Spil	s) Calculator							
Inputs in blue, Outputs in red								
Con	ntaminated Soil	measurement						
Area (squa	re feet)	Depth(inches)						
392	3	0.250						
Cubic Feet of S	oil Impacted	81.729						
Barrels of Soi	l Impacted	<u>14.57</u>						
Soil T	ype	Sand						
Barrels of Oil		2.91						
Saturation	Fluid presen	t with shovel/backhoe						
Estimated Ba Relea		2.91						
	Free Standing	Fluid Only						
Area (squa	re feet)	Depth(inches)						
<u>167</u>	3	0.500						
Standing	g fluid	12.426						
Total fluid	s spilled	<u>15.339</u>						



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

May 8, 2024

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

Re: Closure Report

Ragin Cajun 13 Fed 1H

Unit N, Section 13, Township 26S, Range 34E Site Coordinates: 32.0369835, -103.4278412

Lea County, New Mexico Incident ID: nAPP2220947571

1. Introduction

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 13 Federal #001 (Site). The Site is 13 miles East of Bennet, New Mexico located in Unit Letter N, Section 13 of Township 26 South and Range 34 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.0369835° N latitude and 103.4278412° 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 July 21st, 2022, when a flowline developed a leak underground. Upon discovery, the Site was shut-in and repairs ensued. The spill resulted in a release of approximately 15.3 barrels (bbls) of crude oil of which 4 bbls were recovered for an approximate net loss of 11.3 bbls of crude oil and produced water. The release area is shown in Figure 3. The Release Notification portion of Form C-141 for incident number nAPP2220947571 is attached to this report.

Creating a Better Environment For Oil & Gas Operations Mr. Mike Bratcher May 8, 2024 Page 2 of 4

3. Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no water wells located within a ½-mile radius of the. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are provided in Attachment A.

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

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low Karst	Unknown

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

Regulatory Standard	Chloride	TPH	TPH	BTEX	Benzene
		(GRO+DRO+MRO	(GRO+MRO)		
19.15.29.13 Restoration, Reclamation and Re- Vegetation (Impacted Area	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
0-4 Feet)					
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (>4 Feet)	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. 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 were sent to Cardinal Laboratories Hobbs, New Mexico. 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 indicated that all samples exhibited TPH or BTEX concentrations under 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.

On October 27th, 2022, NTGE returned to site to further delineate vertically in the areas of S-1 through S-3. A total of three (3) test pits (TP-1, TP-2, TP-3) were then installed in areas near S-1 through S-3 and soil samples 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. However, TP-1 at NTGE Project No.: 237700

Mr. Mike Bratcher May 8, 2024 Page 3 of 4

a depth of seven (7) ft bgs exceeded the regulatory limits for chlorides. Analytical results show that all samples exhibited TPH, BTEX, and Chloride levels below regulatory limits. See Table 1. Soil boring locations are shown on Figure 3.

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.

On November 3rd, 2022, NTGE was on site to collect eighty-five (85) base composite samples (i.e., CS-1 through CS-85) and thirty (30) sidewall composite samples (SW-1 through SW-30) were collected from the excavation sidewalls to ensure impacted soils were successfully removed. Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. Soil samples were analyzed for BTEX, TPH, and chloride Analytical results indicated that thirty-five (35) of the confirmation base samples (CS-10, CS-20 through CS-24, CS-26, CS-28, CS-29, CS-31, CS-32, CS-38 through CS-40, CS-44, CS-46 through CS-49, CS-51, CS-56 through CS-58, CS-61, CS-62, CS-64 through CS-67, and CS-71 through CS-76) and eight (8) of the confirmation sidewalls samples (SW-16, SW-19 through SW-23, SW-27, and SW-30) were above the regulatory limits for chloride and/or TPH and the area would require further excavation.

After further remedial excavation efforts, NTGE returned to Site on December 5th, 2022 to recollect a total of thirty-four (34) base composite samples (CS-10, CS-20 through CS-24, CS-26, CS-28, CS-29, CS-31, CS-32, CS-38 through CS-40, CS-44, CS-46 through CS-49, CS-51, CS-56 through CS-58, CS-61, CS-64 through CS-67, and CS-71 through CS-76) and twenty (20) additional sidewall composite samples (SW-31 through SW-50) to ensure that impacted soils were successfully removed. Soil samples were delivered to Cardinal for the analysis of BTEX, TPH, and chlorides. Analytical results indicated that all samples were below NMOCD regulatory criteria for the site.

On January 20th, 2023, NTGE returned to Site to collect one (1) base composite sample (CS-62) to ensure that impacted soils were successfully removed. The soil sample was delivered to Cardinal for the analysis of BTEX, TPH, and chlorides. Analytical results indicated that the sample was below NMOCD regulatory criteria for the site.

6. Closure Request

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

NTGE Project No.: 237700



Mr. Mike Bratcher May 8, 2024 Page 4 of 4

If you have any questions regarding this letter, please contact us at (432)-701-2159.

