	TPH (GRO+MRO)	BTEX	Benzene
19.15.29.12 Remediation and Closure	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
Notes: = not defined					

4. <u>Initial Soil Delineation Assessment Summary and Findings</u>

On September 29, 2022, NTGE conducted an initial assessment and six (6) vertical sample points, (i.e., S-1 through S-6) were installed ranging from surface to 3.5 feet below ground surface (ft bgs) within the estimated impacted area. The samples were analyzed for BTEX by EPA method 8260B, TPH by method 8015 Modified, and chloride by EPA method 300.0 by Cardinal Laboratories in Hobbs, New Mexico. Analytical results showed none of the sample points exhibited TPH or BTEX concentrations exceeding Table 3.1 Closure Criteria for Soils Impacted by a Release. However, three (3) sample points (S-1 through S-3) exhibited chloride concentrations exceeding NMOCD criteria for site closure. Three test pits were then installed in areas near S-1, S-2, and S-3 for further delineation and soil samples (TP-1, TP-2, TP-3) were taken between six (6) to eight (8) ft bgs. Analytical lab results indicated that all samples were under the regulatory limits for TPH and BTEX, with only TP-1 exceeded the regulatory limits for chlorides.

Furthermore, ten (10) horizontal sample points (i.e., H-1 through H-10) were installed outside of the suspected impacted soil area, to establish a perimeter, and was sent to Cardinal Laboratories for analysis. Analytical results show that all samples exhibited TPH, BTEX, and Chloride levels below regulatory limits. See Table 1.

5. Remedial Action Activities and Confirmation Sampling

Devon proceeded with remedial action activities at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to depths ranging from 1.5 ft bgs to 8ft bgs within the release area. The excavation area is illustrated on Figure 4.

A total of eighty-five (85) confirmation samples were collected on November 3rd, 2022 from the excavation base (i.e., CS1 – CS85) and 30 confirmation samples were collected from the excavation sidewalls (i.e., SW1 – SW30) to ensure impacted soils were successfully removed. Analytical results indicated that thirty-five (35) of the confirmation base samples (CS) and eight (8) of the confirmation sidewalls samples (SW) were above the regulatory limits and the area would require further excavation. The impacted areas are listed below.

NTGE Project No.: 226363



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- CS-10, CS-20 CS-24, CS-26, CS-28, CS-29, CS-31, CS-32, CS-38 CS-40, CS-44, CS-46 CS-49, CS-51, CS-56 CS-58, CS-61, CS-62, CS-64 CS-67, and CS-71 CS-76.
- SW-16, SW-19 SW-23, SW-27, and SW-30.

After further excavation the impacted areas listed above were re-sampled on December 5th, 2022 and 20 additional confirmation sidewall samples (i.e., SW-31 – SW-50) A photographic log documenting site conditions during confirmation sampling activities is attached.

The confirmation samples were collected every 200 square feet and submitted to the lab under proper chain of custody protocol for analysis. The samples were analyzed for the following:

- TPH (EPA method 8015 modified),
- BTEX (EPA Method 8021B), and
- Chloride (method SM4500Cl-B).

Analytical results indicated the extent of impacted soils had been removed and no further excavation was required. The excavation was backfilled and returned to near-natural grade. The final excavation extent and confirmation sample locations are shown on Figure 4 and 4 cont. Analytical results of the confirmation samples are included in Table 2.

6. Closing Request

Based on the assessment and subsequent remedial action activities, the Site is compliant with NMOCD's regulatory limits, and no further actions are required at the site. A copy of the final C- 141 is attached, and Devon formally requests closure with no further regulatory action for the Site. If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,

NTG Environmental

Attachments:

C-141 Documentation

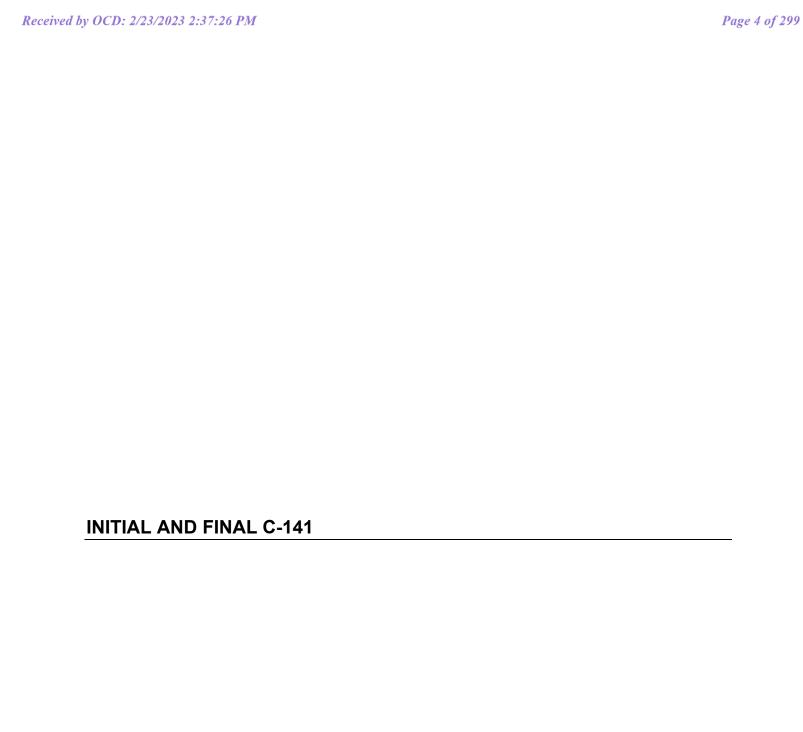
Site Characterization Documentation

Table 1 Figures

Photographic Log

Laboratory Reports and Chain-of-Custody Documents

A NTG



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						
Contact Nam	ntact Name Contact Te			elephone		
Contact email Incident #			(assigned by OCD)			
Contact mail	ing address			-		
			Location	of Release So	ource	
Latitude				Longitude		
			(NAD 83 in de	cimal degrees to 5 decin	nal places)	
Site Name				Site Type		
Date Release	Discovered			API# (if app	olicable)	
Unit Letter	Section	Township	Range	Cour	ntv]
Ont Letter	Section	Township	runge	Cour	11.7	
Surface Owner	r: State	☐ Federal ☐ Tr	ibal Private (I	Name:)
			Nature and	d Volume of 1	Release	
Crude Oil		(s) Released (Select al Volume Release		calculations or specific	Volume Reco	volumes provided below) vered (bbls)
Produced	Water	Volume Release	` '		Volume Recovered (bbls)	
	Is the concentration of total dissolved solids (TDS)		ved solids (TDS)	Yes No		
		in the produced	water >10,000 mg			
Condensa	te	Volume Release	d (bbls)		Volume Recovered (bbls)	
Natural Gas Volume Released (Mcf)			Volume Recovered (Mcf)			
Other (describe) Volume/Weight Released (provide units)		e units)	Volume/Weight Recovered (provide units)			
Cause of Rele	ease					

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Page o of 2.

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?		
☐ Yes ☐ No		
If VFS was immediate no	otice given to the OCD? By whom? To what	om? When and by what means (phone, email, etc)?
11 1 L5, was infinediate in	once given to the OCD. By whom: 10 wi	oni: When and by what means (phone, eman, etc):
	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 responsible p		, and an income of the control of th
The government of the rela	anna haa haan atammad	
	ease has been stopped.	
	as been secured to protect human health and	
Released materials ha	ave been contained via the use of berms or d	likes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and	d managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
		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.
		best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger
public health or the environr	ment. The acceptance of a C-141 report by the C	CD 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
and/or regulations.	Ta C 111 report does not reneve the operator of	responsionity for compliance with any other redefat, state, or recar laws
Duinte d Names		T'.4
		Title:
Signature: Kenwa	a Ruiz	Date:
email:		Telephone:
OCD Only		
Received by: Jocelyn	Harimon	Date: 09/29/2022_
-		

Spill Volume(Bbls) Calculator			
Inputs in blue, Outputs in red			
Cor	ntaminated S	oil measurement	
Area (squ	are feet)	Depth(inches)	
<u>1618.</u>	.687	<u>0.500</u>	
Cubic Feet of S	oil Impacted	<u>67.445</u>	
Barrels of So	il Impacted	<u>12.02</u>	
Soil T	уре	Clay/Sand	
Barrels of Oil Assuming 100% Saturation		1.80	
Saturation Fluid pres		sent with shovel/backhoe	
Estimated Barrels of Oil Released		1.80	
Free Standing Fluid Only			
Area (squ	are feet)	Depth(inches)	
<u>1618.687</u>		0.600	
Standing fluid		<u>14.427</u>	
Total fluids spilled		<u>16.230</u>	

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Incident ID	NAPP2225822313
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>Unkn</u> own' (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?				
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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Facility ID	

Application ID

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. ____ Title: EHS Professional Dale Woodall Printed Name: Dale Woodall 2/23/2023 Date: Signature: email: Dale.Woodall@dvn.com Telephone: **OCD Only** Jocelyn Harimon Received by: Date: 02/23/2023

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Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must b	e included in the plan.										
 Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) 											
Deferral Requests Only: Each of the following items must be con	nfirmed as part of any request for deferral of remediation.										
Contamination must be in areas immediately under or around p deconstruction.	roduction equipment where remediation could cause a major facility										
Extents of contamination must be fully delineated.											
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.										
	e 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: EHS Professional										
Signature: Dale Woodall	Date: 2/23/2023										
email:	Telephone:										
OCD Only											
Received by: Jocelyn Harimon	Date:02/23/2023										
Approved	Approval Denied Deferral Approved										
Signature:	Date:										

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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 it	ems must be included in the closure report.
	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	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 CD when reclamation and re-vegetation are complete.
	Date: 2/23/2023
D 1 W 1 110 1	Telephone:
OCD Only	
Received by:Jocelyn Harimon	Date: 02/23/2023
	of liability should their operations have failed to adequately investigate and vater, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:03/02/2023
Printed Name: Jennifer Nobui	Title: Environmental Specialist A

Kellan Smith

From: Ethan Sessums

Sent: Wednesday, February 22, 2023 10:19 AM

To: Kellan Smith

Subject: FW: Sampling Notification

Ethan Sessums
Project Manager
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159

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



From: Ethan Sessums

Sent: Thursday, December 1, 2022 10:24 AM

To: ocd.enviro@state.nm.us

Cc: Jordan Tyner <JTyner@ntglobal.com>

Subject: Sampling Notification

nAPP2222431222	Ragin Cajun 13-1	7/21/2022
napp2225822313	Ragin Cajun 13-1	9/13/2022

We will be confirmation sampling this site on behalf of DEVON on 15/5/2022 around 10 a.m.

Ethan Sessums Project Manager NTG Environmental New Mexico 402 E Wood Ave, Carlsbad, NM 88220 M: 254-266-5456 W: 432-701-2159

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



Kellan Smith

From: Ethan Sessums

Sent: Wednesday, February 22, 2023 10:20 AM

To: Kellan Smith

Subject: FW: Sampling Notification

Ethan Sessums
Project Manager
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159

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



From: Ethan Sessums

Sent: Wednesday, January 18, 2023 12:40 PM

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

Subject: Sampling Notification

We will be conducting the final extent of sample collection of the Ragin Cajun 13-1 nAPP2222431222/napp2225822313 On Friday the 20th at 1 p.m.

Ethan Sessums
Project Manager
NTG Environmental New Mexico
402 E Wood Ave, 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, February 22, 2023 10:45 AM

To: Kellan Smith

Subject: FW: [EXTERNAL] Sampling Event

Ethan Sessums
Project Manager
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159

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



From: Jordan Tyner <JTyner@ntglobal.com>
Sent: Wednesday, February 22, 2023 10:45 AM
To: Ethan Sessums <ESessums@ntglobal.com>
Subject: Fwd: [EXTERNAL] Sampling Event

Get Outlook for Android

From: Nobui, Jennifer, EMNRD < Jennifer.Nobui@emnrd.nm.gov >

Sent: Monday, October 31, 2022 4:27:11 PM **To:** Jordan Tyner <JTyner@ntglobal.com>

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

Subject: FW: [EXTERNAL] Sampling Event

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

Jordan

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks, Jennifer Nobui From: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov >

Sent: Monday, October 31, 2022 4:24 PM

To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Bratcher, Michael, EMNRD

<mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Sampling Event

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@state.nm.us



From: Jordan Tyner < <u>JTyner@ntglobal.com</u>>
Sent: Monday, October 31, 2022 3:39 PM

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

Cc: Ethan Sessums < ESessums@ntglobal.com>

Subject: [EXTERNAL] Sampling Event

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We will be conducting a sampling event on behalf of Devon on November 3, 2022 around 10am

napp2225822313 Ragin Cajun 13 Fed 1H 9/13/2022

Jordan Tyner
Project Scientist
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (903) 309-8358 W: (432) 813-0263

Email: jtyner@ntglobal.com

http://www.ntgenvironmental.com/



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Devon Energy - Ragin Cajun 12-1 Sec 13 T26S R34E Unit N 32.050663, -103.420562 Lea County, New Mexico

Site Characterization

- -No water features within specified distances of 1/2 mile radius, drilled within 25 years
- -Low Karst
- -USGS Groundwater is 198' below surface, 1.28 miles East of the site, 1961 Drilled, Section 19, T26S, R35E

RRALs due to insufficient *RECENT* groundwater data

- -Chlorides 600 mg/kg
- -TPH GRO+DRO+MRO 100 mg/kg
- -BTEX 50 mg/kg
- -Benzene 10 mg/kg



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New Mexico NFHL Data



November 14, 2022

1:36,112 0 0.25 0.5 1 mi 0 0.4 0.8 1.6 km

user community, Source: Esri, Maxar, Earthstar Geographics, and the G

nmflood.org is made possible through a collaboration with NMDHSEM.
This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

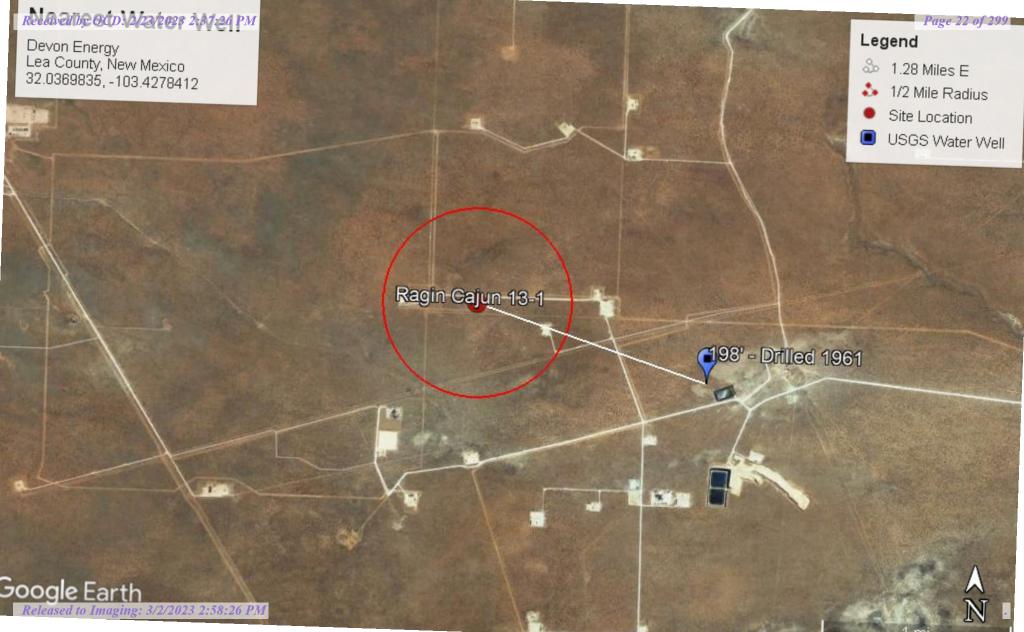
USGS Home Contact USGS Search USGS

Help Info

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National Water Information System: Mapper







USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Groundwater New Mexico GO

Click to hideNews Bulletins

- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the Water Data For The Nation Blog for full details, including how to navigate back to the legacy Current Condition page, if desired.
- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

Table of data Tab-separated data

1961-12-20

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 320150103235501

72019

198.00

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320150103235501 26S.35E.19.142

Lea County, New Mexico Latitude 32°01'53", Longitude 103°24'25" NAD27 Land-surface elevation 3,190 feet above NGVD29

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

Output formats

Graph of da	ata_									
Reselect pe	eriod_									
Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1961-12-2		D	62610		2992.00	NGVD29			0 USGS	
1961-12-2		D	62611		2992.00	NAVD88	1		USGS USGS	

Exp	lar	ıati	ion

1

0

USGS

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929

Section	Code	Description
Status	1	Static
Method of measurement	0	Observed.
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	Α	Approved for publication Processing and review completed.

Questions about sites/data? Feedback on this web site Automated retrievals <u>Help</u> Data Tips Explanation of terms
Subscribe for system changes <u>News</u>

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

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

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2022-11-14 12:43:17 EST

0.29 0.25 nadww01



TABLES

Sample ID	Date	Sample		TPH (ı	ng/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chlorides
Sample ID	Date	Depth	DRO	GRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX	(mg/kg)
H-1	9/29/2022	N/A	37.9	<10.0	19.9	57.8	<0.050	<0.050	<0.050	<0.150	<0.300	128
H-2	9/29/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
H-3	9/29/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
H-4	9/29/2022	N/A	25.6	<10.0	12.5	38.1	<0.050	<0.050	<0.050	<0.150	<0.300	160
H-5	9/29/2022	N/A	25.1	<10.0	<10.0	25.1	<0.050	<0.050	<0.050	<0.150	<0.300	64
H-6	9/29/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96
H-7	9/29/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
H-8	9/29/2022	N/A	27.4	<10.0	10.8	38.2	<0.050	<0.050	<0.050	<0.150	<0.300	208
H-9	9/29/2022	N/A	42	<10.0	16.8	58.8	<0.050	<0.050	<0.050	<0.150	<0.300	176
H-10	9/29/2022	N/A	46.3	<10.0	18.8	65.1	<0.050	<0.050	<0.050	<0.150	<0.300	192
S-1	9/29/2022	1-1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
3-1	9/29/2022	2-2.5	<10.0	<10.0	<10.0	<10.0	<0.050	< 0.050	<0.050	<0.150	<0.300	928
S-2	9/29/2022	1-1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
3-2	9/29/2022	2-2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3840
	9/29/2022	1-1.5	22.6	<10.0	17.5	40.1	<0.050	<0.050	<0.050	<0.150	<0.300	272
S-3	9/29/2022	2-2.5	<10.0	<10.0	<10.0	<10.0	<0.050	< 0.050	<0.050	<0.150	<0.300	864
	9/29/2022	3-3.5	<10.0	<10.0	<10.0	<10.0	<0.050	< 0.050	<0.050	<0.150	<0.300	3960
S-4	9/29/2022	1-1.5	<10.0	<10.0	<10.0	<10.0	<0.050	< 0.050	<0.050	<0.150	<0.300	64
S-5	9/29/2022	2-2.5	<10.0	<10.0	<10.0	<10.0	<0.050	< 0.050	<0.050	<0.150	<0.300	96
S-6	9/29/2022	3-3.5	<10.0	<10.0	<10.0	<10.0	<0.050	< 0.050	<0.050	<0.150	<0.300	160
TP-1	10/27/2022	7'	<10.0	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	< 0.075	<0.150	2120
TP-1	10/27/2022	8'	<10.0	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.075	<0.150	560
TP-2	10/27/2022	6'	<10.0	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.075	<0.150	176
TP-3	10/27/2022	6'	<10.0	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.075	<0.150	464
TP-3	10/27/2022	7'	<10.0	35.9	<10.0	35.9	<0.025	<0.025	<0.025	<0.075	<0.150	320
Regu	ılatory Limits	A				100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram TPH- total petroleum hydrocarbons

ft-feet



Sample ID	Date	Sample		TPH (ı	mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chlorides
Sample ID	Date	Depth	DRO	GRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX	(mg/kg)
CS-1	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-2	11/3/2022	3'	41.1	<10.0	<10.0	41.1	< 0.050	<0.050	<0.050	<0.150	<0.300	432
CS-3	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	512
CS-4	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	< 0.050	<0.050	<0.050	<0.150	<0.300	80
CS-5	11/3/2022	3'	30.9	<10.0	<10.0	30.9	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-6	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	< 0.050	<0.050	<0.050	<0.150	<0.300	48
CS-7	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	< 0.050	<0.050	<0.050	<0.150	<0.300	224
CS-8	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	< 0.050	<0.050	<0.050	<0.150	<0.300	64
CS-9	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	668
CS-10	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-11	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-12	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-13	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96
CS-14	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-17	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-18	11/3/2022	3'	27.2	<10.0	<10.0	27.2	<0.050	<0.050	<0.050	<0.150	<0.300	64
CS-19	11/3/2022	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
	11/3/2022	3.5'	44.4	<10.0	14.2	58.6	<0.050	<0.050	<0.050	<0.150	<0.300	5360
CS-20	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
	11/3/2022	3.5'	223	<10.0	51.6	274.6	<0.050	<0.050	<0.050	<0.150	<0.300	2480
CS-21	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3480
CS-22	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5080
CS-23	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
	11/3/2022	3.5	18.8	<10.0	<10.0	18.8	<0.050	<0.050	<0.050	<0.150	<0.300	928
CS-24	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-25	11/3/2022	7'	40.8	<10.0	<10.0	40.8	<0.050	<0.050	<0.050	<0.150	<0.300	464
C3-23	11/3/2022	7'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	880
CS-26	12/5/2022	8'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-27	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
C3-27	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	784
CS-28	12/5/2022	3.5 4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96
		3.5'	<10.0	<10.0	<10.0		<0.050	<0.050	<0.050	<0.150	<0.300	1420
CS-29	11/3/2022 12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0 <10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-30	11/3/2022	3.5'	18	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
	11/3/2022	3.5 7'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	944
CS-31	12/5/2022	8'		<10.0			<0.050		<0.050	<0.150		16
	12/5/2022	3.5'	<10.0 <10.0	<10.0	<10.0 <10.0	<10.0	<0.050	<0.050 <0.050	<0.050	<0.150	<0.300	752
CS-32	12/5/2022	4.5'		<10.0	<10.0	<10.0	<0.050	<0.050	<0.050		<0.300	160
CC 22		1.5'	<10.0			<10.0		<0.050		<0.150	<0.300	64
CS-33	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050		<0.050	<0.150	<0.300	
	11/3/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-35	11/3/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-36	11/3/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64 64
CS-37	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	
CS-38	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1340
	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-39	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	844
_	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
(-) Not Analyze	latory Limits					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

ft-feet

Commis ID	Doto	Sample		TPH (r	ng/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chlorides
Sample ID	Date	Depth	DRO	GRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX	(mg/kg)
CS-40	11/3/2022	7'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	10500
C3-40	12/5/2022	8'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-41	11/3/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-42	11/3/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-43	11/3/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96
CS-44	11/3/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1970
C3-44	12/5/2022	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-45	11/3/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-46	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	9860
C3-40	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-47	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3520
C3-47	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-48	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	13700
C3-46	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-49	11/3/2022	7'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2210
C3-43	12/5/2022	8'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-50	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-51	11/3/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1230
C3-31	12/5/2022	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-52	11/3/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-53	11/3/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-54	11/3/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-55	11/3/2022	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
CS-56	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1420
C3-50	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-57	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6160
C3-57	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-58	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	11600
C3-56	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-59	11/3/2022	6'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-60	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-61	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
C3-01	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-62	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	928
C3-02	1/20/2023	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	< 0.00199	<0.00398	<0.00398	<4.98
CS-63	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
CS-64	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2120
C3-04	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
CS-65	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1580
CJ-03	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-66	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1500
C3-00	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-67	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2040
CJ-07	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-68	11/3/2022	6'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-69	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-70	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-71	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2260
C3-/1	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16
CS-72	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1010
C3-72	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS 72	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1170
CS-73	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16
Regu	latory Limits	A				100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
(-) Not Analyze												