Sincerely,

NTG Environmental

Ethan Sessums

Project Manager

Attachments:

Table

Figures

Initial C-141

Site Characterization Documentation

Photographic Log

Laboratory Reports and Chain-of-Custody Documents

NTGE Project No.: 237700



TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
Ragin Cajun 13 Federal #001H
Devon Energy Production Company
Lea County, New Mexico

										TPH			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table	l Closure C	riteria for Soil	<50feet De	pth to Groui	dwater 19.15.2	29 NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
					Horizo	ntal Delinea	tion Samples						
H-1	9/29/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.9	37.9	19.9	57.8	128
H-2	9/29/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	448
H-3	9/29/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	320
H-4	9/29/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.6	25.6	12.5	38.1	160
H-5	9/29/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.1	25.1	<10.0	25.1	64
H-6	9/29/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	96
H-7	9/29/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	176
H-8	9/29/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.4	27.4	10.8	38.2	208
H-9	9/29/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	42	42	16.8	58.8	176
H-10	9/29/2022	0-6"	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	46.3	46.3	18.8	65.1	192
					Verti	cal Delineat	ion Samples						
S-1	9/29/2022	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	144
2-1	9/29/2022	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	928
S-2	9/29/2022	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	640
3-2	9/29/2022	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	3,840
	9/29/2022	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.6	22.6	17.5	40.1	272
S-3	9/29/2022	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	864
	9/29/2022	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	3,960
S-4	9/29/2022	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	64
S-5	9/29/2022	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	96
S-6	9/29/2022	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	160
TP-1	10/27/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	2,120
TP-1	10/27/2022	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	560
TP-2	10/27/2022	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	176
TP-3	10/27/2022	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0	464
TP-3	10/27/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	35.9	<10.0	35.9	<10.0	35.9	320
			•										

Notes:

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

 SP-1
 Sample Point Excavated
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
- 9. --- Not Analyzed

NTGE Project Number: 237700

Page 1 of 1

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Table 2
Summary of Soil Analytical Data - Confirmation Samples
Ragin Cajun 13 Federal #001H
Devon Energy Production Company
Lea County, New Mexico

										TPH			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
•		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table	e I Closure Ci	iteria for Soil	<50feet De	pth to Grour	ndwater 19.15.2	29 NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
					Base	Confirmation	on Samples						
CS-1	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-2	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	41.1	<10.0	<10.0	41.1	432
CS-3	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512
CS-4	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-5	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	30.9	<10.0	<10.0	30.9	80
CS-6	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-7	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
CS-8	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-9	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CC 10	11/3/2022	3'	<0.050	<0.050	<0.050	<0:450	₹0:300	≥10.0	₹10.0	₹10.0	₹10.0	₹10.0	668
CS-10	12/5/2022	4.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-11	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-12	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-13	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-14	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-15	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-16	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-17	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-18	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.2	<10.0	<10.0	27.2	64
CS-19	11/3/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-20	11/3/2022	3.5'	<0.050	<0.050	<0.050	₹0:450	₹0:300	<u>>10.0</u>	44.4	₹10.0	14.2 14.2	58.6	5,360
C3-20	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-21	11/3/2022	3.5'	<0.050	<0.050	<0.050	₹0:450	<0.300	₹10.0	223	₹10.0	51.6	274.6	2,480
C3-21	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-22	11/3/2022	3.5'	<0.050	<0.050	<0.050	₹0:450	<0.300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	3,480
C3-22	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-23	11/3/2022	3.5'	<0.050	<0.050	<0.050	₹0:450	<0.300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	5,080
C3-23	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-24	11/3/2022	3.5	<0.050	<0.050	<0.050	₹0:450	<0.300	₹10.0	18.8	₹10.0	₹10.0	18.8	928
C3-24	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Ragin Cajun 13 Federal #001H
Devon Energy Production Company
Lea County, New Mexico

}										TPH			
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
•		(it ngs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
‡					Table	e I Closure Cr	iteria for Soil	<50feet De	oth to Groun	ndwater 19.15.2	9 NMAC		5
*			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
CS-25	11/3/2022	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	40.8	<10.0	<10.0	40.8	464
CS-26	11/3/2022	7'	<0.050	<0.05 0	<0.050	₹0:450	₹0:300	≥10.0	₹ <u>1</u> 6.0	₹10.0	\	₹10.0	880
C3-26	12/5/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-27	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-28	11/3/2022	3.5'	< 0.05 0	<0.05 0	<0:050	₹0:450	₹0:300	≥10.0	₹10.0	₹10.0	₹10.0	₹10.0	784
C3-26	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-29	11/3/2022	3.5'	<0.050	<0.050	<0.050	₹0:450	<0.300	≥1 0. 0_	₹10.0	₹10.0	≥10.0	₹10.0	1,420
C3-29	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-30	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18	<10.0	<10.0	18	64
CS-31	11/3/2022	7'	<0.050	<0.050	<0.050	<0.150	₹0:300	≥10.0	₹10.0	₹10.0	₹10.0	₹10.0	944
C3-31	12/5/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-32	11/3/2022	3.5'	<0.050	<0.050	< 0.050	<0:450	<0.300	>10.0	₹10.0	₹10.0	₹10.0	₹10.0	752
C3-32	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-33	11/3/2022	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-34	11/3/2022	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-35	11/3/2022	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-36	11/3/2022	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-37	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-38	11/3/2022	3.5'	<0.050	<0.050	<0.050	₹0:450	₹0:300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	1,340
C3-36	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-39	11/3/2022	3.5'	<0.050	<0.050	<0.050	₹0:450	₹0:300	≥1 0. 0	₹10.0	₹10.0	₹10.0	₹10.0	844
CS-39	12/5/2022	4.5'	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-40	11/3/2022	7'	<0.050	<0.050	<0.050	<0.450	<0.300	≥10.0	₹10.0	₹10.0	710.0	₹10.0	10,500
C3-40	12/5/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-41	11/3/2022	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-42	11/3/2022	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-43	11/3/2022	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-44	11/3/2022	1.5'	<0.050	<0.050	<0.050	₹0:450	<0.300_	₹10.0	₹10.0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	₹10.0	1,970
C3-44	12/5/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320

Received by OCD: 6/18/7

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Ragin Cajun 13 Federal #001H
Devon Energy Production Company
Lea County, New Mexico

										TPH			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	втех	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table	e I Closure Cı	iteria for Soil	<50feet Dep	oth to Grou	ndwater 19.15.2	9 NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
CS-45	11/3/2022	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-46	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.450	₹0:300	≥10.0	₹10.0	₹10.0	710.0	₹10.0	9,860
C3-40	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-47	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0:300	₹1 0. 0	₹10.0	₹10.0	₹10.0	₹10.0	3,520
C3-47	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-48	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	₹0:300	₹10.0	₹10.0	₹10.0	₹10. 0	₹10.0	13,700
C3-46	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-49	11/3/2022	7'	<0.050	<0.050	<0.050	<0 .15 0	<0:300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	2,210
CS-49	12/5/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-50	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CC F1	11/3/2022	1.5'	<0.050	<0.050	<0.050	<0.150	₹0:300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	1,230
CS-51	12/5/2022	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-52	11/3/2022	1.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-53	11/3/2022	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-54	11/3/2022	1.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-55	11/3/2022	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CC F.C	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	₹0.30 0	₹10.0	₹10.0	₹10.0	√10.0	₹10.0	1,420
CS-56	12/5/2022	4.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CC 57	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	₹0.30 0	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	6,160
CS-57	12/5/2022	4.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-58	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	₹0:30 0	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	11,600
CS-58	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-59	11/3/2022	6'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
CS-60	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS 61	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	₹0:300	₹10.0	₹10.0	₹10.0	\frac{10.0}{\frac{10.0}{10.0}}	₹10.0	640
CS-61	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CC C2	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	₹0.30 0	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	928
CS-62	1/20/2023	4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	<4.98
CS-63	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
CC C1	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	₹0.30 0	≥10.0	₹10.0	₹10.0	₹10.0	₹10.0	2,120
CS-64	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Ragin Cajun 13 Federal #001H
Devon Energy Production Company
Lea County, New Mexico

										TPH			
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(it bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table	e I Closure Ci	iteria for Soil	<50feet De	oth to Groun	dwater 19.15.2	9 NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
CS-65	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0:450	₹0:300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	1,580
C3-03	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-66	11/3/2022	3.5'	<0.050	<0.050	<0.050	₹0:450	<0:300	≥1 0. 0_	₹10.0	≥10.0	≥10.0	₹10.0	1,500
C3-00	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-67	11/3/2022	3.5'	<0.050	<0.050	<0.050	₹0:450	₹0:300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	2,040
C3-07	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
CS-68	11/3/2022	6'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
CS-69	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
CS-70	11/3/2022	3.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
CC 74	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	₹0.300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	2,260
CS-71	12/5/2022	4.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
66.73	11/3/2022	3.5'	<0.050	<0.050	<0.050	₹0:450	₹0.300	≥10.0	₹10.0	₹10.0	√10.0	₹10.0	1,010
CS-72	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
66.73	11/3/2022	3.5'	<0.050	<0.050	<0.050	₹0:150	₹0.300	₹10.0	₹10.0	₹10.0	√10.0	₹10.0	1,170
CS-73	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
66.74	11/3/2022	3.5'	<0.050	<0.050	<0.050	₹0:450	<0.300	≥10.0	₹10.0	₹10.0	√10.0	₹10.0	1,310
CS-74	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
66.75	11/3/2022	3.5'	<0.050	₹0:050	<0.050	<0.450	₹0.300	₹10.0	44.2	₹10.0	√10.0	44.2	3,120
CS-75	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CC 7C	11/3/2022	3.5	<0.050	<0.050	<0.050	<0.450	<0.300	≥10.0	22.2	₹10.0	₹10.0	22.2	1,630
CS-76	12/5/2022	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-77	11/3/2022	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-78	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-79	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CS-80	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-81	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
CS-82	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
CS-83	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
CS-84	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
CS-85	11/3/2022	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272