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

ft-feet

Sample ID	Date	Sample		TPH (ı	mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chlorides
Sample ID	Date	Depth	DRO	GRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX	(mg/kg)
CS-74	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1310
C3-74	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
CC 75	11/3/2022	3.5'	44.2	<10.0	<10.0	44.2	< 0.050	<0.050	<0.050	<0.150	<0.300	3120
CS-75	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
66.76	11/3/2022	3.5'	22.2	<10.0	<10.0	22.2	< 0.050	<0.050	<0.050	<0.150	<0.300	1630
CS-76	12/5/2022	4.5'	<10.0	<10.0	<10.0	<10.0	< 0.050	< 0.050	<0.050	<0.150	<0.300	144
CS-77	11/3/2022	6'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-78	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-79	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-80	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-81	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	560
CS-82	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-83	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-84	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-85	11/3/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-1	11/3/2022	3.3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
SW-2	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
SW-3	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-4	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16
SW-5	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
SW-6	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576
				<10.0								160
SW-7	11/3/2022		<10.0 <10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
SW-8	11/3/2022				<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-9	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	
SW-10	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-11	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-12	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
SW-13	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
SW-14	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
SW-15	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
SW-16	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2800
SW-17	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-18	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
SW-19	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6320
SW-20	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1800
SW-21	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1380
SW-22	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	848
SW-23	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2920
SW-24	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	544
SW-25	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-26	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-27	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1700
SW-28	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
SW-29	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-30	11/3/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2000
SW-31	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-32	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-33	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-34	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
SW-35	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-36	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16
SW-37	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
SW-38	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
Regu	latory Limits	, A				100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
() Not Applyze												

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

ft-feet

Sample ID	Date	Sample	TPH (mg/kg)				Benzene	Toluene	Ethlybenzene	Xylene	Total	Chlorides
		Depth	DRO	GRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX	(mg/kg)
SW-39	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
SW-40	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-41	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-42	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
SW-43	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-44	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
SW-45	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96
SW-46	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
SW-47	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-48	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-49	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
SW-50	12/5/2022		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
Regulatory Limits A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg	

(-) Not Analyzed

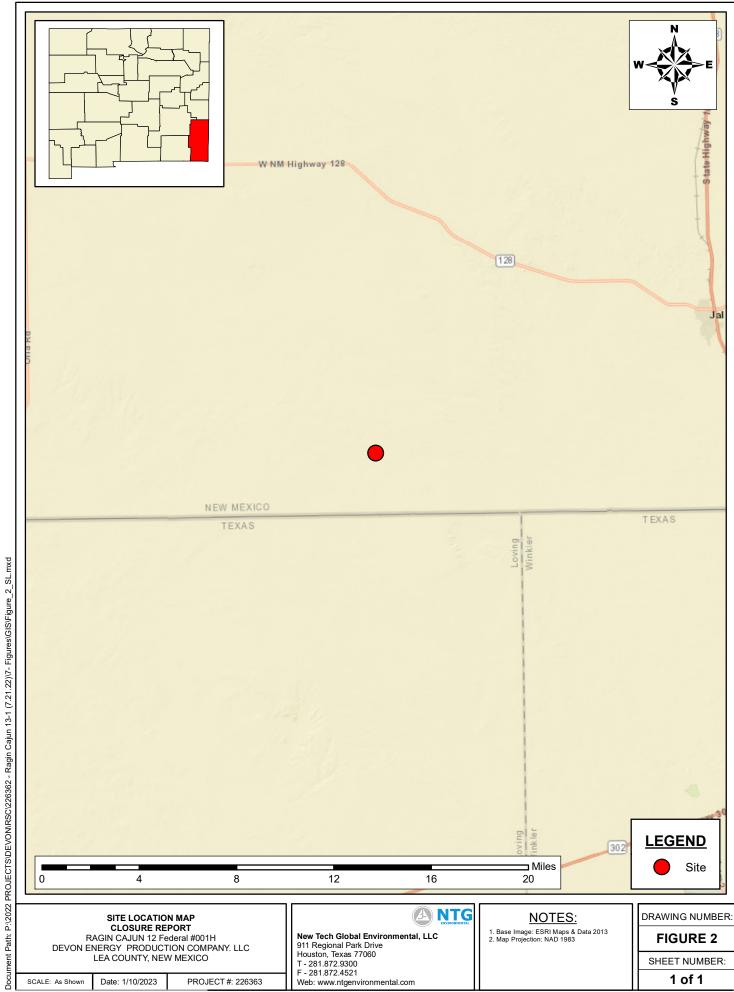
A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

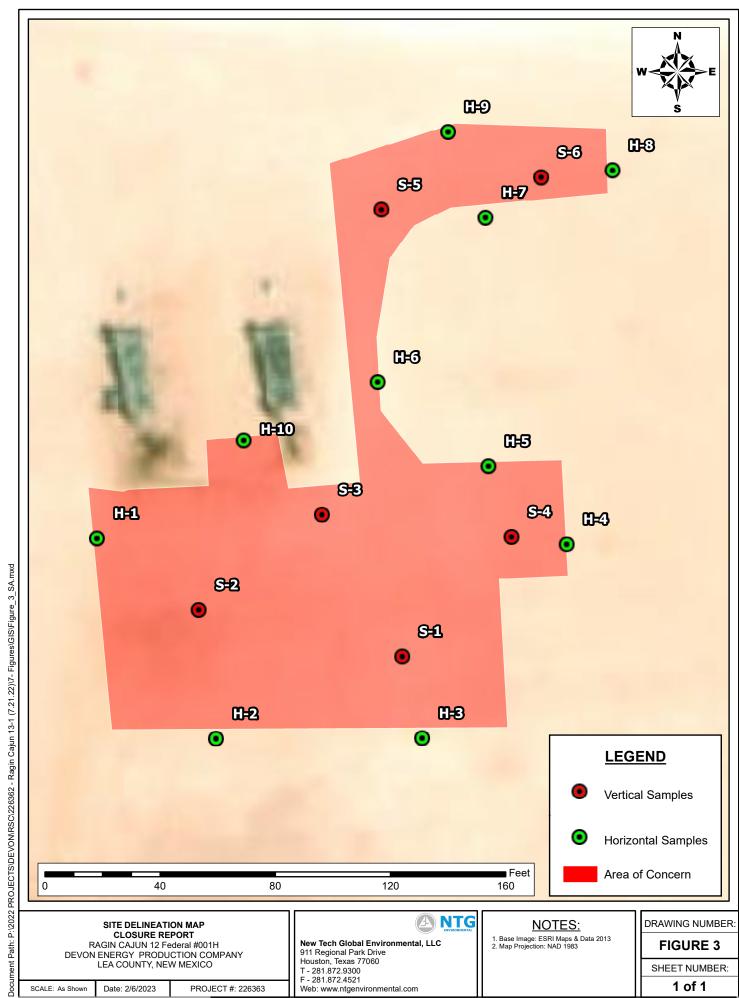
TPH- total petroleum hydrocarbons

ft-feet

FIGURES







Received by OCD: 2/23/2023 2:37:26 PM

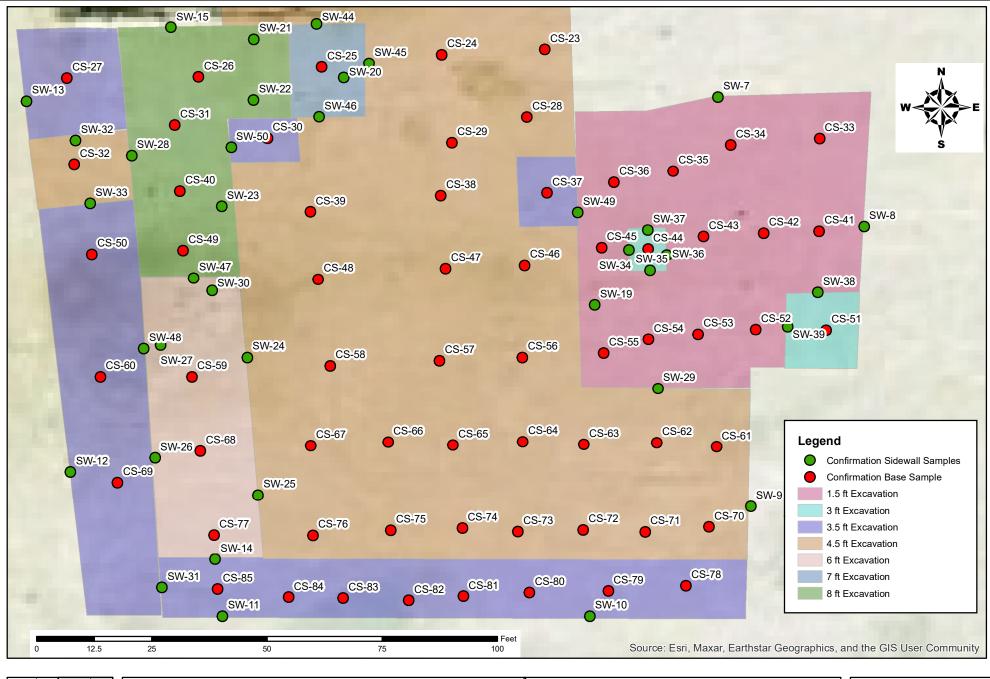


FIGURE 1
SHEET NUMBER
1 of 2

CONFIRMATION SAMPLE MAP SITE CLOSURE REPORT DEVON ENERGY PRODUCTION COMPANY Ragin Caiun 12 Federal #001H

Ragin Cajun 12 Federal #001H Lea County, New Mexico

SCALE: As Shown Date: 2/13/2023

2/13/2023 PROJECT #: 226363

New Tech Global Environmental, LLC

911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300

F - 281.872.4521 Web: www.ntgenvironmental.com



<u>NOTES:</u>

. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N iment Path: P:\2022 PROJECTS\DEVONIRSC\226362 - Ragin Cajun 13-1 (7.21.22)\7- Figures\GIS\Fig.4landscape_DH.mxd

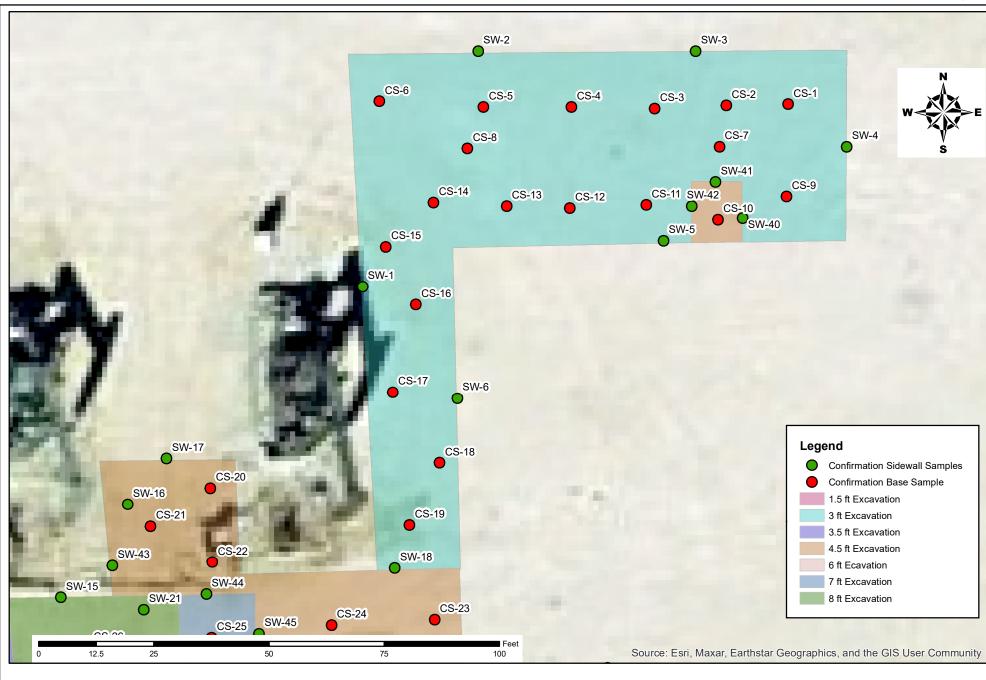


FIGURE 1
SHEET NUMBER
2 of 2

CONFIRMATION SAMPLE MAP SITE CLOSURE REPORT DEVON ENERGY PRODUCTION COMPANY

Ragin Cajun 12 Federal #001H Lea County, New Mexico

SCALE: As Shown Date: 2/13/2023

23 PROJECT #: 226363

New Tech Global Environmental, LLC

911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300

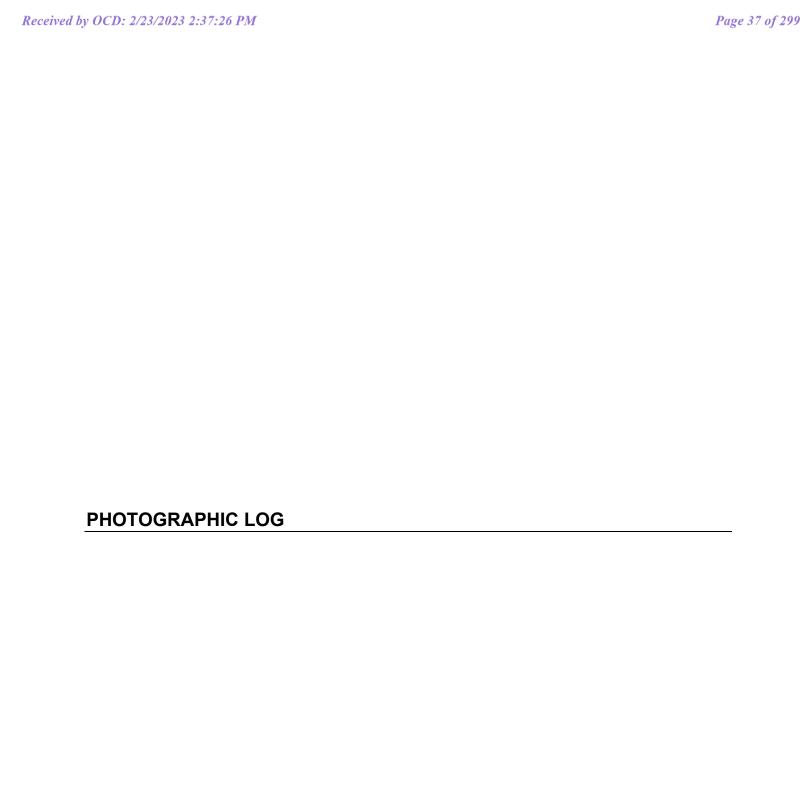
F - 281.872.4521 Web: www.ntgenvironmental.com



NOTES:

Base Image: ESRI Maps & Data 2013

Map Projection: NAD 1983 UTM Zone 13N



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 1

Facility:

Ragin Cajun 12 Federal #001H

County:

Lea County, New Mexico

Description:

View of Excavation.



Photograph No. 2

Facility:

Ragin Cajun 12 Federal #001H

County:

Lea County, New Mexico

Description:

View of Excavation.



Photograph No. 3

Facility:

Ragin Cajun 12 Federal #001H

County:

Lea County, New Mexico

Description:

View of Excavation.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 4

Facility: Ragin Cajun 12 Federal #001H

County: Lea County, New Mexico

Description:

View of Excavation.



Photograph No. 5

Facility: Ragin Cajun 12 Federal #001H

County: Lea County, New Mexico

Description:

View of Excavation.



Photograph No. 6

Facility:

Ragin Cajun 12 Federal #001H

County:

Lea County, New Mexico

Description:

View of Excavation.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 7

Facility: Ragin Cajun 12 Federal #001H

County: Lea County, New Mexico

Description:

View of Excavation.



Photograph No. 8

Facility: Ragin Cajun 12 Federal #001H

County: Lea County, New Mexico

Description:

View of Excavation.



Photograph No. 9

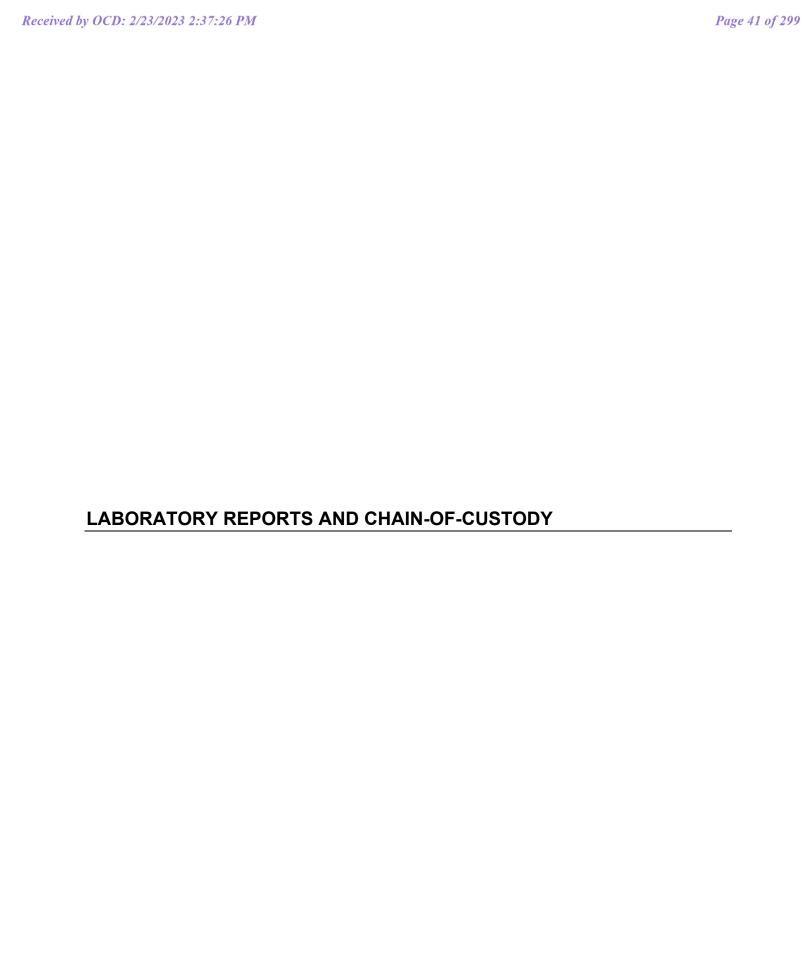
Facility: Ragin Cajun 12 Federal #001H

County: Lea County, New Mexico

Description:

View of Excavation.







October 03, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RAGIN CAJUN 13 - 1

Enclosed are the results of analyses for samples received by the laboratory on 09/29/22 14:58.