Sidewall Confirmation Samples

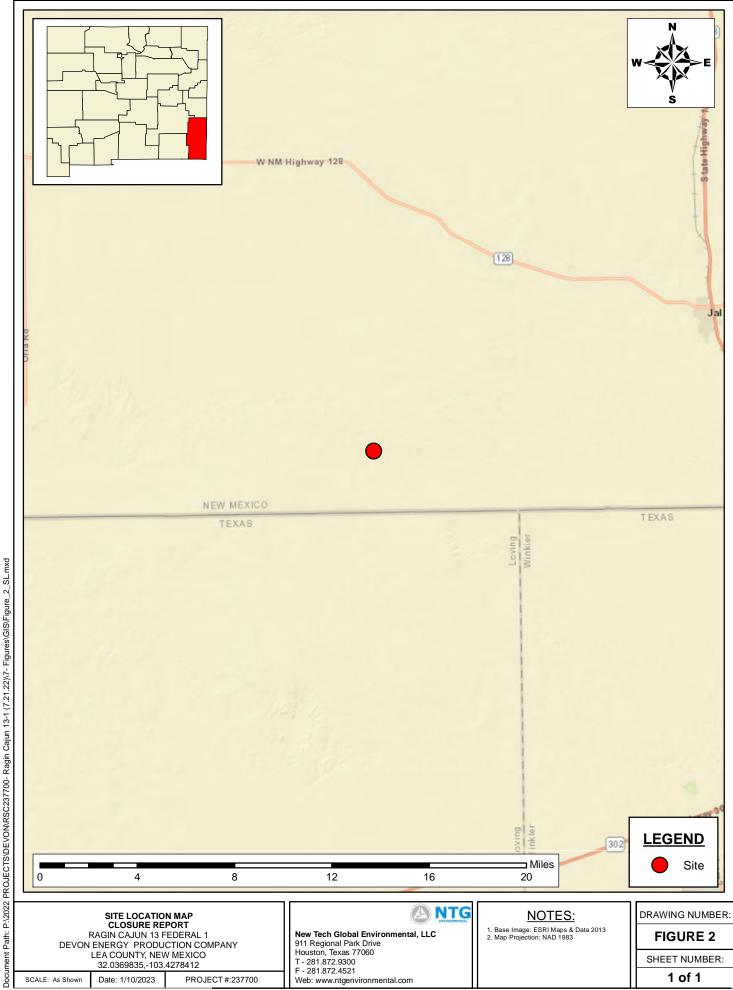
Table 2
Summary of Soil Analytical Data - Confirmation Samples
Ragin Cajun 13 Federal #001H
Devon Energy Production Company
Lea County, New Mexico

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3											ТРН	Г		2024
3/2024 2:58:44	ample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
3	•	•	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
						Table	e I Closure Ci	riteria for Soil	<50feet De	oth to Grour	ndwater 19.15.2	29 NMAC		
7				10 mg/kg				50 mg/kg			-		100 mg/kg	600 mg/kg
	SW-1	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
	SW-2	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	SW-3	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	SW-4	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	SW-5	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	SW-6	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
	SW-7	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	SW-8	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
	SW-9	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
	SW-10	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
	SW-11	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
	SW-12	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
	SW-13	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	SW-14	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
	SW-15	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
	SW-16	11/3/2022		<0.050	<0.050	<0.050	<0:150	<0.300	≥10.0	₹10.0	₹10.0	₹10.0	₹10.0	2,800
	SW-17	11/3/2022		<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
	SW-18	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
	SW-19	11/3/2022		<0.050	<0.050	<0.050	<0.150	₹0:300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	6,320
	SW-20	11/3/2022		<0.050	< 0.05 0	<0.050	<0.150	<0.300	≥10.0	₹10.0	₹10.0	₹10.0	₹10.0	1,800
	SW-21	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	1,380
	SW-22	11/3/2022		< 0.05 0	< 0.05 0	<0.050	<0.150	<0.300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	848
	SW-23	11/3/2022		<0.050	<0.050	<0.050	<0.150	₹0:300	≥10.0	₹10.0	₹10.0	₹10.0	₹10.0	2,920
	SW-24	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
	SW-25	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
	SW-26	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
	SW-27	11/3/2022		<0.050	<0.050	<0.050	<0.150	₹0:300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	1,700
	SW-28	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
	SW-29	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
	SW-30	11/3/2022		<0.050	<0.050	<0.050	<0.150	<0.300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	2,000
	SW-31	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320

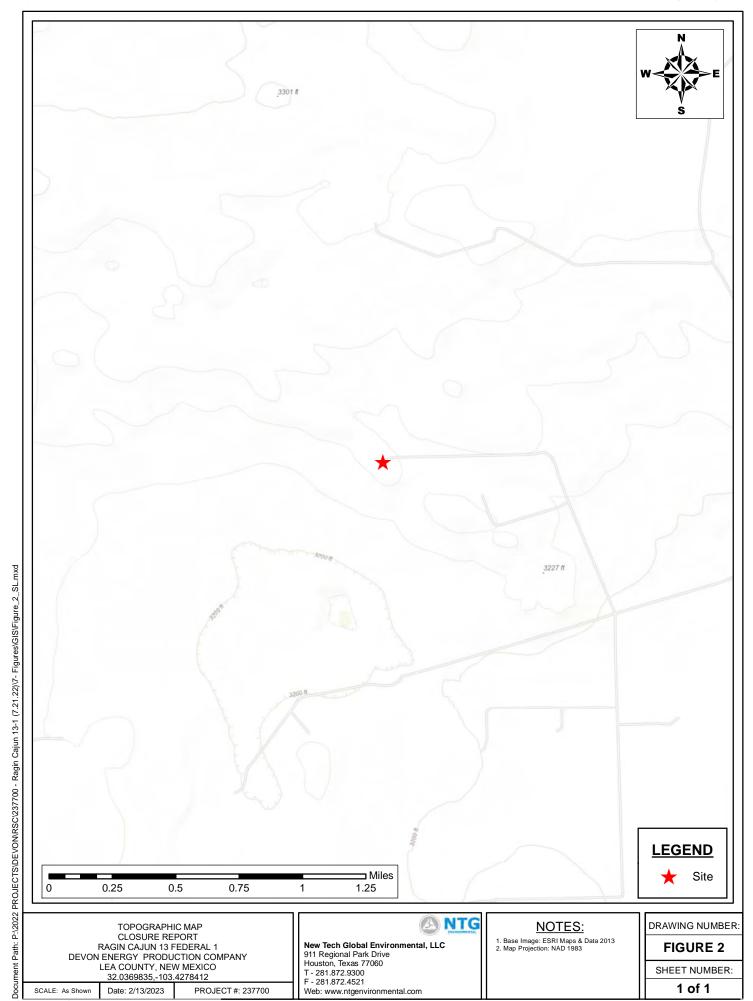
Table 2 Summary of Soil Analytical Data - Confirmation Samples Ragin Cajun 13 Federal #001H Devon Energy Production Company Lea County, New Mexico

										ТРН			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table	e I Closure Ci	iteria for Soil	<50feet De	oth to Groun	ndwater 19.15.2	29 NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
SW-32	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-33	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SW-34	12/5/2022		<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-35	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW-36	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
SW-37	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SW-38	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW-39	12/5/2022		<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-40	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW-41	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW-42	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-43	12/5/2022		<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-44	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-45	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
SW-46	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-47	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW-48	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-49	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-50	12/5/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32