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: 09/29/2022
Reported: 10/03/2022

Project Name: RAGIN CAJUN 13 - 1 Project Number: 226038

Project Location: DEVON - LEA CO NM

Sampling Date: 09/27/2022

Sampling Type: Soil

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

Sample ID: H - 1 (H224539-01)

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	09/30/2022	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	09/30/2022	ND	2.22	111	2.00	7.64	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	7.05	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.24	104	6.00	7.83	
Total BTEX	<0.300	0.300	09/30/2022	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	128	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	37.9	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	19.9	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	78.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.6	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

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

Received: 09/29/2022 Sampling Date: 09/27/2022

Reported: 10/03/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226038 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: H - 2 (H224539-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	09/30/2022	ND	2.22	111	2.00	7.64	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	7.05	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.24	104	6.00	7.83	
Total BTEX	<0.300	0.300	09/30/2022	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	448	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	69.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.6	% 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: 09/29/2022 Sampling Date: 09/27/2022

Reported: 10/03/2022 Sampling Type: Soil
Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226038 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: H - 3 (H224539-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	09/30/2022	ND	2.22	111	2.00	7.64	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	7.05	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.24	104	6.00	7.83	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	320	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	79.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.5	% 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: 09/29/2022 Sampling Date: 09/27/2022

Reported: 10/03/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226038 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

ma/ka

Sample ID: H - 4 (H224539-04)

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	09/30/2022	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	09/30/2022	ND	2.22	111	2.00	7.64	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	7.05	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.24	104	6.00	7.83	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	160	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	25.6	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	12.5	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	57.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	69.1	% 46.3-17	8						

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Celey D. Kreene



Analytical Results For:

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

Received: 09/29/2022 Sampling Date: 09/27/2022

Reported: 10/03/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226038

Project Location: DEVON - LEA CO NM

Sample ID: H - 5 (H224539-05)

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	09/30/2022	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	09/30/2022	ND	2.22	111	2.00	7.64	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	7.05	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.24	104	6.00	7.83	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	64.0	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	25.1	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.2	% 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: 09/29/2022 Sampling Date: 09/27/2022

Reported: 10/03/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226038

Project Location: DEVON - LEA CO NM

Sample ID: H - 6 (H224539-06)

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	09/30/2022	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	09/30/2022	ND	2.22	111	2.00	7.64	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	7.05	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.24	104	6.00	7.83	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	96.0	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 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: 09/29/2022 Sampling Date: 09/27/2022

Reported: 10/03/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226038 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

ma/ka

Sample ID: H - 7 (H224539-07)

RTFY 8021R

Result								
couit	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	09/30/2022	ND	2.07	103	2.00	8.04	
<0.050	0.050	09/30/2022	ND	2.22	111	2.00	7.64	
<0.050	0.050	09/30/2022	ND	2.07	103	2.00	7.05	
<0.150	0.150	09/30/2022	ND	6.24	104	6.00	7.83	
<0.300	0.300	09/30/2022	ND					
103 9	% 69.9-14	0						
mg/	'kg	Analyzed By: GM						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
176	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
<10.0	10.0	09/30/2022	ND	190	94.8	200	0.392	
<10.0	10.0	09/30/2022	ND					
81.0	% 45.3-16	1						
96.6	% 46.3-17	8						
	<0.050 <0.050 <0.050 <0.150 <0.300 103 9 Result 176 mg/ Result <10.0 <10.0 <81.0	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 103 % 69.9-14 mg/kg Result Reporting Limit 16.0 mg/kg Result Reporting Limit 10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Analytical Results For:

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

Received: 09/29/2022 Sampling Date: 09/27/2022

Reported: 10/03/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226038 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

ma/ka

Sample ID: H - 8 (H224539-08)

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	09/30/2022	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	09/30/2022	ND	2.22	111	2.00	7.64	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	7.05	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.24	104	6.00	7.83	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	208	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	27.4	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	10.8	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	63.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.8	% 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: 09/29/2022

10/03/2022

RAGIN CAJUN 13 - 1

Project Number: 226038

Project Location: DEVON - LEA CO NM Sampling Date: 09/27/2022

Sampling Type: Soil

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

Sample ID: H - 9 (H224539-09)

Reported:

Project Name:

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2022	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	10/01/2022	ND	2.22	111	2.00	7.64	
Ethylbenzene*	<0.050	0.050	10/01/2022	ND	2.07	103	2.00	7.05	
Total Xylenes*	<0.150	0.150	10/01/2022	ND	6.24	104	6.00	7.83	
Total BTEX	<0.300	0.300	10/01/2022	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	176	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	42.0	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	16.8	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	78.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 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: 09/29/2022

Reported: 10/03/2022

Project Name: RAGIN CAJUN 13 - 1
Project Number: 226038

Project Location: DEVON - LEA CO NM

Sampling Date: 09/27/2022

Sampling Type: Soil

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

Sample ID: H - 10 (H224539-10)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2022	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	10/01/2022	ND	2.22	111	2.00	7.64	
Ethylbenzene*	<0.050	0.050	10/01/2022	ND	2.07	103	2.00	7.05	
Total Xylenes*	<0.150	0.150	10/01/2022	ND	6.24	104	6.00	7.83	
Total BTEX	<0.300	0.300	10/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	46.3	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	18.8	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	82.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 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:

.

09/29/2022

Reported: 10/03/2022

Project Name: RAGIN CAJUN 13 - 1
Project Number: 226038

Project Location: DEVON - LEA CO NM

Sampling Date: 09/29/2022

Sampling Type: Soil

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

Sample ID: S - 1 (1-1.5) (H224539-11)

Received:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2022	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	10/01/2022	ND	2.22	111	2.00	7.64	
Ethylbenzene*	<0.050	0.050	10/01/2022	ND	2.07	103	2.00	7.05	
Total Xylenes*	<0.150	0.150	10/01/2022	ND	6.24	104	6.00	7.83	
Total BTEX	<0.300	0.300	10/01/2022	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	144	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	88.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 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: 09/29/2022 Sampling Date: 09/29/2022 Reported: 10/03/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226038

Project Location: DEVON - LEA CO NM

Sample ID: S - 1 (2-2.5) (H224539-12)

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	10/01/2022	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	10/01/2022	ND	2.22	111	2.00	7.64	
Ethylbenzene*	<0.050	0.050	10/01/2022	ND	2.07	103	2.00	7.05	
Total Xylenes*	<0.150	0.150	10/01/2022	ND	6.24	104	6.00	7.83	
Total BTEX	<0.300	0.300	10/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	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	928	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	89.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109 9	% 46.3-17	8						

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09/29/2022

Soil

Analytical Results For:

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

Received: 09/29/2022 Sampling Date:
Reported: 10/03/2022 Sampling Type:

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226038 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: S - 2 (1-1.5) (H224539-13)

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	10/01/2022	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	10/01/2022	ND	2.22	111	2.00	7.64	
Ethylbenzene*	<0.050	0.050	10/01/2022	ND	2.07	103	2.00	7.05	
Total Xylenes*	<0.150	0.150	10/01/2022	ND	6.24	104	6.00	7.83	
Total BTEX	<0.300	0.300	10/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	640	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	85.4	% 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: 09/29/2022

10/03/2022

09/29/2022

RAGIN CAJUN 13 - 1

Sampling Type: Soil Sampling Condition:

Sampling Date:

Sample Received By:

Cool & Intact Tamara Oldaker

Project Name: Project Number: 226038

Reported:

Project Location: DEVON - LEA CO NM

Sample ID: S - 2 (2-2.5) (H224539-14)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2022	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	10/01/2022	ND	2.22	111	2.00	7.64	
Ethylbenzene*	<0.050	0.050	10/01/2022	ND	2.07	103	2.00	7.05	
Total Xylenes*	<0.150	0.150	10/01/2022	ND	6.24	104	6.00	7.83	
Total BTEX	<0.300	0.300	10/01/2022	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	3840	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	78.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.1	% 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: 09/29/2022

Reported: 10/03/2022

Project Name: RAGIN CAJUN 13 - 1
Project Number: 226038

Project Location: DEVON - LEA CO NM

Sampling Date: 09/29/2022

Sampling Type: Soil

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

Sample ID: S - 3 (1-1.5) (H224539-15)

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	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	< 0.050	0.050	09/30/2022	ND	1.91	95.5	2.00	8.46	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	<0.300	0.300	09/30/2022	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	272	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	22.6	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	17.5	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	90.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113	% 46.3-17	8						

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Sample Received By:

09/29/2022

Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 09/29/2022 Sampling Date:

Reported: 10/03/2022 Sampling Type: Soil
Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact

Project Number: 226038

Project Location: DEVON - LEA CO NM

Sample ID: S - 3 (2-2.5) (H224539-16)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	<0.050	0.050	09/30/2022	ND	1.91	95.5	2.00	8.46	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	864	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 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: 09/29/2022 Sampling Date: 09/27/2022 Reported: 10/03/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226038

Project Location: DEVON - LEA CO NM

Sample ID: S - 3 (3-3.5) (H224539-17)

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	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	<0.050	0.050	09/30/2022	ND	1.91	95.5	2.00	8.46	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	<0.300	0.300	09/30/2022	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	3960	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	84.9	% 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:
 09/29/2022
 Sampling Date:
 09/29/2022

 Reported:
 10/03/2022
 Sampling Type:
 Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226038 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: S - 4 (1-1.5) (H224539-18)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	<0.050	0.050	09/30/2022	ND	1.91	95.5	2.00	8.46	
Ethylbenzene*	< 0.050	0.050	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	64.0	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	90.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 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: 09/29/2022

10/03/2022

Sampling Date: Sampling Type: 09/29/2022

Project Name:

Reported:

RAGIN CAJUN 13 - 1

Sampling Condition:

Soil Cool & Intact

Project Number:

226038

Sample Received By:

Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: S - 5 (2-2.5) (H224539-19)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	<0.050	0.050	09/30/2022	ND	1.91	95.5	2.00	8.46	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	<0.300	0.300	09/30/2022	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	96.0	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	84.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 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: 09/29/2022

10/03/2022

Project Name: RAGIN CAJUN 13 - 1
Project Number: 226038

Project Location: DEVON - LEA CO NM

Sampling Date: 09/29/2022

Sampling Type: Soil

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

Sample ID: S - 6 (3-3.5) (H224539-20)

Reported:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.96	98.0	2.00	7.83	
Toluene*	<0.050	0.050	09/30/2022	ND	1.91	95.5	2.00	8.46	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.89	94.7	2.00	7.83	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.78	96.3	6.00	7.50	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	160	16.0	09/30/2022	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	09/30/2022	ND	201	101	200	0.734	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	190	94.8	200	0.392	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					
Surrogate: 1-Chlorooctane	96.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	% 46.3-17	8						

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Celey & Keene



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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Celeg D. Freene

H-9 H-8 H-7 H-6 H-5 H-4 H-3 H-2 포

9/27/2022 9/27/2022 9/27/2022 9/27/2022 9/27/2022 9/27/2022 9/27/2022 9/27/2022 9/27/2022 9/27/2022 Date

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Additional Comments:



SAMPLE RECEIPT

Temp Blank: Yes No

Yes No

Wet Ice:

Received Intact:

Sample Custody Seals:

Cooler Custody Seals:

Yes Yes

No N/A No NA

> Correction Factor: Thermometer ID:

0.60 Ç

C Yes

Parameters

BTEX 8021B

TPH 8015M (GRO + DRO + MRO)

Chloride 4500

HOLD

NaHSO₄: NABIS H₃PO₄: HP H₂S0₄: H₂

Zn Acetate+NaOH: Zn Na₂S₂O₃: NaSO₃

NaOH+Ascorbic Acid: SAPC

Sample Comments

HCL: HC

HNO3: HN MeOH: Me DI Water: H₂O

NaOH: Na

Cool: Cool None: NO

Preservative Codes

Temperature Reading: Corrected Temperature:

otal Containers:

Sample Identification

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Project Name:

Ragin Cajun 13-1

Turn Around

✓ Rush

Pres. Code

ANALYSIS REQUEST

226038

Sampler's Name:

Jordan Tyner Eddy Co, NM

> Due Date: Routine

48Hr

TAT starts the day received by the lab, if received by 4:30pm

roject Location

Deliverables: EDD	<u>om</u>	Email: Wesley.Mathews@dvn.com	Email	254-266-5456	Phone:
Reporting:Level II Level III PST/UST	Artesia, NM 88210	City, State ZIP:		Carlsbad, NM 88220	City, State ZIP:
State of Project:	6488 Seven Rivers Highway	Address:		402 E Wood Ave	Address:
Program: UST/PST PRP Brownfields	Devon Energy	Company Name:		NTG Environmental	Company Name:
Work Order Commo	Wesley Mathews	Bill to: (if different)		Ethan Sessums	Project Manager:
Pa				VIRONMENTAL	

		vay	
Deliverables: EDD	Reporting:Level III	State of Project:	Program: USI/PSI LPRP L Brownfields LRRC Luperun
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Page 23 of 24

Work Order No: 12245

of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Relinquished by: (Signature) Received by: (Signature) 92922 Date/Time 1458 Relinquished by: (Signature) Received by: (Signature)

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

Date/Time

Chain of Custody





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Si .	3	" toll	Relinguished 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 of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses a of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be		Addition	S-6 (3-3.5)	S-5 (2-2.5)	S-4 (1-1.5)	S-3 (3-3.5)	S-3 (2-2.5)	S-3 (1-1.5)	S-2 (2-2.5)	S-2 (1-1.5)	S-1 (2-2.5)	S-1 (1-1.5)	Sample Identification	Comple Identii	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:		City, State ZIP: C	Address: 40	Company Name: N	Project Manager: Et	A ENV
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192		Maka	Received b	les constitutes a shall not assum roject and a cha														Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes Not 1		TA	Du								
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Work
Order
No:
124539-I



October 31, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RAGIN CAJUN 13 - 1

Enclosed are the results of analyses for samples received by the laboratory on 10/27/22 11:18.

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. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

 Received:
 10/27/2022
 Sampling Date:
 10/27/2022

 Reported:
 10/31/2022
 Sampling Type:
 Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: ** (See Notes)
Project Number: 226363 Sample Received By: Tamara Oldaker

Applymed By MC

Project Location: DEVON - LEA CO NM

Sample ID: TP - 1 7' (H225066-01)

DTEV 0260D

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/30/2022	ND	1.88	94.1	2.00	4.67	
Toluene*	<0.025	0.025	10/30/2022	ND	1.82	91.2	2.00	0.572	
Ethylbenzene*	<0.025	0.025	10/30/2022	ND	1.87	93.7	2.00	0.643	
Total Xylenes*	<0.075	0.075	10/30/2022	ND	5.88	98.0	6.00	3.00	
Total BTEX	<0.150	0.150	10/30/2022	ND					
Surrogate: Dibromofluoromethane	94.6	% 83.7-11	4						
Surrogate: Toluene-d8	95.6	% 95.3-10	7						
Surrogate: 4-Bromofluorobenzene	98.5	% 50.9-15	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	10/27/2022	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	10/27/2022	ND	232	116	200	3.13	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	226	113	200	0.0500	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	120	% 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:
 10/27/2022
 Sampling Date:
 10/27/2022

 Reported:
 10/31/2022
 Sampling Type:
 Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: ** (See Notes)
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: DEVON - LEA CO NM

ma/ka

Sample ID: TP - 1 8' (H225066-02)

RTFY 8260R

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/30/2022	ND	1.88	94.1	2.00	4.67	
Toluene*	<0.025	0.025	10/30/2022	ND	1.82	91.2	2.00	0.572	
Ethylbenzene*	<0.025	0.025	10/30/2022	ND	1.87	93.7	2.00	0.643	
Total Xylenes*	<0.075	0.075	10/30/2022	ND	5.88	98.0	6.00	3.00	
Total BTEX	<0.150	0.150	10/30/2022	ND					
Surrogate: Dibromofluoromethane	98.0	% 83.7-11	4						
Surrogate: Toluene-d8	92.7	% 95.3-10	7						
Surrogate: 4-Bromofluorobenzene	98.8	% 50.9-15	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	10/27/2022	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	10/27/2022	ND	232	116	200	3.13	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	226	113	200	0.0500	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	110	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	% 46.3-17	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: 10/27/2022 Sampling Date: 10/27/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: ** (See Notes)
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: TP - 2 6' (H225066-03)

BTEX 8260B	mg	/kg	Analyze	d By: MS				RPD 4.67 0.572 0.643 3.00 RPD 3.77 RPD 3.13 0.0500	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/30/2022	ND	1.88	94.1	2.00	4.67	
Toluene*	<0.025	0.025	10/30/2022	ND	1.82	91.2	2.00	0.572	
Ethylbenzene*	<0.025	0.025	10/30/2022	ND	1.87	93.7	2.00	0.643	
Total Xylenes*	<0.075	0.075	10/30/2022	ND	5.88	98.0	6.00	3.00	
Total BTEX	<0.150	0.150	10/30/2022	ND					
Surrogate: Dibromofluoromethane	95.9	% 83.7-11	4						
Surrogate: Toluene-d8	94.5	% 95.3-10	07						
Surrogate: 4-Bromofluorobenzene	98.2	% 50.9-15	10						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/27/2022	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	10/27/2022	ND	232	116	200	3.13	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	226	113	200	0.0500	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	120	% 46.3-17	78						

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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: 10/27/2022 Sampling Date: 10/27/2022 Reported: 10/31/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: TP - 3 6' (H225066-04)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/30/2022	ND	1.88	94.1	2.00	4.67	
Toluene*	<0.025	0.025	10/30/2022	ND	1.82	91.2	2.00	0.572	
Ethylbenzene*	<0.025	0.025	10/30/2022	ND	1.87	93.7	2.00	0.643	
Total Xylenes*	<0.075	0.075	10/30/2022	ND	5.88	98.0	6.00	3.00	
Total BTEX	<0.150	0.150	10/30/2022	ND					
Surrogate: Dibromofluoromethane	96.4	% 83.7-11	4						
Surrogate: Toluene-d8	93.7	% 95.3-10	7						
Surrogate: 4-Bromofluorobenzene	98.4	% 50.9-15	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	10/27/2022	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	10/27/2022	ND	232	116	200	3.13	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	226	113	200	0.0500	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	126	% 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: 10/27/2022 Sampling Date: 10/27/2022 Reported: 10/31/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: TP - 3 7' (H225066-05)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/30/2022	ND	1.88	94.1	2.00	4.67	
Toluene*	<0.025	0.025	10/30/2022	ND	1.82	91.2	2.00	0.572	
Ethylbenzene*	<0.025	0.025	10/30/2022	ND	1.87	93.7	2.00	0.643	
Total Xylenes*	<0.075	0.075	10/30/2022	ND	5.88	98.0	6.00	3.00	
Total BTEX	<0.150	0.150	10/30/2022	ND					
Surrogate: Dibromofluoromethane	99.8	% 83.7-11	4						
Surrogate: Toluene-d8	91.5	% 95.3-10	7						
Surrogate: 4-Bromofluorobenzene	98.8	% 50.9-15	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/27/2022	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	10/27/2022	ND	232	116	200	3.13	
DRO >C10-C28*	35.9	10.0	10/27/2022	ND	226	113	200	0.0500	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	% 46.3-17	8						

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Notes and Definitions

S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely

affected.

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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November 08, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RAGIN CAJUN 13 - 1

Enclosed are the results of analyses for samples received by the laboratory on 11/04/22 12:45.

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



11/03/2022

Soil

Analytical Results For:

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

Sampling Date:

Sampling Type:

Received: 11/04/2022 Reported: 11/08/2022

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 1 (3') (H225227-01)

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	11/04/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	208	16.0	11/07/2022	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	11/04/2022	ND	219	109	200	21.2	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	241	120	200	31.4	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					
Surrogate: 1-Chlorooctane	73.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.5	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 2 (3') (H225227-02)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 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	432	16.0	11/07/2022	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	11/04/2022	ND	219	109	200	21.2	
DRO >C10-C28*	41.1	10.0	11/04/2022	ND	241	120	200	31.4	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					
Surrogate: 1-Chlorooctane	68.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.7	% 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:

11/04/2022

Reported: 11/08/2022

Project Name: RAGIN CAJUN 13 - 1
Project Number: 226363

Project Location: DEVON - LEA CO NM

Sampling Date: 11/03/2022

Sampling Type: Soil

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

Sample ID: CS - 3 (3') (H225227-03)

Received:

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 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	512	16.0	11/07/2022	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	11/04/2022	ND	219	109	200	21.2	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	241	120	200	31.4	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 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 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO NM

Sample ID: CS - 4 (3') (H225227-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 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	80.0	16.0	11/07/2022	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	11/04/2022	ND	219	109	200	21.2	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	241	120	200	31.4	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					
Surrogate: 1-Chlorooctane	76.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.6	% 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 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 5 (3') (H225227-05)

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	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 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	80.0	16.0	11/07/2022	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	11/05/2022	ND	219	109	200	21.2	
DRO >C10-C28*	30.9	10.0	11/05/2022	ND	241	120	200	31.4	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					
Surrogate: 1-Chlorooctane	85.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 6 (3') (H225227-06)

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	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 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	48.0	16.0	11/07/2022	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	11/05/2022	ND	219	109	200	21.2	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	241	120	200	31.4	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					
Surrogate: 1-Chlorooctane	93.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 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:

ma/ka

11/04/2022 Reported: 11/08/2022

Project Name: RAGIN CAJUN 13 - 1 Project Number: 226363

Project Location: DEVON - LEA CO NM Sampling Date: 11/03/2022

Sampling Type: Soil

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

Sample ID: CS - 7 (3') (H225227-07)

Received:

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 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	224	16.0	11/07/2022	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	11/05/2022	ND	219	109	200	21.2	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	241	120	200	31.4	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					
Surrogate: 1-Chlorooctane	100	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119	% 46.3-17	<i>'8</i>						

Analyzed By: 1H /

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Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil
Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact

Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 8 (3') (H225227-08)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	64.0	16.0	11/07/2022	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	11/05/2022	ND	219	109	200	21.2	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	241	120	200	31.4	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					
Surrogate: 1-Chlorooctane	86.2	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 9 (3') (H225227-09)

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	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 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	336	16.0	11/07/2022	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	11/05/2022	ND	219	109	200	21.2	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	241	120	200	31.4	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					
Surrogate: 1-Chlorooctane	96.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 10 (3') (H225227-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 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	688	16.0	11/07/2022	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	11/05/2022	ND	219	109	200	21.2	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	241	120	200	31.4	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					
Surrogate: 1-Chlorooctane	87.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO NM

Sample ID: CS - 11 (3') (H225227-11)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 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	352	16.0	11/07/2022	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	11/05/2022	ND	219	109	200	21.2	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	241	120	200	31.4	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					
Surrogate: 1-Chlorooctane	99.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 12 (3') (H225227-12)

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	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 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	144	16.0	11/07/2022	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	11/05/2022	ND	219	109	200	21.2	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	241	120	200	31.4	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119 9	6 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO NM

Sample ID: CS - 13 (3') (H225227-13)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 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	96.0	16.0	11/07/2022	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	11/05/2022	ND	219	109	200	21.2	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	241	120	200	31.4	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					
Surrogate: 1-Chlorooctane	85.8	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO NM

Sample ID: CS - 14 (3') (H225227-14)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 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	80.0	16.0	11/07/2022	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	93.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	<i>'8</i>						

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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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO NM

Sample ID: CS - 15 (3') (H225227-15)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 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	48.0	16.0	11/07/2022	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	92.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	<i>'8</i>						

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Celey D. Kreene



Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 16 (3') (H225227-16)

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	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 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	11/07/2022	ND	432	108	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	93.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 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 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO NM

Sample ID: CS - 17 (3') (H225227-17)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 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	176	16.0	11/07/2022	ND	432	108	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	94.2	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 18 (3') (H225227-18)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 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	64.0	16.0	11/07/2022	ND	432	108	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	27.2	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	96.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 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: 11/08/2022