FIGURES



1 of 1



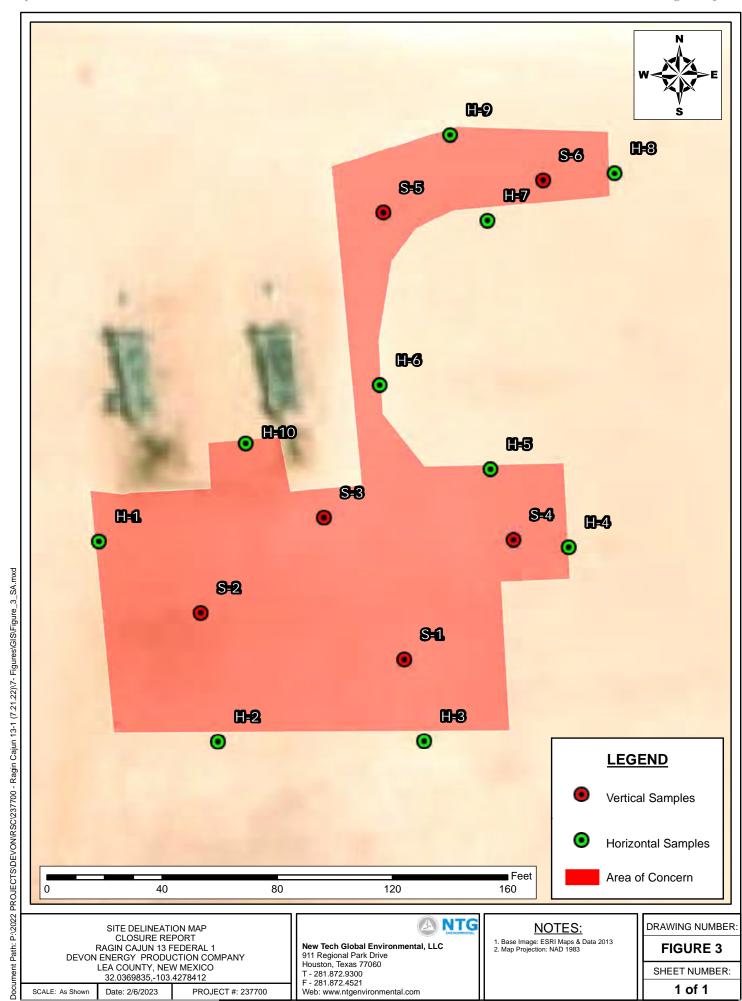
F - 281.872.4521

Web: www.ntgenvironmental.com

PROJECT #: 237700

Date: 2/13/2023 Released to Imaging: 8/13/2024 2:58:44 PM

SCALE: As Shown



Received by OCD: 6/18/2024 4:26:35 PM

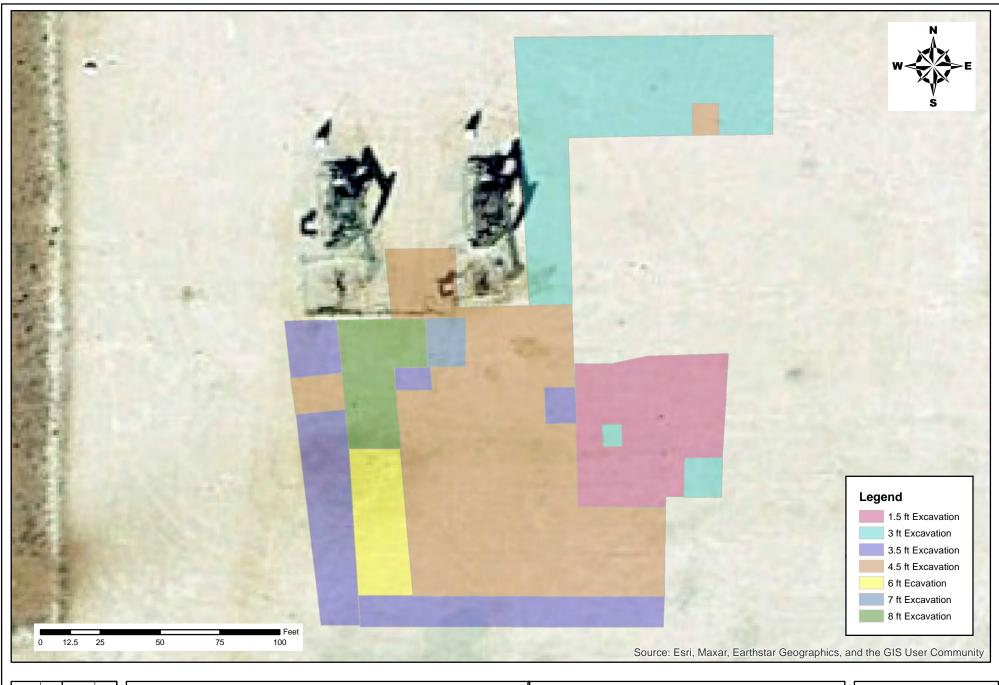


FIGURE 4
SHEET NUMBER:
1 of 3

CONFIRMATION SAMPLE MAP (EXPANDED VIEW)
CLOSURE REPORT

DEVON ENERGY PRODUCTION COMPANY

RAGIN CAJUN 13 FEDERAL LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 5/8/2024