Project Name: RAGIN CAJUN 13 - 1
Project Number: 226363

Project Location: DEVON - LEA CO NM

Sampling Date: 11/03/2022

Sampling Type: Soil

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

Sample ID: CS - 19 (3') (H225227-19)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 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	48.0	16.0	11/07/2022	ND	432	108	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Analyzed By: 1H /

Project Location: DEVON - LEA CO NM

Sample ID: CS - 20 (3.5') (H225227-20)

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	11/05/2022	ND	1.73	86.6	2.00	11.3	
Toluene*	<0.050	0.050	11/05/2022	ND	1.78	89.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	1.77	88.7	2.00	12.5	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	5.35	89.2	6.00	13.3	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 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	5360	16.0	11/07/2022	ND	432	108	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	44.4	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	14.2	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	92.4	% 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:

Received: 11/04/2022 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 21 (3.5') (H225227-21)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/04/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	83.5	% 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	2480	16.0	11/07/2022	ND	432	108	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	223	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	51.6	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	108 9	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	143 9	6 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 22 (3.5') (H225227-22)

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	11/04/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/04/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.5	% 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	3480	16.0	11/07/2022	ND	432	108	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	87.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.5	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 23 (3.5') (H225227-23)

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	11/04/2022	ND	2.01	100	2.00	6.05	
Toluene*	< 0.050	0.050	11/04/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	83.4	% 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	5080	16.0	11/07/2022	ND	432	108	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	82.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.5	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 24 (3.5') (H225227-24)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/04/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	83.4	% 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	928	16.0	11/07/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	18.8	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	87.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.8	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 25 (7') (H225227-25)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/04/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	84.4	% 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	464	16.0	11/07/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	40.8	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	80.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.3	% 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 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 26 (7') (H225227-26)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/04/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.0	% 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	880	16.0	11/07/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.6	% 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:

Received: 11/04/2022 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 27 (3.5') (H225227-27)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/04/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.4	% 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	11/07/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	82.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.8	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

Sample ID: CS - 28 (3.5') (H225227-28)

BTEX 8021B

	9/	9	7.1.4.7.2						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/04/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.3	% 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	784	16.0	11/07/2022	ND	432	108	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	82.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.8	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 29 (3.5') (H225227-29)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	2.01	100	2.00	6.05	
Toluene*	< 0.050	0.050	11/05/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	< 0.050	0.050	11/05/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	84.3 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	1420	16.0	11/07/2022	ND	432	108	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	77.8 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.9	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 30 (3.5') (H225227-30)

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	11/05/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/05/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.7	% 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	64.0	16.0	11/07/2022	ND	432	108	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	18.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	83.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.0	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 31 (7') (H225227-31)

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	11/05/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/05/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.4	% 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	944	16.0	11/07/2022	ND	432	108	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	93.0 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

Sample ID: CS - 32 (3.5') (H225227-32)

BTEX 8021B

DILX GOZID	ilig/ kg		Analyzed by: 311						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/05/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.6	% 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	752	16.0	11/07/2022	ND	432	108	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	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	81.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.1	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

Sample ID: CS - 33 (1.5') (H225227-33)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/05/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.4	% 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	64.0	16.0	11/07/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	189	94.3	200	0.481	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	179	89.3	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.8	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

mg/kg

Sample ID: CS - 34 (1.5') (H225227-34)

BTEX 8021B

	<u> </u>	<u> </u>		. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/05/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/07/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	94.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.1	% 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:

11/04/2022

Reported: 11/08/2022

Project Name: RAGIN CAJUN 13 - 1 Project Number: 226363

Project Location: DEVON - LEA CO NM Sampling Date: 11/03/2022

Sampling Type: Soil

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

Sample ID: CS - 35 (1.5') (H225227-35)

Received:

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/05/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	< 0.050	0.050	11/05/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	< 0.150	0.150	11/05/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.7	% 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	80.0	16.0	11/07/2022	ND	432	108	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	105 9	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108 9	6 46.3-17	8						

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11/03/2022

Soil

Analytical Results For:

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

Analyzed By: JH

Sampling Date:

Received: 11/04/2022

Reported: 11/08/2022 Sampling Type:

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 36 (1.5') (H225227-36)

BTEX 8021B

DILX GOZID	iiig/	- Kg	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/05/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.7	% 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	64.0	16.0	11/07/2022	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	102	% 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:

Received: 11/04/2022 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 37 (3.5') (H225227-37)

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	11/05/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/05/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.0	% 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	64.0	16.0	11/07/2022	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	100	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

Sample ID: CS - 38 (3.5') (H225227-38)

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	11/05/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/05/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.2	% 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	1340	16.0	11/07/2022	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	92.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.7	% 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:

Received: 11/04/2022 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

Sample ID: CS - 39 (3.5') (H225227-39)

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	11/05/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/05/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.4	% 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	844	16.0	11/07/2022	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	80.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.5	% 46.3-17	8						

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11/03/2022

Analytical Results For:

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

Received: 11/04/2022 Sampling Date:

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 40 (7') (H225227-40)

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	11/05/2022	ND	2.01	100	2.00	6.05	
Toluene*	<0.050	0.050	11/05/2022	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	11/05/2022	ND	2.06	103	2.00	6.65	
Total Xylenes*	<0.150	0.150	11/05/2022	ND	6.20	103	6.00	6.03	
Total BTEX	<0.300	0.300	11/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	83.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10500	16.0	11/07/2022	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 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 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 41 (1.5') (H225227-41)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.6	% 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	80.0	16.0	11/07/2022	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	101	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 42 (1.5') (H225227-42)

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	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.1	% 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	80.0	16.0	11/07/2022	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	96.1	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 43 (1.5') (H225227-43)

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	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.9	% 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	96.0	16.0	11/07/2022	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	96.6	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 44 (1.5') (H225227-44)

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	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.5	% 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	1970	16.0	11/07/2022	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.4	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

Sample ID: CS - 45 (1.5') (H225227-45)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.1	% 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	208	16.0	11/07/2022	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	93.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.9	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 46 (3.5') (H225227-46)

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	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 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	9860	16.0	11/07/2022	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	84.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.4	% 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:

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11/04/2022

Reported: 11/08/2022

Project Name: RAGIN CAJUN 13 - 1
Project Number: 226363

Project Location: DEVON - LEA CO NM

Sampling Date: 11/03/2022

Sampling Type: Soil

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

Sample ID: CS - 47 (3.5') (H225227-47)

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	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.3	% 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	3520	16.0	11/07/2022	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.9	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

Sample ID: CS - 48 (3.5') (H225227-48)

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	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.4	% 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	13700	16.0	11/07/2022	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	87.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.8	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 49 (7') (H225227-49)

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	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 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	2210	16.0	11/07/2022	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	11/07/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	84.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.3	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 50 (3.5') (H225227-50)

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	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	< 0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 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	368	16.0	11/07/2022	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	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.6	% 46.3-17	78						

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11/03/2022

Analytical Results For:

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

Sampling Date:

Received: 11/04/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 51 (1.5') (H225227-51)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.8	% 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	1230	16.0	11/07/2022	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	11/08/2022	ND	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	95.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.7	% 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:

Received: 11/04/2022 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 52 (1.5') (H225227-52)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 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	80.0	16.0	11/07/2022	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	198	99.2	200	0.732	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	196	97.9	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	96.6	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 53 (1.5') (H225227-53)

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	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 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	288	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	89.4	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 54 (1.5') (H225227-54)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.1	% 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	192	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	93.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil
Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact

Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 55 (1.5') (H225227-55)

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	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.9	% 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	64.0	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	87.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.6	% 46.3-17	78						

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Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil
Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact

Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 56 (3.5') (H225227-56)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.9	% 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	1420	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	81.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.8	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

Sample ID: CS - 57 (3.5') (H225227-57)

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	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.9	% 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	6160	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	82.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.2	% 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:

Applyzod By: 14

11/04/2022

Reported: 11/08/2022

Project Name: RAGIN CAJUN 13 - 1
Project Number: 226363

Project Location: DEVON - LEA CO NM

Sampling Date: 11/03/2022

Sampling Type: Soil

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

Sample ID: CS - 58 (3.5') (H225227-58)

Received:

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	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.3	% 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	11600	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	94.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.8	% 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:

Fax

Received: 11/04/2022 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 59 (6') (H225227-59)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.050 <0.150	0.050 0.050 0.050	Analyzed 11/07/2022 11/07/2022 11/07/2022	Method Blank ND ND	BS 1.96 2.06	% Recovery 98.0 103	True Value QC 2.00	RPD 2.48	Qualifier
<0.050 <0.050 <0.150	0.050 0.050	11/07/2022	ND				2.48	
<0.050 <0.150	0.050			2.06	103	2.00		
<0.150		11/07/2022				2.00	2.70	
	0.150		ND	1.98	99.0	2.00	1.80	
	0.130	11/07/2022	ND	6.00	100	6.00	1.62	
<0.300	0.300	11/07/2022	ND					
90.5	% 69.9-14	0						
mg,	/kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
400	16.0	11/07/2022	ND	416	104	400	7.41	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	11/07/2022	ND	196	98.0	200	0.664	
<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
<10.0	10.0	11/07/2022	ND					
85.6	% 45.3-16	1						
96.5	% 46.3-17	8						
	<0.300 90.5 mg/ Result 400 mg/ Result <10.0 <10.0 85.6	<0.300 0.300 90.5 % 69.9-14 mg/ky Result Reporting Limit 400 16.0 mg/ky Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0	<0.300 0.300 11/07/2022 90.5 % 69.9-140 mg/ky Analyzed 400 16.0 11/07/2022 mg/ky Analyzed Result Reporting Limit Analyzed <10.0	<0.300 0.300 11/07/2022 ND 90.5 % 69.9-140 mg/ky Analyzed By: GM Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	<0.300 0.300 11/07/2022 ND 90.5 % 69.9-140 mg/ky Analyzed By: GM Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	<0.300 11/07/2022 ND 90.5 % 69.9-140 mg/ky Analyzed By: GM Result Reporting Limit Analyzed By: MS % Recovery Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	40.300 0.300 11/07/2022 ND 90.5 % 69.9-140 mg/ky Analyzed By: GM Result Reporting Limit Analyzed Nethod Blank BS % Recovery 7 True Value QC 400 16.0 11/07/2022 ND 416 104 400 mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery 7 True Value QC <10.0 10.0 11/07/2022 ND 196 98.0 200	<0.300 11/07/2022 ND 90.5 % 69.9-140 mg/kg Analyzed By: GM Result Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD < 10.0 10.0 11/07/2022 ND 196 98.0 200 0.664 < 10.0 10.0 11/07/2022 ND 202 101 200 7.02 < 10.0 10.0 11/07/2022 ND 202 101 200 7.02 85.6 % 45.3-161

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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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 60 (3.5') (H225227-60)

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	11/07/2022	ND	1.96	98.0	2.00	2.48	
Toluene*	<0.050	0.050	11/07/2022	ND	2.06	103	2.00	2.70	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.98	99.0	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.00	100	6.00	1.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.6	% 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	208	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	91.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.5	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 61 (3.5') (H225227-61)

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	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 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	640	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	87.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.9	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 62 (3.5') (H225227-62)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	mg/kg Analyzed		d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	95.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 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:

11/04/2022

Reported: 11/08/2022

Project Name: RAGIN CAJUN 13 - 1 Project Number: 226363

Project Location: DEVON - LEA CO NM

Sampling Date: 11/03/2022

Sampling Type: Soil

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

Sample ID: CS - 63 (3.5') (H225227-63)

Received:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.8	% 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	496	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	92.4	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 64 (3.5') (H225227-64)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.4	% 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	2120	16.0	11/07/2022	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	11/08/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 65 (3.5') (H225227-65)

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	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 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	1580	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.2	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

Sample ID: CS - 66 (3.5') (H225227-66)

BTEX 8021B

DILX GOZID	iiig/	- Kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 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	1500	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	88.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.2	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 67 (3.5') (H225227-67)

RTFY 8021R

BIEX 8021B	mg	/ Kg	Analyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 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	2040	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	93.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.0	% 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: 11/08/2022

Project Name: RAGIN CAJUN 13 - 1
Project Number: 226363

Project Location: DEVON - LEA CO NM

Sampling Date: 11/03/2022

Sampling Type: Soil

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

Sample ID: CS - 68 (6') (H225227-68)

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	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.7	% 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	272	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	98.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	<i>'</i> 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 69 (3.5') (H225227-69)

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	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.3	% 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	272	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

Sample ID: CS - 70 (3.5') (H225227-70)

BTEX 8021B

DIEX GOZID	11197	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.0	% 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	256	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	97.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 71 (3.5') (H225227-71)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.7	% 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	2260	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	93.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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11/03/2022

Analytical Results For:

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

Sampling Date:

Received: 11/04/2022

mg/kg

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

Sample ID: CS - 72 (3.5') (H225227-72)

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	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.7	% 69.9-14	9						
Chloride, SM4500CI-B	mg,	mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	11/07/2022	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	11/07/2022	ND	196	98.0	200	0.664	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	202	101	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	90.2	% 45.3-16	I						
Surrogate: 1-Chlorooctadecane	97.3	% 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 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 73 (3.5') (H225227-73)

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	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.7	% 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	1170	16.0	11/07/2022	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	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	78.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.8	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 74 (3.5') (H225227-74)

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	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.7	% 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	1310	16.0	11/07/2022	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	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	69.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.3	% 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 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 75 (3.5') (H225227-75)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	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	3120	16.0	11/07/2022	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	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	44.2	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	81.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.9	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 76 (3.5') (H225227-76)

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	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.6	% 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	1630	16.0	11/07/2022	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	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	22.2	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	74.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.6	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 77 (6') (H225227-77)

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	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.3	% 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	288	16.0	11/07/2022	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	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	76.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.4	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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 78 (3.5') (H225227-78)

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	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.7	% 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	352	16.0	11/07/2022	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	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	67.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.7	% 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:

Received: 11/04/2022 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 79 (3.5') (H225227-79)

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	11/07/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/07/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.8	% 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	336	16.0	11/07/2022	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	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	77.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.6	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

Sample ID: CS - 80 (3.5') (H225227-80)

BTEX 8021B

DIEX GOZID	11197	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2022	ND	1.83	91.6	2.00	12.1	
Toluene*	<0.050	0.050	11/08/2022	ND	1.93	96.3	2.00	12.4	
Ethylbenzene*	<0.050	0.050	11/08/2022	ND	1.85	92.3	2.00	12.9	
Total Xylenes*	<0.150	0.150	11/08/2022	ND	5.64	94.1	6.00	12.3	
Total BTEX	<0.300	0.300	11/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.0	% 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	192	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	71.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.8	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 81 (3.5') (H225227-81)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	QM-07
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	< 0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	560	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	80.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.0	% 46.3-17	8						

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11/03/2022

Soil

Analytical Results For:

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

11/04/2022 Sampling Date: Reported: 11/08/2022 Sampling Type:

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 82 (3.5') (H225227-82)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 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	272	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	67.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.7	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 83 (3.5') (H225227-83)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	224	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	61.8 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	71.8 % 46.3-178		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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: CS - 84 (3.5') (H225227-84)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	304	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	54.7 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	64.1 % 46.3-178		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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: CS - 85 (3.5') (H225227-85)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 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	272 16.0		11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	77.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.3	% 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 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 1 (H225227-86)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	64.0	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	78.1 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	94.4	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 2 (H225227-87)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	80.0	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	83.2 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	101 % 46.3-178		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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 3 (H225227-88)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	160	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	79.9 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	95.3 % 46.3-178		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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

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Sample ID: SW - 4 (H225227-89)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	16.0	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	82.9 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	96.4	% 46.3-17	8						

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11/03/2022

Analytical Results For:

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

Received: 11/04/2022 Sampling Date:

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 5 (H225227-90)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	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	48.0	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	74.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.9 % 46.3-178		78						

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Notes and Definitions

QR-04 The RPD for the BS/BSD was outside of historical limits.

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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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ure) Date/Time	Received by: (Signature)	Relinquished by: (Signature)		Date/Time	Dat		re)	Received by: (Signature)	Received	•	Signature)	Relinquished by: (Signature)
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Sample Comments	-			TPH	# of Cont	Grab/ Comp	Water	Soil	Time	Date	ication	Sample Identification
NaOH+Ascorbic Acid: SAPC				801		Co	4.4	Corrected Temperature:	Corrected	115	Ш	Total Containers:
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Cool: Cool MeOH: Me						폭	48 Hr	Due Date:		Lea Co. NM	Lea	Project Location
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□ST/UST □RRP □ Level IV □	Reporting:Level II Level III Ps		M 8821	Artesia, NM 88210	A	e ZIP:	City, State ZIP			8220	Carlsbad, NM 88220	City, State ZIP. C
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Work Order Comments	Work Order		athews	Wesley Mathews	5	iifferent)	Bill to: (if different)				Ethan Sessums	Project Manager: E
Page1 of12_												
Page 93										-	ENVIRONMENTA	
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Page 167
ENVIRONMENTAL

Project Manager:

Ethan Sessums

Bill to: (if different)

Wesley Mathews

Work Order Comments

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	William	by: (Signature)	es a valid purcha sume any respor charge of \$5 for		×	×	×	×	×	×	×	×	×	×	Soil	Corrected Temperature:	Temperature Reading:	Factor:	eter ID:	Wet Ice:	lab, if red	TAT starts the day received by the	Due Date:	Routine	Tu	Email:				
	Q'A	dire)	ase order from sibility for an each sample s												Water	4.4	C	101	113	Yes	lab, if received by 4:30pm	e day receive	48 Hr	✓ Rush	Turn Around	il: Wesley.	City, State ZIP	Address:	Company Name	,
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		re) Date/Time													Sample Comments	NaOH+Ascorbic Acid: SAPO	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	0				None: NO DI Water:	Preservative Code	T Other:	/UST TRRP Level		nfields RRC uperfu	





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	erms and conditions	subcontractors. It assigns standard terms and conditions	affiliates and	enco, its	mpany to X	rder from client co	s a valid purchase o	es constitutes	shment of sampl	document and relinqui	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors.
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			×	×	_	Comp	×	1pm	11/3/2022	3.5')	CS-38 (3.5')
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			×	×	1	Comp	×	1pm	11/3/2022	(7')	CS-31 (7')
Sample Comments			TPI		# of Cont	Water Comp	Soil	Time	Date	ntification	Sample Identification
NaOH+Ascorbic Acid: SAPC			1 801			4.40	Corrected Temperature:	Corrected .	115		Total Containers:
Zn Acetate+NaOH: Zn			_	В		5.03	Temperature Reading:	Temperatu	No NIA	Yes	Sample Custody Seals
H Na ₂ S ₂ O ₃ : NaSO ₃			(GR	TEX	Pa	0,600	Factor:	Correction Factor:	No NIA	Yes	Cooler Custody Seals
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U			DRO 500	1B	nete	Yes No	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT
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HCL: HC HNO: HN			RO)			y received by the	TAT starts the day received by the		Kenny Han	Ke	Sampler's Name:
						48 Hr	Due Date:		Lea Co. NM	Lea	Project Location
None: NO DI Water: H ₂ O					Pres.	✓ Rush	Routine		226363		Project Number:
Preservative Codes	UEST	ANALYSIS REQUEST				round	Turn Around		Ragin Cajun 13-1	Ragin	Project Name:
ADaPT Other:	Deliverables: EDD AD			com	/s@dvn.	Wesley.Mathews@dvn.com	Email: M			254-266-5456	Phone:
□ST/UST □TRRP □ Level IV □	Reporting:Level II Level III	0	Artesia, NM 88210	Artesia		City, State ZIP:	C		8220	Carlsbad, NM 88220	City, State ZIP:
	State of Project:	rs Highway	6488 Seven Rivers Highway	6488 \$		Address:	A		e	402 E Wood Ave	Address:
rownfields RRC uperfund	Program: UST/PST ☐PRP ☐Brownfields ☐RRC		Devon Energy	Devon		Company Name:	0		ental	NTG Environmental	Company Name:
Work Order Comments	Work Ord		Wesley Mathews	Wesle		Bill to: (if different)	œ			Ethan Sessums	Project Manager:
Page4 of12_									-	ENVIRONMENTA	
No: H225227	Work Order No:								Total .	$\frac{2}{G}$	12



Company Name:

NTG Environmental

Company Name: Bill to: (if different)

Devon Energy Wesley Mathews

Address:	402 E Wood Ave	Ive			Address:		6488	3 Seven	6488 Seven Rivers Highway		State of Project:		
City, State ZIP:	Carlsbad, NM 88220	88220			City, State ZIP:		Arte	Artesia, NM 88210	88210		Reporting:Level II ☐ Level III ☐ PST/UST	PST/UST ∏RRP	P
Phone:	254-266-5456			Email:	Email: Wesley.Mathews@dvn.com	ews@dvr	n.com			Deli	Deliverables: EDD		er:
Project Name:	Rag	Ragin Cajun 13-1		Tun	Turn Around					ANALYSIS REDUEST	4	Description	
Project Number:		226363		Routine	✓ Rush	Pres.						None: NO DI Water I	Age
Project Location		Lea Co. NM		Due Date:	48 Hr							Carl. Carl	
Sampler's Name:	_	Kenny Han		TAT starts the	TAT starts the day received by the	e l		RO)	_			HCI - HC	
PO#		21073110		lab, if rece	lab, if received by 4:30pm			+ MF	_			H-SD: H-	
SAMPLE RECEIPT	. Ter	Temp Blank:	Yes No	Wet Ice:	Yes No	eter	В	RO	00			H BO : HB	
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Total Containers:			Corrected	Corrected Temperature:	4.40			8015				NaOH+Ascorbic Acid: SAPC	bic A
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CS-43 (1.5')	(1.5')	11/3/2022	1pm	×	Comp	р	×	×	×				
CS-44 (1.5')	(1.5')	11/3/2022	1pm	×	Comp	1p 1	×	×	×				
CS-45 (1.5')	(1.5')	11/3/2022	1pm	×	Comp	ip 1	×	×	×				
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CS-48 (3.5')	3.5')	11/3/2022	1pm	×	Comp	p 1	×	×	×				
CS-49 (7')	(7')	11/3/2022	1pm	×	Comp	p 1	×	×	×				
CS-50 (3.5')	3.5')	11/3/2022	1pm	×	Comp	p 1	×	×	×				
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Work Order No:

Revised Date 05012020 Rev. 2020.1



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		+	×	_	Comp	×	1pm	11/3/2022	(1.5')	CS-53 (1.5')
\rightarrow		×	×	_	Comp	×	1pm	11/3/2022	(1.5')	CS-52 (1.5')
\rightarrow		×	×	_	Comp	×	1pm	11/3/2022	(1.5')	CS-51 (1.5')
		IPH	TDU	# of Cont	Water Comp	Soil	Time	Date	ntification	Sample Identification
		1 801	1 904		4.40	Corrected Temperature:	Corrected	115		otal Containers:
		_			5,00	Temperature Reading:	Temperatu	No NIA)		ample Custody Seals
		_	_	Pa	-0160	Factor:	Correction Factor:	No (N/A)	Ye	ooler Custody Seals
		e 45	8021	ram	S	eter ID:	Thermometer ID:	Yes No	N.	eceived Intact:
				eter	Yes NO) Wet lce:	Yes No	Temp Blank:		AMPLE RECEIPT
		+ MR		s	lab, if received by 4:30pm	lab, if received by 4:30pm		21073110		0#
		(0)	-		av received by the	TAT starts the de		Kenny Han		ampler's Name:
-			_		48 Hr	Due Date:		Lea Co. NM		roject Location
-				Pres.	✓ Rush	Routine		226363		roject Number:
2	ANALYSIS REQUEST				Turn Around	Turn /		Ragin Cajun 13-1	Rag	roject Name:
Deliverables: EDD			B	@dvn.cc	Email: Wesley.Mathews@dvn.com	Email: V			254-266-5456	hone:
Reporting:Level III Level III PST/UST		Artesia, NM 88210	Artesia,		City, State ZIP:	0		88220	Carlsbad, NM 88220	ity, State ZIP:
State of Project:	s Highway	6488 Seven Rivers Highway	5488 Se		Address:	-		lve	402 E Wood Ave	ddress:
Program: UST/PST PRP Brownfields RRC		nergy	Devon Energy		Company Name:	0		nental	NTG Environmental	ompany Name:
		vvesiey matnews	Wesley		DIII (O. (If different)	-		10	בווומוו טפסטעוווס	Chor Manager

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Page 98 of 101





Company Name:

NTG Environmental

Company Name: Bill to: (if different)

Devon Energy Wesley Mathews

Work Order Comments

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12 Page 99 of 101

Revised Date 05012020 Rev. 2020.1



Project Manager: Company Name:

NTG Environmental Ethan Sessums

402 E Wood Ave

Address: Company Name: Bill to: (if different)

> Devon Energy Wesley Mathews

3-1 Turn Around Pres. Due Date: 48 Hr	Turn Around Routine Routine ANALYSIS REQUIRES. Code Due Date: 48 Hr
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X X X X X X X X X X X X X X Chloride 4500	HOLD

Page8 of12
Work Order Comments
Program: UST/PST ☐PRP ☐Brownfields ☐RRC ☐uperfund ☐
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Work Order No:



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X X Valid purchase order from a party responsibility for any ge of \$5 for each sample s	Ipm X Ippm X	X X X X X X X X X X X X X	1pm x	1pm X	1pm X	1pm X	Time Soil Water 1pm	Time Soil Water 1pm X 1	Temperature Reading: 5.0 Corrected Temperature: 4,4 Time Soil Water 1pm X 1	Correction Factor: -0.6 Correction Factor: -0.6 Temperature Reading: 5.0 Corrected Temperature: 4.4 Time Soil Water 1pm x	Tres (No) Wet loe: Yes (Thermometer ID: 1/3) Correction Factor: -0.6 Temperature Reading: 5.0 Corrected Temperature: 4,4 Time Soil Water 1pm X 1pm X	Iab, if received by 4:30 Yes (No) Wet Ice: Yes (Thermometer ID: //3 Correction Factor: -0.6 Temperature Reading: 5.0 Corrected Temperature: 4,4 Time Soil Water 1pm x 1p	TAT starts the day received by the lab, if received by 4:30pm Yes No Wet loe: Yes No Thermometer ID: //3 Correction Factor: -0,6 c Temperature Reading: 4,4 c Corrected Temperature: 4,4 c Time Soil Water Comp 1pm X Comp	Due Date: Due Date: 48 TAT starts the day received by 4:30 Yes \(No \) Wet loe: Yes \(Thermometer ID: \) \(\sigma \) \(Turn Around □ Routine □ Rush □ Rush □ Routine □ A8 □ □ A7 Starts the day received by 4:30 Yes (No) Wet loe: Yes (□ Thermometer ID:	Turn Around Turn Around Turn Around Due Date: 48 TAT starts the day received by 4:30 Yes No Wet Ice: Yes (Correction Factor: -0.6 Temperature Reading: 5.0 Corrected Temperature: 4.4 Time Soil Water Timm X 1pm	Turn Around Turn Around Turn Around Due Date: A8 TAT starts the day received by 4:30 Yes No Wet Ice: Correction Factor: Temperature Reading: Corrected Temperature: 1pm	Email: Wesley.	Address: City, State Email: Wesley.
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November 08, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RAGIN CAJUN 13 - 1

Enclosed are the results of analyses for samples received by the laboratory on 11/04/22 12:45.

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: 11/04/2022

Reported: 11/08/2022

Project Name: RAGIN CAJUN 13 - 1

Project Number: 226363

Project Location: DEVON - LEA CO NM

Sampling Date: 11/03/2022

Sampling Type: Soil

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

Sample ID: SW - 6 (H225228-01)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	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	576	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.7	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 7 (H225228-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	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	160	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	182	91.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	181	90.7	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	74.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.0	% 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 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

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Sample ID: SW - 8 (H225228-03)

RTFY 8021R

Result < 0.050	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Oualifica
	0.050				70 Recovery	True value QC	KPD	Qualifier
.0.050	0.050	11/07/2022	ND	1.81	90.4	2.00	8.83	
<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
<0.300	0.300	11/07/2022	ND					
101	% 69.9-14	0						
mg,	'kg	Analyzed By: GM						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
352	16.0	11/07/2022	ND	400	100	400	3.92	
mg,	'kg	Analyzed By: MS						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	11/07/2022	ND	178	89.1	200	1.08	
<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
<10.0	10.0	11/07/2022	ND					
100	% 45.3-16	1						
107	% 46.3-17	8						
	<0.150 <0.300 101 9 mg/ Result 352 mg/ Result <10.0 <10.0 100 9	<0.050 0.050 <0.150 0.150 <0.300 0.300 101	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 9 (H225228-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	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	224	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	6 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 10 (H225228-05)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	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	144	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109 9	6 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

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Sample ID: SW - 11 (H225228-06)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	224	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	99.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 12 (H225228-07)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	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	288	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	99.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 13 (H225228-08)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	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	80.0	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	102 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

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Sample ID: SW - 14 (H225228-09)

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	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 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	384	16.0	11/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 15 (H225228-10)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.81	90.4	2.00	8.83	
Toluene*	<0.050	0.050	11/07/2022	ND	1.99	99.6	2.00	6.72	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.64	94.0	6.00	7.62	
Total BTEX	<0.300	0.300	11/07/2022	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	480	16.0	11/07/2022	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	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	90.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.6	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: SW - 16 (H225228-11)

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	11/07/2022	ND	1.87	93.7	2.00	8.09	
Toluene*	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 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	2800	16.0	11/07/2022	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	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	84.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.0	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 17 (H225228-12)

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	11/07/2022	ND	1.87	93.7	2.00	8.09	
Toluene*	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 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	11/07/2022	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	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	94.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						
surrogate: 1-Cniorooctadecane	103	70 40.3-1/	o						

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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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: SW - 18 (H225228-13)

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	11/07/2022	ND	1.87	93.7	2.00	8.09	
Toluene*	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 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	352	16.0	11/07/2022	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	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: SW - 19 (H225228-14)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.87	93.7	2.00	8.09	
Toluene*	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
Total BTEX	<0.300	0.300	11/07/2022	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	6320	16.0	11/07/2022	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	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	98.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: SW - 20 (H225228-15)

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	11/07/2022	ND	1.87	93.7	2.00	8.09	
Toluene*	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
Total BTEX	<0.300	0.300	11/07/2022	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	1800	16.0	11/07/2022	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	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	98.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 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:
 11/03/2022

 Reported:
 11/08/2022
 Sampling Type:
 Soil

Reported: 11/08/2022 Sampling Type: Soil
Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact

DEVON - LEA CO NM

Project Number: 226363 Sample Received By: Tamara Oldaker

Sample ID: SW - 21 (H225228-16)

Project Location:

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	11/07/2022	ND	1.87	93.7	2.00	8.09	
Toluene*	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 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	1380	16.0	11/07/2022	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	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	89.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.7	% 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:

Received: 11/04/2022 Sampling Date: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO NM

ma/ka

Sample ID: SW - 22 (H225228-17)

RTFY 8021R

Analyte enzene* oluene*	Result	Reporting Limit	Analyzed	Mathad Dlad.					
	<0.050		,	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
oluene*	~0.030	0.050	11/07/2022	ND	1.87	93.7	2.00	8.09	
	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
hylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
otal Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
otal BTEX	<0.300	0.300	11/07/2022	ND					
urrogate: 4-Bromofluorobenzene (1	PID 101 9	% 69.9-14	0						
nloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
nloride	848	16.0	11/07/2022	ND	432	108	400	0.00	
PH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
RO C6-C10*	<10.0	10.0	11/07/2022	ND	178	89.1	200	1.08	
RO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
CT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
urrogate: 1-Chlorooctane	100 9	% 45.3-16	1						
	106 9	% 46.3-17	8						
	100 5	% 45.3-16	1	ND					

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11/03/2022

Soil

Analytical Results For:

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

11/04/2022 Sampling Date: Reported: 11/08/2022 Sampling Type:

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: SW - 23 (H225228-18)

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	11/07/2022	ND	1.87	93.7	2.00	8.09	
Toluene*	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	2920	16.0	11/07/2022	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	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	97.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO NM

mg/kg

Sample ID: SW - 24 (H225228-19)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.87	93.7	2.00	8.09	
Toluene*	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 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	544	16.0	11/07/2022	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	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	91.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.2	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 25 (H225228-20)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.87	93.7	2.00	8.09	
Toluene*	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
Total BTEX	<0.300	0.300	11/07/2022	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	320	16.0	11/07/2022	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	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.2	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO NM

mg/kg

Sample ID: SW - 26 (H225228-21)

BTEX 8021B

DILX GOZID	iiig/	, kg	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.87	93.7	2.00	8.09	
Toluene*	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 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	240	16.0	11/07/2022	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	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	87.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.8	% 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: 11/03/2022 Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: SW - 27 (H225228-22)

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	11/07/2022	ND	1.87	93.7	2.00	8.09	
Toluene*	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 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	1700	16.0	11/07/2022	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	11/07/2022	ND	178	89.1	200	1.08	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	204	102	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	89.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.1	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

Sample ID: SW - 28 (H225228-23)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.87	93.7	2.00	8.09	
Toluene*	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 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	288	16.0	11/07/2022	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	11/07/2022	ND	193	96.3	200	7.83	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	98.2	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	99.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO NM

ma/ka

Sample ID: SW - 29 (H225228-24)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.87	93.7	2.00	8.09	
Toluene*	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 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	320	16.0	11/07/2022	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	11/07/2022	ND	193	96.3	200	7.83	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	98.2	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 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: 11/03/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO NM

mg/kg

Sample ID: SW - 30 (H225228-25)

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	11/07/2022	ND	1.87	93.7	2.00	8.09	
Toluene*	<0.050	0.050	11/07/2022	ND	1.91	95.3	2.00	7.42	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	1.88	93.8	2.00	7.49	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	5.74	95.6	6.00	7.45	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 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	2000	16.0	11/07/2022	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	11/07/2022	ND	193	96.3	200	7.83	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	196	98.2	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117	% 46.3-17	8						

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Celey D. Keene



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.

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



tutes a valid purchase order from client company to Xenco, its affiliates assume any responsibility for any losses or expenses incurred by the claa charge of \$5 for each sample submitted to Xenco, but not analyzed. The by: (Signature) Ped by: (Signature) Date/Time		MINI	Relinquished by: (Signature)	x Xenco. A minimum charge of \$85.00 will be applied to each	vouce: Signature of this document and relinquishment of sam of service. Xence will be liable only for the cost of samples and	Action Granden of the L	Additional Comments:			SW-14 11/3/2022 SW-15 11/3/2022									fication	dentification	ication Yes N	Seals: Yès N Seals: Yès N 1: Seals: Yes N 1: Seals: Yes N Seals: Yes N Seals: Yes N Seals: Yès N S	Seals: Yes N Seals: Yes N Seals: Yes N Seals: Yes N 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:	Seals: Yes Yes Sw-6 1 dentification 1 dw-7 3W-6 3W-7 3W-7 3W-9 3W-11 W-11 W-12 W-13 W-14 W-15 W-15	Temp Yes N-12 N-15 N	Kel Kel	Calcal C	Lea Ker Yes Ker Yes Yes Yes N-10 W-11 W-15 W-15	Ragin 2 2 2 2 2 2 2 2 2	254-266-5	Name: 254-266-5 Name: 254-266-5 Number: 254-266-5 Number: 254-266-5 Number: 254-266-5 Location 3 4 4 2 6 6 - 5 Location 4 5 4 2 6 6 - 5 Location 5 8 8 5 8 5 8 5 8 5 8 5 8 5 8 5 8 5 8	402 E Wo Wo E ZiP: Carlsbad, 254-266-5 Carlsbad, Car	Name: NTG Envi 254-266-5 Name:	Manager: Ethan See Manager: Hann See See Vision (A) E Wo ate ZiP: Carlsbad, 254-266-5 Name: 254-266-5 Na	Manager: Ethan Sea My Name: NTG Envi S: 402 E Wo site ZiP: Carlsbad, Standard Intact: LE RECEIPT d Intact: Lustody Seals: Custody Seals: Custody Seals: Sw-10 SW-10 SW-11 SW-12 SW-13 SW-14 SW-15
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December 08, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RAGIN CAJUN 13 - 1

Enclosed are the results of analyses for samples received by the laboratory on 12/06/22 11:31.

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.

Wite Sough

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

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: CS - 10 (4.5') (H225719-01)

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	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	69.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	72.6	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: CS - 20 (4.5') (H225719-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	79.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.8	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: CS - 21 (4.5') (H225719-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
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	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	70.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.4	% 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:

Idx

12/06/2022

Reported: 12/08/2022

Project Name: RAGIN CAJUN 13 - 1
Project Number: 226362 (7.21.22)
Project Location: DEVON - LEA CO NM

Sampling Date: 12/05/2022

Sampling Type: Soil

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

Sample ID: CS - 22 (4.5') (H225719-04)

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	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
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	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	75.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	79.8	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: CS - 23 (4.5') (H225719-05)

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	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
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	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	78.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.1	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: CS - 24 (4.5') (H225719-06)

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	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-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	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	68.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	72.8	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Shalyn Rodriguez Project Number: 226362 (7.21.22) Sample Received By:

Project Location: DEVON - LEA CO NM

Sample ID: CS - 26 (8') (H225719-07)

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	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
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	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	64.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	68.6	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO NM

Sample ID: CS - 28 (4.5') (H225719-08)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	72.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.8	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: CS - 29 (4.5') (H225719-09)

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	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
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	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	71.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.6	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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 31 (8') (H225719-10)

RTFY 8021R

Result <0.050 <0.050	Reporting Limit 0.050 0.050	Analyzed 12/07/2022	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050		12/07/2022						Quantiti
	0.050		ND	2.10	105	2.00	1.86	
0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
< 0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
<0.300	0.300	12/07/2022	ND					
102 9	% 69.9-14	0						
mg/	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16.0	16.0	12/07/2022	ND	432	108	400	3.64	
mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	12/07/2022	ND	187	93.4	200	6.35	
<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
<10.0	10.0	12/07/2022	ND					
64.5	% 45.3-16	1						
68.5	% 46.3-17	8						
	<0.150 <0.300 102 9 mg/ Result 16.0 mg/ Result <10.0 <10.0 <64.5 9	<0.150 0.150 <0.300 0.300 102	<0.150	<0.150	<0.150	<0.150 0.150 12/07/2022 ND 6.71 112 <0.300 0.300 12/07/2022 ND 6.71 112 102 % 69.9-140 ND ND ND ND Recovery Result Reporting Limit Analyzed By: MS ND 432 108 Result Reporting Limit Analyzed By: MS NB % Recovery <10.0	<0.150 0.150 12/07/2022 ND 6.71 112 6.00 102 ⋅ 300 12/07/2022 ND 4.71 112 6.00 102 ⋅ 300 69.9-140 ND ND	<0.150

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Analytical Results For:

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

Received: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO NM

Sample ID: CS - 32 (4.5') (H225719-11)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
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	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	75.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	79.3	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: CS - 38 (4.5') (H225719-12)

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	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	79.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.2	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: CS - 39 (4.5') (H225719-13)

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	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	67.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	70.6	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: CS - 40 (8') (H225719-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	77.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.5	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 44 (3') (H225719-15)

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	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	77.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.6	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: CS - 46 (4.5') (H225719-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	58.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	61.2	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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 47 (4.5') (H225719-17)

RTFY 8021R

Result <0.050 <0.050	Reporting Limit 0.050 0.050	Analyzed 12/07/2022	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050		12/07/2022	ND					
	0.050		ND	2.10	105	2.00	1.86	
	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
<0.300	0.300	12/07/2022	ND					
102 9	% 69.9-14	0						
mg/	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
160	16.0	12/07/2022	ND	432	108	400	3.64	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	12/07/2022	ND	187	93.4	200	6.35	
<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
<10.0	10.0	12/07/2022	ND					
85.7	% 45.3-16	1						
91.8	% 46.3-17	8						
	<0.050 <0.150 <0.300 102 9 mg/ Result 160 mg/ Result <10.0 <10.0 <85.7 9	<0.050 0.050 <0.150 0.150 <0.300 0.300 102	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Analytical Results For:

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

Fax To:

Received: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 48 (4.5') (H225719-18)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
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	12/07/2022	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	12/07/2022	ND	187	93.4	200	6.35	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	196	98.2	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	84.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.2	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Shalyn Rodriguez Project Number: 226362 (7.21.22) Sample Received By:

Project Location: DEVON - LEA CO NM

Sample ID: CS - 49 (8') (H225719-19)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2022	ND	2.10	105	2.00	1.86	
Toluene*	<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/07/2022	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	12/07/2022	ND	201	100	200	5.42	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	194	96.9	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	78.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.69	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DEVON - LEA CO NM

Sample ID: CS - 51 (3') (H225719-20)

RTFY 8021R

тд/кд		Analyzed By: JH						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	12/07/2022	ND	2.10	105	2.00	1.86	
<0.050	0.050	12/07/2022	ND	2.19	110	2.00	0.562	
<0.050	0.050	12/07/2022	ND	2.17	109	2.00	1.55	
<0.150	0.150	12/07/2022	ND	6.71	112	6.00	1.82	
<0.300	0.300	12/07/2022	ND					
100 9	% 69.9-14	0						
mg/	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
192	16.0	12/07/2022	ND	432	108	400	3.64	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	12/07/2022	ND	201	100	200	5.42	
<10.0	10.0	12/07/2022	ND	194	96.9	200	0.287	
<10.0	10.0	12/07/2022	ND					
89.7	% 45.3-16	1						
95.8	% 46.3-17	8						
-	<0.050 <0.050 <0.050 <0.150 <0.300 100 9 mg/ Result 192 mg/ Result <10.0 <10.0 <89.7	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 100 % 69.9-14 mg/kg Result Reporting Limit 192 16.0 mg/kg Result Reporting Limit <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	<0.050 0.050 12/07/2022 <0.050 0.050 12/07/2022 <0.050 0.050 12/07/2022 <0.150 0.150 12/07/2022 <0.300 0.300 12/07/2022	<0.050	<0.050	<0.050	<0.050	<0.050

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Analytical Results For:

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

Received: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: DEVON - LEA CO NM

Sample ID: CS - 56 (4.5') (H225719-21)

RTFY 8021R

Result	Reporting Limit	Analyzed						
		Allalyzeu	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	12/07/2022	ND	2.13	106	2.00	2.58	
<0.050	0.050	12/07/2022	ND	2.13	106	2.00	3.28	
<0.050	0.050	12/07/2022	ND	2.12	106	2.00	4.07	
<0.150	0.150	12/07/2022	ND	6.47	108	6.00	1.54	
<0.300	0.300	12/07/2022	ND					
111 9	69.9-14	0						
mg/	'kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
176	16.0	12/07/2022	ND	432	108	400	3.64	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	12/07/2022	ND	201	100	200	5.42	
<10.0	10.0	12/07/2022	ND	194	96.9	200	0.287	
<10.0	10.0	12/07/2022	ND					
85.5	% 45.3-16	1						
92.7	% 46.3-17	8						
	<0.050 <0.150 <0.300 111 9 mg/ Result 176 mg/ Result <10.0 <10.0 <85.5	<0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300 111 % 69.9-14 mg/kg Result Reporting Limit 176 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Analytical Results For:

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

Received: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: DEVON - LEA CO NM

Sample ID: CS - 57 (4.5') (H225719-22)

BTEX 8021B

DILX GOZID	ıııg,	, 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	12/07/2022	ND	2.13	106	2.00	2.58	
Toluene*	<0.050	0.050	12/07/2022	ND	2.13	106	2.00	3.28	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.12	106	2.00	4.07	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.47	108	6.00	1.54	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
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	12/07/2022	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	12/07/2022	ND	201	100	200	5.42	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	194	96.9	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	88.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.9	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: DEVON - LEA CO NM

Sample ID: CS - 58 (4.5') (H225719-23)

BTEX 8021B

	9/	9	7	7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2022	ND	2.13	106	2.00	2.58	
Toluene*	<0.050	0.050	12/07/2022	ND	2.13	106	2.00	3.28	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.12	106	2.00	4.07	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.47	108	6.00	1.54	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
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	12/07/2022	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	12/07/2022	ND	201	100	200	5.42	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	194	96.9	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	94.3	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: DEVON - LEA CO NM

Sample ID: CS - 61 (4.5') (H225719-24)