PROJECT #: 237700

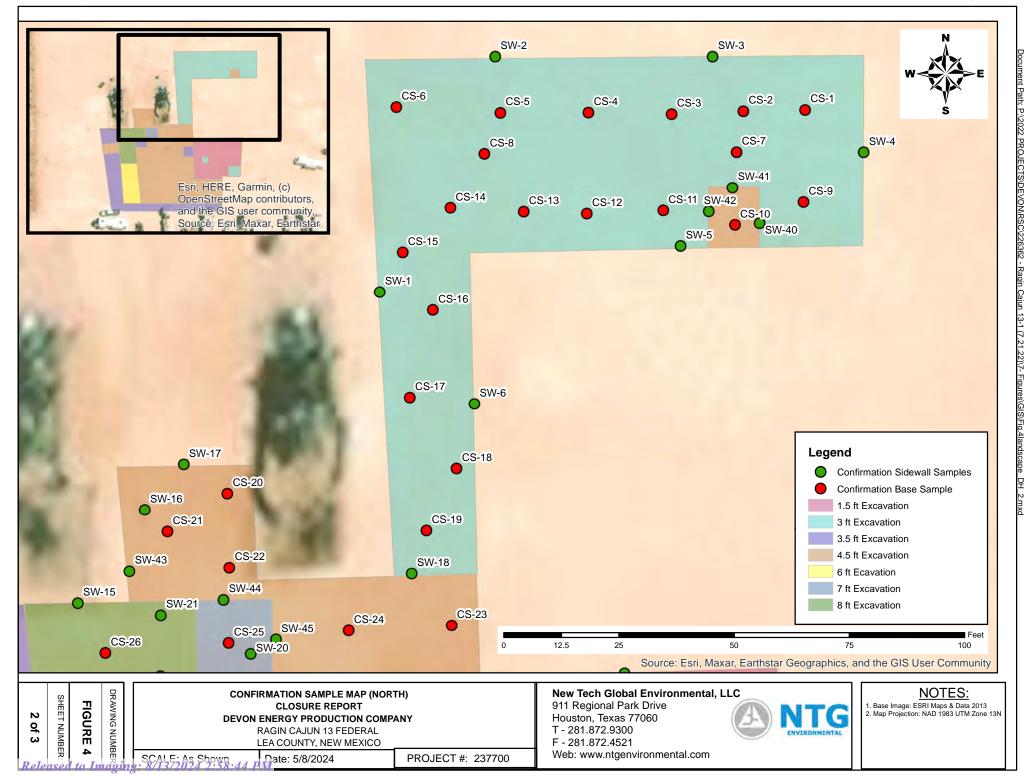
New Tech Global Environmental, LLC

911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521

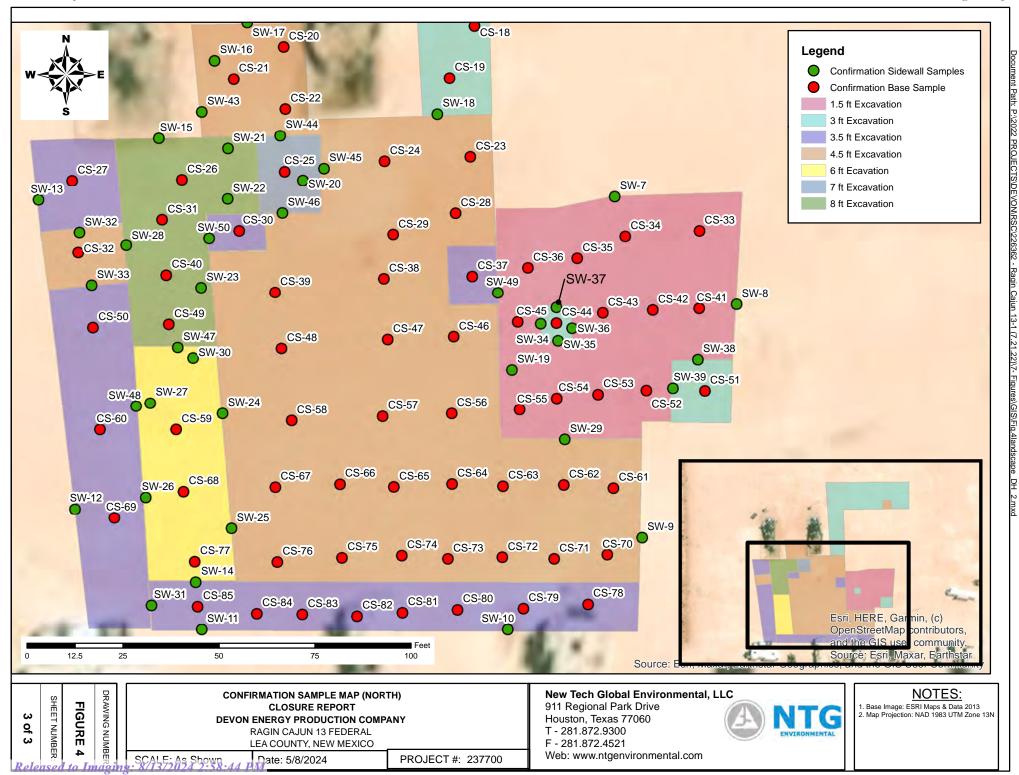
Web: www.ntgenvironmental.com



. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N .ment Path: P:\2022 PROJECTS\DEVONRSC\226362 - Ragin Cajun 13-1 (7.21.22)\7- Figures\GIS\Fig.4landscape_DH_2.mxd



Page 19 of 307



Page 20 of 307



Page 21 of 307

INITIAL C-141

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

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party			OGRID						
Contact Nam	ie			Contact Te	elephone					
Contact emai	il			Incident #	(assigned by OCD)					
Contact mail	ing address			1						
			Location	of Release So	ource					
Latitude				Longitude _						
			(NAD 83 in dec	cimal degrees to 5 decin	nal places)					
Site Name				Site Type						
Date Release	Discovered			API# (if app	plicable)					
Unit Letter	Section	Township	Range	Coun	ntv					
Omit Letter	Section	Township	Range	Cour	ity					
Surface Owner	r: State	☐ Federal ☐ Tr	ibal Private (1	Vame:)				
			Natura and	d Volume of I	Palanca					
Crude Oil		(s) Released (Select al Volume Release		calculations or specific	Volume Recov	volumes provided below)				
Produced		Volume Release	` '		Volume Recov	• • •				
Troduced	vv ater		ion of total dissol	ved solids (TDC)	Yolulle Recov	` '				
			water >10,000 mg		res No	o				
Condensa	te	Volume Release	d (bbls)		Volume Recov	vered (bbls)				
Natural G	as	Volume Release	d (Mcf)		Volume Recov	vered (Mcf)				
Other (des	scribe)	Volume/Weight	Released (provide	e units)	Volume/Weig	ht Recovered (provide units)				
Cause of Rele	ease									
<u> </u>										

Received by OCD: 6/18/2024/4:26:35 PMM State of New Mexico
Page 2 Oil Conservation Division

Page 23eo	J O	IJ	4
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Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	onsible party consider this a major release?		
19.15.29.7(A) NMAC?			
☐ Yes ☐ No			
If YES, was immediate notice given to the OCD? By whom? To v	whom? When and by what means (phone email etc)?		
in 125, was immediate notice given to the OCD. By whom: 10	when and by what means (phone, chair, etc):		
Initial I	Response		
The responsible party must undertake the following actions immedia	ely unless they could create a safety hazard that would result in injury		
☐ The source of the release has been stopped.			
☐ The impacted area has been secured to protect human health ar	d the environment.		
Released materials have been contained via the use of berms of	dikes, absorbent pads, or other containment devices.		
All free liquids and recoverable materials have been removed a	nd managed appropriately.		
If all the actions described above have <u>not</u> been undertaken, explain	why:		
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.			
I hereby certify that the information given above is true and complete to the			
regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In			
addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name: Dale Woodall	Title: Env. Professional		
Signature: Dale Woodall			
email:dale.woodall@dvn.com	Telephone: 575-748-1838		
OCD Only			
Received by: Shelly Wells	Date: 11/13/2023		
Accorded by. Shelly wells	<u> </u>		