BTEX 8021B

DILX GOZID	mg/	ng .	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2022	ND	2.13	106	2.00	2.58	
Toluene*	<0.050	0.050	12/07/2022	ND	2.13	106	2.00	3.28	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.12	106	2.00	4.07	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.47	108	6.00	1.54	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
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	12/07/2022	ND	416			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	12/07/2022	ND	201	100	200	5.42	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	194	96.9	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	94.0	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: DEVON - LEA CO NM

Sample ID: CS - 64 (4.5') (H225719-25)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2022	ND	2.13	106	2.00	2.58	
Toluene*	<0.050	0.050	12/07/2022	ND	2.13	106	2.00	3.28	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.12	106	2.00	4.07	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.47	108	6.00	1.54	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/07/2022	ND	416			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	12/07/2022	ND	201	100	200	5.42	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	194	96.9	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	86.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.8	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact
Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: DEVON - LEA CO NM

Sample ID: CS - 65 (4.5') (H225719-26)

BTEX 8021B

DILX GOZID	ıııg,	, 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	12/07/2022	ND	2.13	106	2.00	2.58	
Toluene*	<0.050	0.050	12/07/2022	ND	2.13	106	2.00	3.28	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.12	106	2.00	4.07	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.47	108	6.00	1.54	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
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	12/07/2022	ND	416			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	12/07/2022	ND	201	100	200	5.42	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	194	96.9	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	90.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.6	% 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: 12/06/2022 Sampling Date: 12/05/2022

Reported: 12/08/2022 Sampling Type: Soil

Project Name: RAGIN CAJUN 13 - 1 Sampling Condition: Cool & Intact Project Number: 226362 (7.21.22) Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

Sample ID: CS - 66 (4.5') (H225719-27)

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	12/07/2022	ND	2.13	106	2.00	2.58	
Toluene*	<0.050	0.050	12/07/2022	ND	2.13	106	2.00	3.28	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.12	106	2.00	4.07	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.47	108	6.00	1.54	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
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	12/07/2022	ND	416			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	12/07/2022	ND	201	100	200	5.42	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	194	96.9	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.6	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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

with Sigh



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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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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mile Sough

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 3/2/2023 2:58:26 PM

Chain of Custody

Work Order No: 1025719-127



e e B220 In 13-1 (7.21.22)	wironmental v/ood Ave d, NM 88220 26362 Eddy Co. NM Jordan Tyner Temp Blank: Ves No N/A Yes No N/A Temperature Reac 12/5/2022 X Aments:	Vironmental	Vood Ave	Company Name: Company Name: Name	Company Name: Company Name:	Vicon Vico
e e B220 In 13-1 (7.21.22)	e e 8220 Inn 13-1 (7.21.22) Inn Inn 13-1 (7.21.22) Inn Inn Inn Inn Inn Inn Inn Inn Inn In	e e 8220 In 13-1 (7.21.22) 226362 In 13-1 (7.21.22) In 13-1 (7.21	Bill IO: (if different)	Bill to: (if different)		Date Time Soil Water Comp 1 X X X 12/5/2022 X 12/5/2
Due Da TAT sts lab s (No) Wet rection Factor: rected Temper rected Temper X X X X X X X X X X X X X X X X X X	Due Da TAT sts lab s (No) Wet rection Factor: rected Temper rected Temper X X X X X X X X X X X X X X X X X X	Due Da TAT sts lab s (No) Wet rection Factor: rected Temper rected Temper X X X X X X X X X X X X X X X X X X X	Company Name: Address: City, State ZIP: Email: WesleyMathews@dvn.cc Turn Around Turn Around Routine ABhr TAT starts the day received by 4:30pm so No Wet Ice: Due Date: Due Date: TAT starts the day received by 4:30pm srmometer ID: Tection Factor: Frection Factor: Frection Factor: Code Soil Water Comp Tomperature: ABhr TAT starts the day received by the lab, if received by 4:30pm Soil Water Code Grab X Comp 1 Comp 1	Company Name: Address: Address: City, State ZIP: WesleyMathews@dvn.cc Rush Pres. Code Pres. C	Company Name: Address: City, State ZIP: Code Code Code Due Date: Address: Address: City, State ZIP: Fraction Factor: TAT starts the day received by the lab, if received by 4:30pm Wet Ice: Tection Factor: Tat starts the day received by the lab, if received by 4:30pm The lab, if received by 4:30pm The lab, if received by 4:30pm Water Code Trection Factor: Tat starts the day received by the lab, if received by 4:30pm The lab, if re	Company Name: Devon Energy
Address: City, Statt Email: Wesley\(\) Turn Around Turn Around Proutine Tal' starts the day receive lab, if received by 4:30 Wet Ice: Wet Ice: Wet Reading: Factor: Factor: X X X X X X X X X X X X X	Company Name: Address: City, State ZIP: Email: WesleyMathews	Company Name: Address: City, State ZIP: Email: Wesley/Mathews@dvn.cc Turn Around Turn Around Pres. Due Date: 1AT starts the day received by 4:30pm Wet Ice: Factor: Factor: X Water ID: Water ID: Water Comp Temperature: X Comp X Comp Comp 1 X Comp 1 Comp 1 Comp 1 Comp 1 Comp 1 Comp 1	Company Name: Address: City, State ZIP: Wesley/Mathews@dvn.cc # 13 C. 10£ -13.65 -13.65 Water Comp 1	Company Name: Address: City, State ZIP: Wesley/Mathews@dvn.cc # 13 C. Loc Albhr a day received by the eived by 4:30pm Water Code Water Comp Co	Company Name: Address: City, State ZIP: City, State ZIP: Wesley/Mathews@dvn.cc # 18	Company Name: Company Name: City, State ZIP: Artesia, NM 88210 Break Code Code Code Code Artesia, NM 88210 Code Code
Company Address: City, Statt Wesley Maround An Around Rush 48 48 48 48 48 48 48 48 48 4	Company Name: Address: City, State ZIP: WesleyMathews Waster Asy 4:30pm And Asy 4:30pm Asy received by 4:30pm Asy received by 5:30pm Comp	Company Name: Address: City, State ZIP: WesleyMathews@dvn.cc Abhr Avound Rush Aby received by the sived by 4:30pm Fres. Code 48hr Aby 4:30pm Fres. Code Code 1 Comp 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 VS@dvn.cc	Sed Vn. CC # Parameters Code Press	Wesley Matnews
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HOLD

Na₂S₂O₃: NaSO₃ NaHSO₄: NABIS

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

HCL: HC H₂S0₄: H₂

MeOH: Me HNO₃: HN NaOH: Na

DI Water: H₂O

Cool: Cool None: NO

H₃PO₄: HP

	- age _ i _ oi _ o
Work Order Comments	
Program: UST/PST	□uperfund □
State of Project:	
Reporting:Level III	☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:	
IEST Preserva	Preservative Codes

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					- 2-4
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		2	1311 ERIVIBI	Sladeigner	1000
Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)
	otiated.	e terms will be enforced unless previously nego	to Xenco, but not analyzed. These	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.	f Xenco. A minimum charge of \$85.00 will be

Relinquished by: (Signature)

Received by: (Signature)

Chain of Custody



Project Manager:	Ethan Sessums	sums			Bill to: (if different)	different)		Wesley Mathews	Mathe	SW			
Company Name:	NTG Environmental	ronmental			Company Name:	/ Name:		Devon Energy	Energy				Program: UST/PS
Address:	402 E Wood Ave	od Ave			Address:			6488 S	even R	6488 Seven Rivers Hwy			State of Project:
City, State ZIP:	Carlsbad,	Carlsbad, NM 88220			City, State ZIP	e ZIP:		Artesia, NM 88210	NM 88	210			Reporting:Level II
Phone:	254-266-5456	456		Emai	Email: WesleyMathews@dvn.com	Mathews(@dvn.co	B					Deliverables: ED
Project Name:	Ragi	Ragin Cajun 13-1 (7.21.22	7.21.22)	Tu	Turn Around						ANA	ANALYSIS REQUEST	EQUEST
Project Number:		226362		Routine	✓ Rush	_	Pres. Code						
Project Location		Eddy Co. NM	Λ	Due Date:	48hr	hr							
Sampler's Name:		Jordan Tyner	"	TAT starts the day received by the	e day receive	ed by the			RO)				
PO #:		21053206		lab, if rec	lab, if received by 4:30pm	0pm	s		+ M				
SAMPLE RECEIPT	PT	Temp Blank:	Yes No	Wet Ice:	Yes	8)	eter	IB	DRO	500			
Received Intact:		(Yes) No	Thermo	Thermometer ID:	土	8	ıram	802		le 45			
Cooler Custody Seals		Yes No NA	Correcti	Correction Factor:	2	10.	Pa	EX		orio			
Sample Custody Seals		No	Temper	Temperature Reading:	-12			вт		Chl			
Total Containers:		27	Correcte	Corrected Temperature:	1	6			801				
Sample Identification	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH				
CS-32 (4.5')	(4.5')	12/5/2022	22	×		Comp	_	×	×	×	-		
CS-38 (4.5')	(4.5')	12/5/2022	22	×		Comp	_	×	×	×	-		
CS-39 (4.5)	(4.5')	12/5/2022	22	×		Comp	_	×	×	×	-		
CS-40 (8')	(8")	12/5/2022	22	×		Comp	1	×	×	×			
CS-44 (3')	(3')	12/5/2022	22	×		Comp	1	×	×	×			
CS-46 (4.5')	(4.5')	12/5/2022	22	×		Comp	1	×	×	×			
CS-47 (4.5')	(4.5')	12/5/2022	22	×		Comp	_	×	×	×			
CS-48 (4.5')	(4.5')	12/5/2022	22	×		Comp	1	×	×	×			
CS-49 (8')	(8')	12/5/2022	22	×		Comp	1	×	×	×			
CS-51 (3')	(3')	12/5/2022	22	×		Comp	_	×	×	×			
Additio	Additional Comments	nents:											
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	document and	relinquishment of	samples consti	tutes a valid purch	ase order from	m client con	npany to Xe	enco, its	affiliates	and subconti	actors. It as	signs stand	ard terms and condition
of service. Xenco will be lable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client 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.	liable only for arge of \$85.00	the cost of sample will be applied to e	s and shall not ach project and	assume any responding the charge of \$5 for	nsibility for an	ny losses or	expenses to Xenco, b	incurred ut not ar	by the calyzed.	lient if such lo	osses are du vill be enforc	e to circums	stances beyond the cont reviously negotiated.

HOLD

NaOH+Ascorbic Acid: SAPC Zn Acetate+NaOH: Zn Na₂S₂O₃: NaSO₃ NaHSO₄: NABIS H₃PO₄: HP H₂S0₄: H₂

Sample Comments

HCL: HC

MeOH: Me

NaOH: Na HNO3: HN

None: NO Cool: Cool

DI Water: H₂O

State of Project: Reporting:Level II	
ST/UST TRRP Level IV	Deliverables: EDD 🔲 AD
	Reporting:Level II Level III
	State of Project:
ownfields RRC uperfund	Program: UST/PST
Work Order Comments	Work Orde

ample submitted	Date/Time	Date/Time Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Tim
	18/10/22 1131	2		
	10-01	4		
		6		
				Revised Date 05012020 Rev. 2020.

Chain of Custody



City, State ZIP:

Carlsbad, NM 88220

City, State ZIP:

Artesia, NM 88210 6488 Seven Rivers Hwy

Reporting:Level III Devel III Dest/UST DRRP Devel IV

State of Project:

Program: UST/PST PRP Brownfields RRC

uperfund

Work Order Comments

Address:

Company Name: Bill to: (if different)

Devon Energy Wesley Mathews

Project Manager: Company Name: Address:

Ethan Sessums

NTG Environmental 402 E Wood Ave

OCI		2/202	3 2 71	:37	:26	PM	1	Š	ळ	7		8	~		To	Sa	S	Re	15	PC	Sa	Pro	Pro	Pro	Ph
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 contro 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.		Additi				CS-66 (4.5"	CS-65 (4.5')	CS-64 (4.5')	CS-61 (4.5')	CS-58 (4.5')	CS-57 (4.5')	CS-56 (4.5')	Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:
y: (Signature)	gnature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control 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.	Colling	Additional Comments:			()	(4.5')	(4.5')	(4.5')	(4.5')	(4.5')	(4.5')	(4.5')	ntification			Υ.	(Yes)			Jc	E		Ragin Ca	254-266-5456
	iquishment of san cost of samples ar be applied to each	5.	fe:				12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022	Date	27	Yes (No) N/A	NO N/A	es) No	Temp Blank:	21053206	Jordan Tyner	Eddy Co. NM	226362	Ragin Cajun 13-1 (7.21.22	
Receive	nples constitut nd shall not as n project and a													Time	Corrected	Temperatu	Correction Factor:	Thermometer ID:	Yes No					1.22)	
Received by: (Signature)	tes a valid purcha sume any respor charge of \$5 for						×	×	×	×	×	×	×	Soil	Corrected Temperature:	Temperature Reading:	Factor:	eter ID:	Wet Ice:	lab, if rece	TAT starts the day received by the	Due Date:	Routine	Turr	Email:
ure)	ase order from nsibility for any each sample s													Water	1-12.11	122	.0	#13	Yes(lab, if received by 4:30pm	day received	48hr	√ Rush	Turn Around	Email: WesleyMathews@dvn.com
	client com y losses or submitted to					-	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Grab/ Comp	10°C		6.		No.) ă	by the				athews@
D	pany to Xe expenses i o Xenco, bi						1	_	_	_	_	_	_	# of Cont			P	arar	nete	rs			Code		dvn.cor
Date/Time	nco, its aff ncurred by ut not anal				-	+	×	×	×	×	×	×	×	TPI	H 80°	-	_	802	1B DRC) + N	//RO)			D
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Reli	subcontr t if such lo se terms v																								
Relinquished by: (Signature)	actors. It assigns standard terms and condi- osses are due to circumstances beyond the c will be enforced unless previously negotiated																							ANALY	
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re)	erms and cond as beyond the usly negotiated			_																				EST	Deliverables: EDD
Received by: (Signature)	ditions control d.																							-	EDD
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ture)														Samp	NaOH+Asco	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO;	NaHSO ₄ : NABIS	H₃PO₄: HP	H ₂ S0 ₄ : H ₂	HCL: HC	Cool: Cool	None: NO	Preser	ADaPT Other:
Date/Time														Sample Comments	NaOH+Ascorbic Acid: SAPC	NaOH: Zn	1SO ₃	ABIS		NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	Preservative Codes	Ter:

Revised Date 05012020 Rev. 2020.



December 21, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RAGIN CAJUN 13 - 1

Enclosed are the results of analyses for samples received by the laboratory on 12/06/22 11:31.

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 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: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)
Project Manager: ETHAN SESSUMS

Reported: 21-Dec-22 12:32

Fax To:

CS - 71 (4.5')	Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 72 (4.5') H225718-03 Soil O5-Dec-22 00:00 O6-Dec-22 11:31	CS - 67 (4.5')	H225718-01	Soil	05-Dec-22 00:00	06-Dec-22 11:31
CS - 73 (4.5')	CS - 71 (4.5')	H225718-02	Soil	05-Dec-22 00:00	06-Dec-22 11:31
CS - 74 (4.5')	CS - 72 (4.5')	H225718-03	Soil	05-Dec-22 00:00	06-Dec-22 11:31
CS - 75 (4.5')	CS - 73 (4.5')	H225718-04	Soil	05-Dec-22 00:00	06-Dec-22 11:31
CS - 76 (4.5')	CS - 74 (4.5')	H225718-05	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 31	CS - 75 (4.5')	H225718-06	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 32 H225718-10 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 33 H225718-11 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 34 H225718-12 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 35 H225718-13 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 36 H225718-13 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 37 H225718-14 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 38 H225718-15 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 39 H225718-16 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 40 H225718-17 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 41 H225718-18 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 42 H225718-19 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 43 H225718-20 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 44 H225718-21 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 45 H225718-22 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 46 H225718-23 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 47 H225718-24 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 48 H225718-25 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 48 H225718-25 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 48 H225718-25 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 48 H225718-25 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 49 H225718-26 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SOF-Dec-22 00:00 O6-Dec-22 11:31 SW - 48 H225718-25 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 49 H225718-26 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 49 H225718-26 Soil O5-Dec-22 00:00 O6-Dec-22 11:31	CS - 76 (4.5')	H225718-07	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 33 H225718-10 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 34 H225718-11 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 35 H225718-12 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 36 H225718-13 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 37 H225718-14 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 38 H225718-15 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 39 H225718-16 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 40 H225718-17 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 41 H225718-18 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 42 H225718-19 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 43 H225718-20 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 44 H225718-21 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 44 H225718-21 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 45 H225718-22 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 46 H225718-24 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 47 H225718-25 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 48 H225718-25 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 48 H225718-26 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 48 H225718-26 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 49 H225718-26 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SOB-Dec-22 00:00 O6-Dec-22 11:31 SW - 49 H225718-26 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 49 H225718-26 Soil O5-Dec-22 00:00 O6-Dec-22 11:31 SW - 49 H225718-26 Soil O5-Dec-22 00:00 O6-Dec-22 11:31	SW - 31	H225718-08	Soil	05-Dec-22 00:00	06-Dec-22 11:31
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SW - 40 H225718-17 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 41 H225718-18 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 42 H225718-19 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 43 H225718-20 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 44 H225718-21 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 45 H225718-22 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 46 H225718-23 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 47 H225718-24 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 48 H225718-25 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 49 H225718-26 Soil 05-Dec-22 00:00 06-Dec-22 11:31	SW - 38	H225718-15	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 41 H225718-18 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 42 H225718-19 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 43 H225718-20 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 44 H225718-21 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 45 H225718-22 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 46 H225718-23 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 47 H225718-24 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 48 H225718-25 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 49 H225718-26 Soil 05-Dec-22 00:00 06-Dec-22 11:31	SW - 39	H225718-16	Soil	05-Dec-22 00:00	06-Dec-22 11:31
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SW - 43 H225718-20 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 44 H225718-21 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 45 H225718-22 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 46 H225718-23 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 47 H225718-24 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 48 H225718-25 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 49 H225718-26 Soil 05-Dec-22 00:00 06-Dec-22 11:31	SW - 41	H225718-18	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 43 H225718-21 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 45 H225718-22 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 46 H225718-23 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 47 H225718-24 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 48 H225718-25 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 49 H225718-26 Soil 05-Dec-22 00:00 06-Dec-22 11:31	SW - 42	H225718-19	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 45	SW - 43	H225718-20	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 46	SW - 44	H225718-21	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 47	SW - 45	H225718-22	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 49 H225718-25 Soil 05-Dec-22 00:00 06-Dec-22 11:31 SW - 49 H225718-26 Soil 05-Dec-22 00:00 06-Dec-22 11:31	SW - 46	H225718-23	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 49 H225718-26 Soil 05-Dec-22 00:00 06-Dec-22 11:31	SW - 47	H225718-24	Soil	05-Dec-22 00:00	06-Dec-22 11:31
05 Dec 20 00:00	SW - 48	H225718-25	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 50 H225718-27 Soil 05-Dec-22 00:00 06-Dec-22 11:31	SW - 49	H225718-26	Soil	05-Dec-22 00:00	06-Dec-22 11:31
	SW - 50	H225718-27	Soil	05-Dec-22 00:00	06-Dec-22 11:31

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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: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)
Project Manager: ETHAN SESSUMS

Reported: 21-Dec-22 12:32

Fax To:

12/21/22 - Client requested sample ID changes on 12/20/22 (see COC). This is the revised report and will replace the one sent on 12/08/22.

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

CS - 67 (4.5') H225718-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	224		16.0	mg/kg	4	2120719	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120614	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120614	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120614	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120614	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120614	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (P.	TD)		110 %	69.9	-140	2120614	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			89.4 %	45.3	-161	2120633	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			93.1 %	46.3	-178	2120633	MS	07-Dec-22	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: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

CS - 71 (4.5') H225718-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2120719	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		110 %	69.9	-140	2120631	MS	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			82.5 %	45.3	-161	2120633	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			86.1 %	46.3	-178	2120633	MS	07-Dec-22	8015B	

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Celeg D. Keene



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

CS - 72 (4.5') H225718-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2120719	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	<u> </u>
Toluene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		109 %	69.9	-140	2120631	MS	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			93.7 %	45.3	-161	2120633	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			95.7 %	46.3	-178	2120633	MS	07-Dec-22	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

CS - 73 (4.5') H225718-04 (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	2120719	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		108 %	69.9	-140	2120631	MS	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			92.2 %	45.3	-161	2120633	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			97.1 %	46.3	-178	2120633	MS	07-Dec-22	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

CS - 74 (4.5') H225718-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	2120719	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		108 %	69.9	-140	2120631	MS	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120633	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			89.1 %	45.3	-161	2120633	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			93.6 %	46.3	-178	2120633	MS	07-Dec-22	8015B	

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Reported:

21-Dec-22 12:32



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

CS - 75 (4.5') H225718-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	176		16.0	mg/kg	4	2120719	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			107 %	69.9	-140	2120631	MS	07-Dec-22	8021B	
Petroleum Hydrocarbons by GC	FID_									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			84.7 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			95.8 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

CS - 76 (4.5') H225718-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	2120719	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120631	MS	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		108 %	69.9	-140	2120631	MS	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			83.0 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			97.9 %	46.3	-178	2120635	MS	07-Dec-22	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: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

SW - 31 H225718-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	2120719	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	(D)		107 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			93.6 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			109 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager

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21-Dec-22 12:32



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1 Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

SW - 32 H225718-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	176		16.0	mg/kg	4	2120719	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		103 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			92.7 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			108 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

SW - 33 H225718-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	2120719	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			85.8 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			101 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

SW - 34 H225718-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		108 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			86.4 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			97.5 %	46.3	-178	2120635	MS	07-Dec-22	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: RAGIN CAJUN 13 - 1 Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

SW - 35 H225718-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		107 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			82.8 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			96.1 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

SW - 36 H225718-13 (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	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		105 %	69.9-140		2120629	JH/	07-Dec-22	8021B		
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			91.4 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			103 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1 Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

SW - 37 H225718-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	304		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		108 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			88.4 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			95.9 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

SW - 38 H225718-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		106 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			90.7 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			98.9 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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21-Dec-22 12:32



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

SW - 39 H225718-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		109 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			82.7 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			93.1 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

SW - 40 H225718-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	272		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		107 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			93.2 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			104 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

10.

SW - 41 H225718-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		105 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			93.2 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			104 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

SW - 42 H225718-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pli	D)		107 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			85.3 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			96.2 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

21-Dec-22 12:32



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

SW - 43 H225718-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	176		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			91.6 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			103 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

SW - 44 H225718-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		105 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			89.9 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			100 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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21-Dec-22 12:32



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

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

SW - 45 H225718-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			107 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			91.0 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			102 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

SW - 46 H225718-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		109 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			81.3 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			93.7 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager

21-Dec-22 12:32



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

SW - 47 H225718-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			90.9 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			104 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1 Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

SW - 48 H225718-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		108 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			87.0 %	45.3	-161	2120635	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			99.9 %	46.3	-178	2120635	MS	07-Dec-22	8015B	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

SW - 49 H225718-26 (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	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		107 %	69.9	0-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120636	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120636	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120636	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			80.1 %	45.3	2-161	2120636	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			85.8 %	46.3	1-178	2120636	MS	07-Dec-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

SW - 50 H225718-27 (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	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120629	JH/	07-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		107 %	69.9	-140	2120629	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120636	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120636	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120636	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			85.1 %	45.3	-161	2120636	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			90.6 %	46.3	-178	2120636	MS	07-Dec-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Project: RAGIN CAJUN 13 - 1 Project Number: 226363 (9.13.22) Project Manager: ETHAN SESSUMS

Fax To:

Reported: 21-Dec-22 12:32

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2120719 - 1:4 DI Water										
Blank (2120719-BLK1)				Prepared &	: Analyzed:	07-Dec-22				
Chloride	ND	16.0	mg/kg							
LCS (2120719-BS1)				Prepared &	Analyzed:	07-Dec-22				
Chloride	432	16.0	mg/kg	400	·	108	80-120		·	·
LCS Dup (2120719-BSD1)				Prepared &	Analyzed:	07-Dec-22				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 2120724 - 1:4 DI Water										
Blank (2120724-BLK1)				Prepared &	Analyzed:	07-Dec-22				
Chloride	ND	16.0	mg/kg							
LCS (2120724-BS1)				Prepared &	Analyzed:	07-Dec-22				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (2120724-BSD1)				Prepared &	Analyzed:	07-Dec-22				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)
Project Manager: ETHAN SESSUMS

Reported: 21-Dec-22 12:32

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 2120614 - Volatiles										

Blank (2120614-BLK1)				Prepared & Anal	vzed: 06-Dec-22)			
Benzene	ND	0.050	mg/kg	Trepared cerman	<u> </u>	<u></u>			
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)	0.0550		mg/kg	0.0500	110	69.9-140			
LCS (2120614-BS1)				Prepared & Anal	yzed: 06-Dec-22	2			
Benzene	2.16	0.050	mg/kg	2.00	108	83.4-122			
Toluene	2.19	0.050	mg/kg	2.00	110	84.2-126			
Ethylbenzene	2.12	0.050	mg/kg	2.00	106	84.2-121			
m,p-Xylene	4.46	0.100	mg/kg	4.00	112	89.9-126			
o-Xylene	2.09	0.050	mg/kg	2.00	104	84.3-123			
Total Xylenes	6.55	0.150	mg/kg	6.00	109	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0531		mg/kg	0.0500	106	69.9-140			
LCS Dup (2120614-BSD1)				Prepared & Anal	yzed: 06-Dec-22	2			
Benzene	1.91	0.050	mg/kg	2.00	95.7	83.4-122	12.1	12.6	
Toluene	1.92	0.050	mg/kg	2.00	96.1	84.2-126	13.0	13.3	
Ethylbenzene	1.90	0.050	mg/kg	2.00	95.0	84.2-121	11.0	13.9	
m,p-Xylene	4.01	0.100	mg/kg	4.00	100	89.9-126	10.7	13.6	
o-Xylene	1.87	0.050	mg/kg	2.00	93.7	84.3-123	10.8	14.1	
Total Xylenes	5.88	0.150	mg/kg	6.00	98.0	89.1-124	10.8	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0534		mg/kg	0.0500	107	69.9-140			

Batch 2120629 - Volatiles

Blank (2120629-BLK1)		Prepared: 06-Dec-22 Analyzed: 07-Dec-22	
Benzene	ND	0.050 mg/kg	
Toluene	ND	0.050 mg/kg	
Ethylbenzene	ND	0.050 mg/kg	
Total Xylenes	ND	0.150 mg/kg	

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Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)
Project Manager: ETHAN SESSUMS

Spike

Source

Reported: 21-Dec-22 12:32

RPD

Fax To:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2120629 - Volatiles										
Blank (2120629-BLK1)				Prepared: 0	6-Dec-22 A	Analyzed: 0	7-Dec-22			
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0538		mg/kg	0.0500		108	69.9-140			
LCS (2120629-BS1)				Prepared: 0	6-Dec-22 A	Analyzed: 0	7-Dec-22			
Benzene	2.16	0.050	mg/kg	2.00		108	83.4-122			
Toluene	2.16	0.050	mg/kg	2.00		108	84.2-126			
Ethylbenzene	2.13	0.050	mg/kg	2.00		106	84.2-121			
m,p-Xylene	4.53	0.100	mg/kg	4.00		113	89.9-126			
o-Xylene	2.13	0.050	mg/kg	2.00		107	84.3-123			
Total Xylenes	6.66	0.150	mg/kg	6.00		111	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0549		mg/kg	0.0500		110	69.9-140			
LCS Dup (2120629-BSD1)				Prepared: 0	6-Dec-22 A	Analyzed: 0	7-Dec-22			
Benzene	2.17	0.050	mg/kg	2.00		109	83.4-122	0.609	12.6	
Toluene	2.19	0.050	mg/kg	2.00		109	84.2-126	1.05	13.3	
Ethylbenzene	2.13	0.050	mg/kg	2.00		106	84.2-121	0.0787	13.9	
m,p-Xylene	4.45	0.100	mg/kg	4.00		111	89.9-126	1.79	13.6	
o-Xylene	2.11	0.050	mg/kg	2.00		105	84.3-123	1.11	14.1	
Total Xylenes	6.56	0.150	mg/kg	6.00		109	89.1-124	1.57	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0527		mg/kg	0.0500		105	69.9-140			

Blank (2120631-BLK1)				Prepared: 06-Dec-	22 Analyzed: 0	7-Dec-22	
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)	0.0539		mg/kg	0.0500	108	69.9-140	

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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: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)
Project Manager: ETHAN SESSUMS

Reported: 21-Dec-22 12:32

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 2120631 - Volatiles										
LCS (2120631-BS1)				Prepared: 0)6-Dec-22 A	Analyzed: (7-Dec-22			
Benzene	2.13	0.050	mg/kg	2.00		106	83.4-122			
Toluene	2.13	0.050	mg/kg	2.00		106	84.2-126			
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	84.2-121			
m,p-Xylene	4.35	0.100	mg/kg	4.00		109	89.9-126			
o-Xylene	2.12	0.050	mg/kg	2.00		106	84.3-123			
Total Xylenes	6.47	0.150	mg/kg	6.00		108	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0502		mg/kg	0.0500		100	69.9-140			
LCS Dup (2120631-BSD1)				Prepared: ()6-Dec-22 A	Analyzed: (7-Dec-22			
Benzene	2.18	0.050	mg/kg	2.00		109	83.4-122	2.58	12.6	
Toluene	2.20	0.050	mg/kg	2.00		110	84.2-126	3.28	13.3	
Ethylbenzene	2.21	0.050	mg/kg	2.00		110	84.2-121	4.07	13.9	
m,p-Xylene	4.48	0.100	mg/kg	4.00		112	89.9-126	2.99	13.6	
o-Xylene	2.09	0.050	mg/kg	2.00		104	84.3-123	1.50	14.1	
Total Xylenes	6.57	0.150	mg/kg	6.00		109	89.1-124	1.54	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0508		mg/kg	0.0500		102	69.9-140			

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Celey D. Keine



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)
Project Manager: ETHAN SESSUMS

Reported: 21-Dec-22 12:32

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2120633 - General Prep - Organics										
Blank (2120633-BLK1)				Prepared: ()6-Dec-22 <i>A</i>	Analyzed: (7-Dec-22			
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	48.1		mg/kg	50.0		96.2	45.3-161			
Surrogate: 1-Chlorooctadecane	47.9		mg/kg	50.0		95.8	46.3-178			
LCS (2120633-BS1)				Prepared &	z Analyzed:	06-Dec-22	2			
GRO C6-C10	203	10.0	mg/kg	200		101	76.8-124			
DRO >C10-C28	205	10.0	mg/kg	200		103	74.9-127			
Total TPH C6-C28	408	10.0	mg/kg	400		102	77.5-124			
Surrogate: 1-Chlorooctane	51.4		mg/kg	50.0		103	45.3-161			
Surrogate: 1-Chlorooctadecane	48.4		mg/kg	50.0		96.9	46.3-178			
LCS Dup (2120633-BSD1)				Prepared &	z Analyzed:	06-Dec-22	2			
GRO C6-C10	216	10.0	mg/kg	200		108	76.8-124	6.32	17.2	
DRO >C10-C28	229	10.0	mg/kg	200		114	74.9-127	10.9	18.6	
Total TPH C6-C28	444	10.0	mg/kg	400		111	77.5-124	8.66	17.6	
Surrogate: 1-Chlorooctane	53.2		mg/kg	50.0		106	45.3-161			
Surrogate: 1-Chlorooctadecane	55.6		mg/kg	50.0		111	46.3-178			
Batch 2120635 - General Prep - Organics										
Blank (2120635-BLK1)				Prepared: ()6-Dec-22 <i>A</i>	Analyzed: ()7-Dec-22	_		
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	47.2		mg/kg	50.0		94.4	45.3-161			
Surrogate: 1-Chlorooctadecane	53.9		mg/kg	50.0		108	46.3-178			

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: RAGIN CAJUN 13 - 1
Project Number: 226363 (9.13.22)
Project Manager: ETHAN SESSUMS

Reported: 21-Dec-22 12:32

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2120635 - General Prep - Organics										
LCS (2120635-BS1)				Prepared &	Analyzed:	06-Dec-22	!			
GRO C6-C10	198	10.0	mg/kg	200		99.0	76.8-124			
DRO >C10-C28	192	10.0	mg/kg	200		95.9	74.9-127			
Total TPH C6-C28	390	10.0	mg/kg	400		97.4	77.5-124			
Surrogate: 1-Chlorooctane	49.9		mg/kg	50.0		99.9	45.3-161			
Surrogate: 1-Chlorooctadecane	60.0		mg/kg	50.0		120	46.3-178			
LCS Dup (2120635-BSD1)				Prepared: ()6-Dec-22 A	analyzed: 0	7-Dec-22			
GRO C6-C10	217	10.0	mg/kg	200		109	76.8-124	9.32	17.2	
DRO >C10-C28	214	10.0	mg/kg	200		107	74.9-127	10.8	18.6	
Total TPH C6-C28	431	10.0	mg/kg	400		108	77.5-124	10.0	17.6	
Surrogate: 1-Chlorooctane	52.1		mg/kg	50.0		104	45.3-161			
Surrogate: 1-Chlorooctadecane	60.4		mg/kg	50.0		121	46.3-178			
Batch 2120636 - General Prep - Organics										
Blank (2120636-BLK1)				Prepared: ()6-Dec-22 A	analyzed: 0	7-Dec-22			
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	38.3		mg/kg	50.0		76.7	45.3-161			
Surrogate: 1-Chlorooctadecane	41.8		mg/kg	50.0		83.6	46.3-178			
LCS (2120636-BS1)				Prepared: (06-Dec-22 A	analyzed: 0	7-Dec-22			
GRO C6-C10	187	10.0	mg/kg	200		93.4	76.8-124			
DRO >C10-C28	196	10.0	mg/kg	200		98.2	74.9-127			
	202	10.0	mg/kg	400		95.8	77.5-124			
Total TPH C6-C28	383	10.0	mg/kg	700		,,,,				
Total TPH C6-C28 Surrogate: 1-Chlorooctane	383	10.0	mg/kg	50.0		89.1	45.3-161			

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Celey D. Keine



%REC

Limits

RPD

Analytical Results For:

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

Analyte

Project: RAGIN CAJUN 13 - 1 Project Number: 226363 (9.13.22) Project Manager: ETHAN SESSUMS

Spike

Level

Source

Result

%REC

Reported: 21-Dec-22 12:32

RPD

Limit

Notes

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

Batch 2120636 - General Prep - Org	anics							
LCS Dup (2120636-BSD1)				Prepared: 06-De	c-22 Analyzed: (07-Dec-22		
GRO C6-C10	199	10.0	mg/kg	200	99.5	76.8-124	6.35	17.2
DRO >C10-C28	208	10.0	mg/kg	200	104	74.9-127	5.52	18.6
Total TPH C6-C28	406	10.0	mg/kg	400	102	77.5-124	5.93	17.6
Surrogate: 1-Chlorooctane	47.5		mg/kg	50.0	95.0	45.3-161		
Surrogate: 1-Chlorooctadecane	50.6		mg/kg	50.0	101	46.3-178		

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 38 of 41



Ch	" Inde	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.	Additio) Sw-200	8W-19	SW-48	CS-76 (4.5')	CS-75 (4.5')	CS-74 (4.5')	CS-73 (4.5')	CS-72 (4.5')	CS-71 (4.5')	CS-67 (4.5')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:		Project Manager:	
	7	(Signature)	document and relinguishe only for the coarge of \$85.00 will be	Additional Comments:	32 2	30	03 01	4.5')	4.5')	4.5')	4.5')	1.5')	1.5')	1.5')	ification		Yes	Yes	(Yes		2	Jorc	Edd	2	Ragin Caju	254-266-5456	Carlsbad, NM 88220	402 E Wood Ave	NTG Environmental	Ethan Sessums	ENVIRONMENTAL
	Slad	\	uishment of sampl st of samples and applied to each p	ev v	12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022	Date	27	(NO) N/A	N/A	No	Temp Blank:	21073110	Jordan Tyner	Eddy Co. NM	226363	Ragin Cajun 13-1 (9.13.22		8220	Ф	ntal		
	seculions	Received	les constitutes shall not assu roject and a cl	eques											Time	Corrected To	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes (No			D		22)						
	2	Received by: (Signature)	s a valid purcha ume any respor harge of \$5 for	ted 5	×	×	×	×	×	×	×	×	×	×	Soil	Corrected Temperature:	e Reading:	actor:	er ID:	Wet Ice:	lab, if rece	TAT starts the day received by the	Due Date:	Routine	Turr	Email:					
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			and condity ond the conegotiated.	D																						Deliverables: EDD	Reporting:Level II Level III Level III Level III Reporting:Level III Level III Level III Level III Reporting:Level III Level I	State of Project:	Program: UST/PST ☐PRP		
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		Da													ple Con	טוני אנ	orbic Ac	+NaOH	VABIO	IABIC				D	ervative	Other.					571
5043000 Dog		Date/Time													Sample Comments	d. ohi	Id. SAPC	7 _n			NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	Preservative Codes		Level IV		uperfund		of 3
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ENVIRO	NMENIAL																	Page	2
	Ethan Sessims				Bill to: (if different)	ent)	W	Wesley Mathews	athews							Work O	rder C	Work Order Comments	
Company Name: NTG E	NTG Environmental				Company Name:	me:	De	Devon Energy	ergy				Prog	ram: US	Program: UST/PST ☐PRP		Brown	Brownfields ☐RRC	Cuperfund
	402 E Wood Ave				Address:		64	88 Seve	6488 Seven Rivers Hwy	s Hwy			State	State of Project:	ject:]		
te ZIP:	Carlsbad, NM 88220	20			City, State ZIP:	.P	Ar	tesia, N	Artesia, NM 88210				Repo	rting:Le	vel II	Reporting:Level II Level III LPSI/USI	LS.		Level IV
	254-266-5456			Email:	WesleyMathews@dvn.com	hews@d	dvn.com						Deliv	Deliverables: EDD	EDD		ADaP1 L	Other:	97.
Name:	Ragin Cajun 13-1	13-1 (9.13.22)	22)	Turn	Turn Around						ANA	LYSIS F	NALYSIS REQUEST		-			Preservative Codes	ative
ä	226	226363		Routine	✓ Rush	0.7	Pres. Code	\vdash			-		\vdash		_	+		None: NO	DI Water: H ₂ O
Project Location	Eddy (Eddy Co. NM		Due Date:	48hr)	_									Cool: Cool	MeOH: Me
Sampler's Name:	Jordar	Jordan Tyner		TAT starts the day received by the	lay received by	/ the		MRO										HCL: HC	NaOH: Na
PO #:	2107	21073110		lab, if receiv	lab, if received by 4:30pm		ers	0 + 1								_		H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:		Yes (No	Wet Ice:	(Yes No		mete	21B - DR	4500								D	H ₃ PO ₄ : HP	ole o
Received Intact:	(Yak	No	Thermometer ID:		113			K 80:									HOL	Na-S-O-: NaSO-	ő
Cooler Custody Seals:	Yes (No	N/A	Correction Factor:	Factor:	-0. le	C		_	_								H	Na ₂ S ₂ U ₃ . NaSU ₃	2011 7
Sample Custody Seals:		N/A	emperatu	Temperature Reading:	1000			_	_				_					NaOH+Assorbic Asid:	hic Acid
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SW-32		12/5/2022		×	C	Comp	_		-		-		-				T		
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SW-34 L	2	12/5/2022		×	C	Comp		×	×		-					<u> </u>	T		
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Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses of the cost of the co	ent and relinquist only for the cost of \$85.00 will be ap	nment of sampl of samples and plied to each p	es constitut shall not ass	es a valid purchas sume any respons charge of \$5 for e	se order from cl sibility for any le ach sample sub	n client company to Xenco, its affiliates and subcontractors ny losses or expenses incurred by the client if such losses submitted to Xenco, but not analyzed. These terms will be	any to Xen xpenses ir Xenco, bu	ico, its af icurred b t not ana	filiates and y the clien lyzed. The	d subcontr it if such lo	actors. It a	ssigns star ue to circur ced unless	s. It assigns standard terms and conditions are due to circumstances beyond the control enforced unless previously negotiated.	and con yond the negotiate	ditions control ed.				
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SW-40		12/5/2022		×	C		_	+	+				+	+	1	+	+	+	+				
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Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/3/2023 11:15:46 AM

JOB DESCRIPTION

Ragin Cajun 13-1 SDG NUMBER 226363

JOB NUMBER

890-3917-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

Authorization

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

Client: NT Global Laboratory Job ID: 890-3917-1
Project/Site: Ragin Cajun 13-1 SDG: 226363

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Definitions/Glossary

Client: NT Global Job ID: 890-3917-1 Project/Site: Ragin Cajun 13-1

SDG: 226363

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier **Qualifier Description** S1+ Surrogate recovery exceeds control limits, high biased. Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description** F1 MS and/or MSD recovery exceeds control limits. U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report. ¤ Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid CFU Colony Forming Unit Contains No Free Liquid **CNF**

Duplicate Error Ratio (normalized absolute difference) DER

Dil Fac **Dilution Factor**

Detection Limit (DoD/DOE)

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

DLC Decision Level Concentration (Radiochemistry)

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

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

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

NC Not Calculated

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

NEG Negative / Absent POS Positive / Present **Practical Quantitation Limit PQL**

PRES Presumptive **Quality Control** QC

Relative Error Ratio (Radiochemistry) **RER**

Reporting Limit or Requested Limit (Radiochemistry) RL

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

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

TNTC Too Numerous To Count

Case Narrative

Client: NT Global Job ID: 890-3917-1
Project/Site: Ragin Cajun 13-1 SDG: 226363

Job ID: 890-3917-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-3917-1

Receipt

The sample was received on 1/20/2023 4:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 15.4°C

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: CS-62 (4.5) (890-3917-1).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-45260 and analytical batch 880-45231 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

GC Semi VOA

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-44707 and analytical batch 880-44800 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

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Client: NT Global Job ID: 890-3917-1 Project/Site: Ragin Cajun 13-1 SDG: 226363

Client Sample ID: CS-62 (4.5)

Date Collected: 01/20/23 15:00 Date Received: 01/20/23 16:25 Lab Sample ID: 890-3917-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/02/23 12:47	02/03/23 04:09	1
Toluene	< 0.00199	U	0.00199		mg/Kg		02/02/23 12:47	02/03/23 04:09	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		02/02/23 12:47	02/03/23 04:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/23 12:47	02/03/23 04:09	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		02/02/23 12:47	02/03/23 04:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/23 12:47	02/03/23 04:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				02/02/23 12:47	02/03/23 04:09	1
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130				02/02/23 12:47	02/03/23 04:09	1
- Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/23 09:11	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)						
Method: SW846 8015 NM - Diese			•	MDI	Unit	n	Propagad	Analyzod	Dil Eac
Method: SW846 8015 NM - Diese Analyte Total TPH		Qualifier	GC) RL 50.0	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 02/02/23 16:03	Dil Fac
Analyte Total TPH	Result <50.0	Qualifier U	RL 50.0	MDL		<u>D</u>	Prepared		
Analyte Total TPH Method: SW846 8015B NM - Dies	Result <50.0	Qualifier U	RL 50.0		mg/Kg			02/02/23 16:03	1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte	Result <50.0 sel Range Orga Result	Qualifier Unics (DRO) Qualifier	70.0 (GC)		mg/Kg	<u>D</u>	Prepared	02/02/23 16:03 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result <50.0	Qualifier Unics (DRO) Qualifier	RL 50.0		mg/Kg			02/02/23 16:03	
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	Result <50.0 sel Range Orga Result <50.0	Qualifier U nics (DRO) Qualifier U	70.0 (GC)		mg/Kg Unit mg/Kg		Prepared 02/02/23 09:29	02/02/23 16:03 Analyzed 02/02/23 14:33	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result <50.0 sel Range Orga Result	Qualifier U nics (DRO) Qualifier U	RL 50.0		mg/Kg		Prepared	02/02/23 16:03 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0 sel Range Orga Result <50.0	Qualifier U nics (DRO) Qualifier U	RL 50.0		mg/Kg Unit mg/Kg		Prepared 02/02/23 09:29	02/02/23 16:03 Analyzed 02/02/23 14:33	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result	Qualifier U nics (DRO) Qualifier U U	RL 50.0 (GC) RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 02/02/23 09:29 02/02/23 09:29	02/02/23 16:03 Analyzed 02/02/23 14:33 02/02/23 14:33	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result	Qualifier U nics (DRO) Qualifier U U	RL 50.0 (GC) RL 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 02/02/23 09:29 02/02/23 09:29 02/02/23 09:29	02/02/23 16:03 Analyzed 02/02/23 14:33 02/02/23 14:33	Dil Face 1 1 1 Dil Face
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U nics (DRO) Qualifier U U	RL 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 02/02/23 09:29 02/02/23 09:29 02/02/23 09:29 Prepared	02/02/23 16:03 Analyzed 02/02/23 14:33 02/02/23 14:33 02/02/23 14:33 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <50.0	Qualifier U nics (DRO) Qualifier U U Qualifier	RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 02/02/23 09:29 02/02/23 09:29 02/02/23 09:29 Prepared 02/02/23 09:29	02/02/23 16:03 Analyzed 02/02/23 14:33 02/02/23 14:33 Analyzed 02/02/23 14:33	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result <50.0	Qualifier U nics (DRO) Qualifier U U Qualifier	RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 02/02/23 09:29 02/02/23 09:29 02/02/23 09:29 Prepared 02/02/23 09:29	02/02/23 16:03 Analyzed 02/02/23 14:33 02/02/23 14:33 Analyzed 02/02/23 14:33	Dil Fac

Surrogate Summary

Client: NT Global Job ID: 890-3917-1
Project/Site: Ragin Cajun 13-1 SDG: 226363

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Re
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-23958-A-1-E MS	Matrix Spike	98	96	
880-23958-A-1-F MSD	Matrix Spike Duplicate	96	106	
890-3917-1	CS-62 (4.5)	83	67 S1-	
LCS 880-45260/1-A	Lab Control Sample	106	101	
LCSD 880-45260/2-A	Lab Control Sample Dup	96	110	
MB 880-45241/5-A	Method Blank	75	92	
MB 880-45260/5-A	Method Blank	69 S1-	91	

BFB = 4-Bromofluorobenzene (Surr) DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-24224-A-1-E MS	Matrix Spike	98	104	
880-24224-A-1-F MSD	Matrix Spike Duplicate	94	100	
890-3917-1	CS-62 (4.5)	74	80	
LCS 880-45238/2-A	Lab Control Sample	75	79	
LCSD 880-45238/3-A	Lab Control Sample Dup	73	79	
MB 880-45238/1-A	Method Blank	110	135 S1+	
Surrogate Legend				

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: NT Global Project/Site: Ragin Cajun 13-1

Job ID: 890-3917-1 SDG: 226363

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-45241/5-A

Matrix: Solid Analysis Batch: 45231

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45241

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/23 09:35	02/02/23 11:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/23 09:35	02/02/23 11:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/23 09:35	02/02/23 11:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/02/23 09:35	02/02/23 11:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/23 09:35	02/02/23 11:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/02/23 09:35	02/02/23 11:46	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75	70 - 130	02/02/23 09:35	02/02/23 11:46	1
1,4-Difluorobenzene (Surr)	92	70 - 130	02/02/23 09:35	02/02/23 11:46	1

Lab Sample ID: MB 880-45260/5-A Client Sample ID: Method Blank

Matrix: Solid							Prep Type:	Total/NA
Analysis Batch: 45231							Prep Bato	:h: 45260
	MB	МВ						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/23 12:47	02/02/23 22:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/23 12:47	02/02/23 22:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/23 12:47	02/02/23 22:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/02/23 12:47	02/02/23 22:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/23 12:47	02/02/23 22:21	1
Xylenes, Total	< 0.00400	U	0.00400		mg/Kg		02/02/23 12:47	02/02/23 22:21	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	d Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130	02/02/23 12	02/02/23 22:21	1
1,4-Difluorobenzene (Surr)	91		70 - 130	02/02/23 12	2:47 02/02/23 22:21	1

Lab Sample ID: LCS 880-45260/1-A

Matrix: Solid Analysis Batch: 45231 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 45260

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1073		mg/Kg		107	70 - 130	_
Toluene	0.100	0.09934		mg/Kg		99	70 - 130	
Ethylbenzene	0.100	0.1045		mg/Kg		105	70 - 130	
m-Xylene & p-Xylene	0.200	0.2173		mg/Kg		109	70 - 130	
o-Xylene	0.100	0.1087		mg/Kg		109	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	106	70 - 130
1.4-Difluorobenzene (Surr)	101	70 - 130

Lab Sample ID: LCSD 880-45260/2-A

Matrix: Solid

Analysis Batch: 45231

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 45260

	Spike	LCSD LCSD				70 KeC		KPD
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1234	mg/Kg		123	70 - 130	14	35

LCCD LCCD

Cnika

Client: NT Global

Job ID: 890-3917-1 Project/Site: Ragin Cajun 13-1 SDG: 226363

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

Lab Sample ID: LCSD 880-45260/2-A

Analysis Batch: 45231

Matrix: Solid

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 45260

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Toluene	0.100	0.1051		mg/Kg		105	70 - 130	6	35
Ethylbenzene	0.100	0.1023		mg/Kg		102	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2062		mg/Kg		103	70 - 130	5	35
o-Xylene	0.100	0.1025		mg/Kg		103	70 - 130	6	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-23958-A-1-E MS Client Sample ID: Matrix Spike

Analysis Batch: 45231

Matrix: Solid Prep Type: Total/NA

Prep Batch: 45260

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U F1	0.0996	0.06296	F1	mg/Kg		63	70 - 130	
Toluene	<0.00201	U F1	0.0996	0.06104	F1	mg/Kg		61	70 - 130	
Ethylbenzene	<0.00201	U F1	0.0996	0.07124		mg/Kg		72	70 - 130	
m-Xylene & p-Xylene	<0.00402	U F1	0.199	0.1314	F1	mg/Kg		66	70 - 130	
o-Xylene	<0.00201	U F1	0.0996	0.06715	F1	mg/Kg		67	70 - 130	

Spike

0.200

0.100

MSD MSD

0.1272 F1

0.06595 F1

MS MS

Sample Sample

<0.00201 U F1

<0.00201 UF1

<0.00201 UF1

<0.00402 UF1

<0.00201 UF1

Result Qualifier

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	98	70 - 130
1,4-Difluorobenzene (Surr)	96	70 - 130

Lab Sample ID: 880-23958-A-1-F MSD

Matrix: Solid

Analyte

Benzene

Toluene

o-Xylene

Ethylbenzene

m-Xylene & p-Xylene

Analysis Batch: 45231

Client Sample ID: Matrix Spike Duplicate

%Rec

70 - 130

70 - 130

63

66

Prep Type: Total/NA Prep Batch: 45260

3

RPD

35

35

Added Result Qualifier Unit %Rec Limits RPD Limit 0.100 0.07982 mg/Kg 80 70 - 130 24 35 0.100 0.06423 F1 mg/Kg 64 70 - 130 5 35 0.100 0.06510 F1 mg/Kg 65 70 - 130 35

mg/Kg

mg/Kg

MSD MSD %Recovery Qualifier Limits Surrogate

4-Bromofluorobenzene (Surr) 96 70 - 130 106 1,4-Difluorobenzene (Surr) 70 - 130

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

Lab Sample ID: MB 880-45238/1-A

Matrix: Solid

Analysis Batch: 45228

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

Prep Batch: 45238

MB MB Result Qualifier RL MDL Unit Prepared Analyzed <49.9 U 49.9 02/02/23 09:29 02/02/23 08:59 Gasoline Range Organics mg/Kg

(GRO)-C6-C10

Client: NT Global Job ID: 890-3917-1 Project/Site: Ragin Cajun 13-1

SDG: 226363

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

Lab Sample ID: MB 880-45238/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA Prep Batch: 45238 Analysis Batch: 45228 MR MR

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 08:59	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 08:59	1
	МВ	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				02/02/23 09:29	02/02/23 08:59	1
o-Terphenyl	135	S1+	70 - 130				02/02/23 09:29	02/02/23 08:59	1

Lab Sample ID: LCS 880-45238/2-A Client Sample ID: Lab Control Sample **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 45228 Prep Batch: 45238 LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 999 879.4 88 70 - 130 mg/Kg (GRO)-C6-C10 999 947.2 Diesel Range Organics (Over mg/Kg 95 70 - 130 C10-C28) LCS LCS %Recovery Qualifier Limits Surrogate 1-Chlorooctane 70 - 130 75 o-Terphenyl 79 70 - 130

Lab Sample ID: LCSD 880-45238/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 45228 Prep Batch: 45238

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	999	761.5		mg/Kg		76	70 - 130	14	20
(GRO)-C6-C10									
Diesel Range Organics (Over	999	932.5		mg/Kg		93	70 - 130	2	20
C10-C28)									

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	73		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: 880-24224-A-1-E MS Client Sample ID: Matrix Spike **Matrix: Solid**

Prep Type: Total/NA Analysis Batch: 45228 Prep Batch: 45238

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1239		mg/Kg		122	70 - 130	
Diesel Range Organics (Over C10-C28)	80.3		1000	945.9		mg/Kg		87	70 - 130	

C10-C28)			
	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenvl	104		70 - 130

Client: NT Global Job ID: 890-3917-1 Project/Site: Ragin Cajun 13-1

SDG: 226363

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

Lab Sample ID: 880-24224-A-1-F MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 45228 Prep Batch: 45238 Sample Sample MSD MSD RPD Spike Result Qualifier Analyte Added Result Qualifier %Rec Limits RPD Limit Unit D Gasoline Range Organics <50.0 U 998 1179 mg/Kg 116 70 - 130 5 20 (GRO)-C6-C10 998 896.5 82 Diesel Range Organics (Over 80.3 mg/Kg 70 - 1305 20

C10-C28)

MSD MSD Qualifier Limits Surrogate %Recovery 1-Chlorooctane 70 - 130 94 o-Terphenyl 100 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-44707/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 44800

MB MB

Result Qualifier MDL Analyte RL Unit D Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 01/26/23 09:07 mg/Kg

Lab Sample ID: LCS 880-44707/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 44800

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits Chloride 250 271.9 109 90 - 110 mg/Kg

Lab Sample ID: LCSD 880-44707/3-A

Matrix: Solid

Analysis Batch: 44800

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier Unit %Rec RPD Limits Limit Chloride 250 271.0 108 90 - 110 mg/Kg 0

Lab Sample ID: 890-3911-A-1-B MS

Matrix: Solid

Analysis Batch: 44800

Sample Sample Spike MS MS %Rec Qualifier Added Qualifier Analyte Result Result Unit %Rec Limits Chloride U F1 248 293.3 F1 117 90 - 110 <4.96 mg/Kg

Lab Sample ID: 890-3911-A-1-C MSD

Matrix: Solid

Analysis Ratch: 44800

Alialysis Dalcii. 44000											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	<4.96	U F1	248	293.7	F1	mg/Kg		117	90 - 110	0	20

Eurofins Carlsbad

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Client Sample ID: Matrix Spike

Prep Type: Soluble

Client Sample ID: Matrix Spike Duplicate **Prep Type: Soluble**

QC Association Summary

Client: NT Global Job ID: 890-3917-1
Project/Site: Ragin Cajun 13-1 SDG: 226363

GC VOA

Analysis Batch: 45231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3917-1	CS-62 (4.5)	Total/NA	Solid	8021B	45260
MB 880-45241/5-A	Method Blank	Total/NA	Solid	8021B	45241
MB 880-45260/5-A	Method Blank	Total/NA	Solid	8021B	45260
LCS 880-45260/1-A	Lab Control Sample	Total/NA	Solid	8021B	45260
LCSD 880-45260/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45260
880-23958-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	45260
880-23958-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	45260

Prep Batch: 45241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-45241/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 45260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3917-1	CS-62 (4.5)	Total/NA	Solid	5035	
MB 880-45260/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45260/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45260/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-23958-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-23958-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 45331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3917-1	CS-62 (4.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 45228

Lab Sample ID 890-3917-1	Client Sample ID CS-62 (4.5)	Prep Type Total/NA	Matrix Solid	Method 8015B NM	Prep Batch 45238
MB 880-45238/1-A	Method Blank	Total/NA	Solid	8015B NM	45238
LCS 880-45238/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	45238
LCSD 880-45238/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	45238
880-24224-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	45238
880-24224-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	45238

Prep Batch: 45238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3917-1	CS-62 (4.5)	Total/NA	Solid	8015NM Prep	
MB 880-45238/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-45238/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-45238/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24224-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-24224-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 45285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3917-1	CS-62 (4.5)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: NT Global Job ID: 890-3917-1
Project/Site: Ragin Cajun 13-1 SDG: 226363

HPLC/IC

Leach Batch: 44707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3917-1	CS-62 (4.5)	Soluble	Solid	DI Leach	
MB 880-44707/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-44707/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-44707/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3911-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-3911-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 44800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3917-1	CS-62 (4.5)	Soluble	Solid	300.0	44707
MB 880-44707/1-A	Method Blank	Soluble	Solid	300.0	44707
LCS 880-44707/2-A	Lab Control Sample	Soluble	Solid	300.0	44707
LCSD 880-44707/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	44707
890-3911-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	44707
890-3911-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	44707

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Lab Chronicle

Job ID: 890-3917-1 Client: NT Global Project/Site: Ragin Cajun 13-1 SDG: 226363

Client Sample ID: CS-62 (4.5) Lab Sample ID: 890-3917-1

Matrix: Solid

Date Collected: 01/20/23 15:00 Date Received: 01/20/23 16:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45260	02/02/23 12:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45231	02/03/23 04:09	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45331	02/03/23 09:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			45285	02/02/23 16:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 14:33	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	44707	01/25/23 09:29	KS	EET MID
Soluble	Analysis	300.0		1			44800	01/26/23 11:47	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global Job ID: 890-3917-1 Project/Site: Ragin Cajun 13-1

SDG: 226363

Laboratory: Eurofins Midland

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

Authority Texas		rogram	Identification Number	Expiration Date 06-30-23	
		ELAP	T104704400-22-25		
The following analytes the agency does not of	. ,	ut the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes fo	
Analysis Method	Prep Method	Matrix	Analyte		
8015 NM		Solid	Total TPH		

Method Summary

Client: NT Global Job ID: 890-3917-1 Project/Site: Ragin Cajun 13-1

SDG: 226363

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global

Project/Site: Ragin Cajun 13-1

Job ID: 890-3917-1

SDG: 226363

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-3917-1	CS-62 (4.5)	Solid	01/20/23 15:00	01/20/23 16:25

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ature) Date/Time	Received by: (Signature)	Relinquished by: (Signature)	е	Date/Time)	Received by: (Signature)	Receive		Relinquished by: (Signature)	Relinquished
	ated.	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.	yzed. These t	out not ana	to Xenco, b	h sample submitted	a charge of \$5 for each	project and a	Il be applied to each p	charge of \$85.00 wil	of Xenco. A minimum
	conditions	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the contro	fillates and su y the client if s	enco, its at	mpany to X	order from client cou	ssume any responsibl	shall not as	linquishment of samp	is document and rel	Notice: Signature of the of service. Xenco will
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			×	×	1	Comp	×		1/20/2023	CS-62 (4.5)	CS-6
Sample Comments			IPH	70.	# of Cont	Water Comp	Soil	Time	Date	Sample Identification	Sample Id
NaOH+Ascorbic Acid: SAPC			1 80			15.4	Corrected Temperature:	Corrected	_ (Total Containers:
Zn Acetate+NaOH: Zn		890-3917 Chain of Custody	_			12.6	Temperature Reading:	Tempera	S NO (N/A)	eals: Yes	Sample Custody Seals:
	н		_		Р	-2.0	n Factor:	Correction Factor:	S NO MA	als: Yes	Cooler Custody Seals:
	OLD		ide 4	(802	araı	100-WV	neter ID:	Thermometer ID:	(Yés) No		Received Intact:
H₃PO₄: HP			DR0		nete	Yes No	Wet Ice:	Yes (No	Temp Blank:		SAMPLE RECEIPT
H ₂ S0 ₄ : H ₂ NaOH: Na	-	-) + N		rs	d by 4:30pm	lab, if receive		21073110		PO #:
HCL: HC HNO3: HN			MKO	400		y received by the	TAT starts the day received by the		Jordan Tyner		Sampler's Name:
Cool: Cool MeOH: Me			,				Due Date:		Lea Co, NM		Project Location
None: NO DI Water: H ₂ O					Code	Rush	Routine		226363		Project Number:
Preservative Codes	-	ANALYSIS REQUEST				round	Turn Around		Ragin Cajun 13-1	Ra	Project Name:
ADaPI L. Other:	Deliverables: EDD L ADa	Deliverab		om	s@dvn.c	Wesley.Mathews@dvn.com	Email: M		6	254-266-5456	Phone:
_		Reporting				City, State ZIP:	0		M 88220	Carlsbad, NM 88220	City, State ZIP:
]	State of Project:				Address:	A		Ave	402 € Wood Ave	Address:
ownfields RRC uperfund	Program: UST/PST ☐PRP ☐Brownfields ☐RRC	Program				Company Name:	O		mental	NTG Environmental	Company Name:
Work Order Comments	Work Orde					Bill to: (if different)	В		ıms	Ethan Sessums	Project Manager:
Page1 of1											(
									TAL	ENVIRONMENTAL	

Eurofins Carlsbad 1089 N Canal St.

13

Chain of Custody Record



Carlsbad, NM 88220 Phone 575-988-3199 Fax: 575-988-3199 Client Information (Sub Contract Lab) Client Contact: Shipping/Receiving	Sampler Phone		Lab PM Kramer, Jessica E-Mail Jessica Kramer	Lab PM Krame E-Mail Jessici	Lab PM Kramer, Jessica E-Mail Jessica Kramer@et eurofins	ssica	Det e	io in	sus com	3		Stat Carr	Carrier Tracking Carrier Tracking New Mexico	racking No(s) Origin	No(s)				COC No. 890-1108 1	Environment Testing	°° 2/3/202
Eurofins Environment Testing South Centr	Due Date Request	8			NELAP - Texas	JELAP - Texas	Xas	ed (Se	e note):	"			Ì						Job #: 890-3917-1		1
1211 W Florida Ave ,	1/26/2023	8							Ana	nalysis		Requested	stec						ation Cod	e s. M Hexane	
Midland State, Zip: TX 79701	TAT Requested (days)	Rys)					IPH GRO-											i Denis dikabasan dalah	NaOH Zn Acetate Nitric Acid	N None O AsNaO2 P Na2O4S O Na2SO3	
Phone 432-704-5440(Tel)	PO#:				Edward waterware)) Full											and interes	F MeOH G Amchlor		
Email.	WO #:						p (MOI											Š Žaristinis	H Ascorbic Acid		
Project Name: Ragin Cajun 13-1	Project # 88000222							ΞX										ainer		W pH 4-5 Y Trizma	
Site	SSOW#:							IIC BT										con		c other (specify)	
		Sample	Sample Type (C=comp.	Matrix (W=water S=solid, O=waste/oil, RT=Tissue	ld Filtered S form MS/MS	_ORGFM_28D	5MOD_NM/80 ⁻ D-MRO	IB/5035FP_Ca	5MOD_Calc II_BTEX_GCV									al Number o			I
Sample Identification - Client ID (Lab ID)	Sample Date	Time	1	1	-	:d	DR	1	4-				Г					То	Special Inst	Special Instructions/Note:	 21
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Note: Since laboratory accreditations are subject to change Eurofins Environment Testing South Central LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/flests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing South Central LLC altention immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.	nt Testing South Cent cove for analysis/tests	ral LLC places //matrix being ar nmediately If a	the ownership nalyzed the sai	of method ana mples must be creditations are	lyte & a shipped curren	ccredit back t to dat	ation c to the E	omplia urofin	nce up s Envi	e upon our subcontract laboratories Environment Testing South Central, gned Chain of Custody attesting to sa	subco	ing So	labor outh C	atories entral	Thi LLC	s sam abora	ple sh tory o	ipme r othe Euro	This sample shipment is forwarded under chain-of-custody. If the LC laboratory or other instructions will be provided. Any changes of deompliance to Eurofins Environment Testing South Central. LLC	ce upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to gned Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central. LLC	2.50.2
Possible Hazard Identification Unconfirmed					Sar	Sample Disposal (A fee	le Disposal (Af	sal (A fe	ma	may be assessed if samples	assessed if san	ssea	ifs) mg	es a		tain	are retained longer than 1 r	month)	/a.c.c.c
Deliverable Requested I II III IV Other (specify)	Primary Deliverable Rank	able Rank 2			Spe	Special Instructions/0	nstruc	tions	QC	2C Requirem	布1	ents		ľ	ı						2 /2
Empty Kit Relinquished by		Date			Time	\exists		7	_			T	Metr	Method of Shipment:	Shipn	ent:	-	ı			
Reinquish follow	Date/Time [.]		Ca	Company		Received	(- \$	爿	đ	a	1		Ī		Date	Date/Time:				Company	
Relinquished by	Date/Time		Q	Company		Received by	ed by		1						Date	Date∕Time	İ			Company	, -
Relinquished by	Date/Time		Q	Company		Received by:	ed by:								Date.	Date/Time				Company	
Custody Seals Intact: Custody Seal No A Yes A No	Martiness communication in the party Annual recognition for the party of the party					Cooler	Cooler Temperature(s) °C	erature	(s) °C	and Other Remarks	her R	əmark	°				l	İ			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3917-1 SDG Number: 226363

Login Number: 3917 List Source: Eurofins Carlsbad

List Number: 1

Creator: Stutzman, Amanda

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

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Login Sample Receipt Checklist

Client: NT Global Job Number: 890-3917-1

SDG Number: 226363

Login Number: 3917
List Source: Eurofins Midland
List Number: 2
List Creation: 01/24/23 12:14 PM

Creator: Teel, Brianna

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

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<6mm (1/4").

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 189957

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	189957
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	3/2/2023