Ragin Cajun 13-1 7/21/2022

nAPP2220947571

100	Il Volume(Bbl	Control of the Contro
-	ntaminated Soil	No. of the last of
Area (squ	are feet)	Depth(inches)
392	23	0.250
Cubic Feet of S	Soil Impacted	81.729
Barrels of So	il Impacted	14.57
Soil T	уре	Sand
Barrels of Oi 100% Sat		2.91
Saturation	Saturation Fluid present with shovel/backhoe	
Estimated Ba Relea	and the second second	2.91
	Free Standing	Fluid Only
Area (squ	are feet)	Depth(inches)
167	73	0.500
Standin	g fluid	12.426
Total fluid	ls spilled	<u>15.339</u>

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

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

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

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

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

CONDITIONS

Action 284842

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	284842
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	11/13/2023

W Mexico Page 26 of 307

Incident ID	nAPP2220947571
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?	Unknown (ft bgs)	
Did this release impact groundwater or surface water?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No	
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No	
Are the lateral extents of the release overlying an unstable area such as karst geology?		
Are the lateral extents of the release within a 100-year floodplain? ☐ Yes ☑ 1		
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.		
Characterization Report Checklist: Each of the following items must be included in the report.		
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody 		

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

Received by OCD: 6/18/2024 4:26:35 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 27 of 307	7
Incident ID	nAPP2220947571	
District RP		
Facility ID		

Application ID

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

Page 28 of 307

Incident ID	nAPP2220947571
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.			
 □ Detailed description of proposed remediation technique □ Scaled sitemap with GPS coordinates showing delineation points □ Estimated volume of material to be remediated □ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC □ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) 			
Deferral Requests Only: Each of the following items must be con	nfirmed as part of any request for deferral of remediation.		
Contamination must be in areas immediately under or around predeconstruction.	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.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name:	_ Title:		
Signature:	Date:		
email:	Telephone:		
OCD Only			
	D .		
Received by:	Date:		
Approved			
Signature:	Date:		

Received by OCD: 6/18/2024 4:26:35 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

Incident ID nAPP2220947571
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	tems must be included in the closure report.					
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)						
□ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)						
□ Description of remediation activities						
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rer human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the OPrinted Name:Dale Woodall	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in					
OCD Only						
Received by:	Date:					
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.						
Closure Approved by:	Date:					
Printed Name:	Title:					



NMOCD Closure Criteria

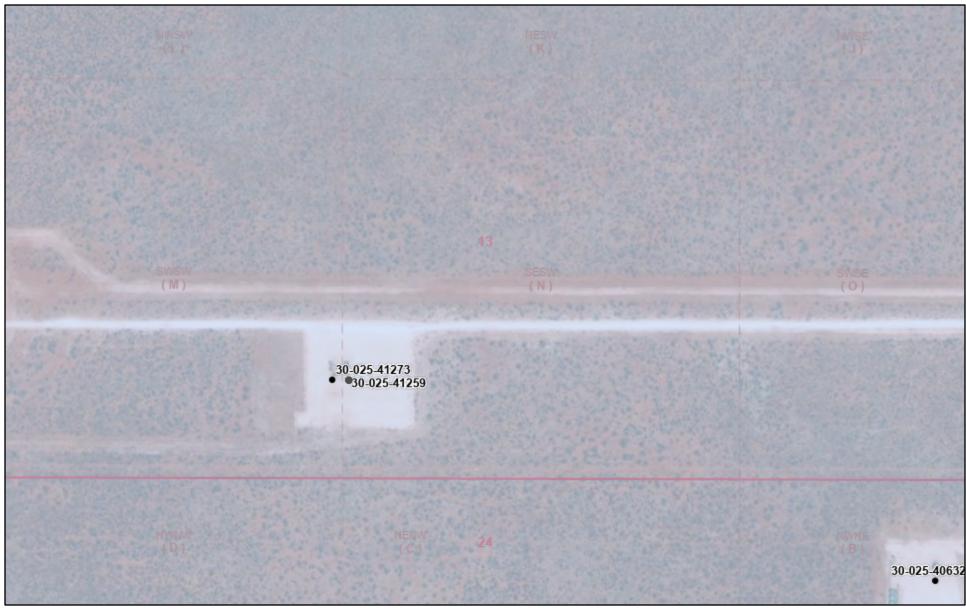
Ragin Cajun 13-1

ragin cajan 10 1				
Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes		
Depth to Groundwater (ft bgs)	N/A	Office of the State Engineer (OSE)		
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	Office of the State Engineer (OSE)		
Horizontal Distance to Nearest Significant Watercourse (ft)	N/A	United States Geological Survey (USGS)		

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

 $[\]ensuremath{^{\star}}$ - numerical limit or background, whichever is greater

Ragin Cajun 13-1

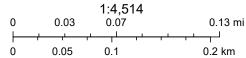


12/5/2023, 9:38:13 AM

Oil, Active



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



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

OSE POD Locations Map

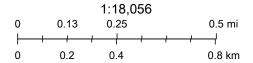


8/8/2023, 2:17:45 PM

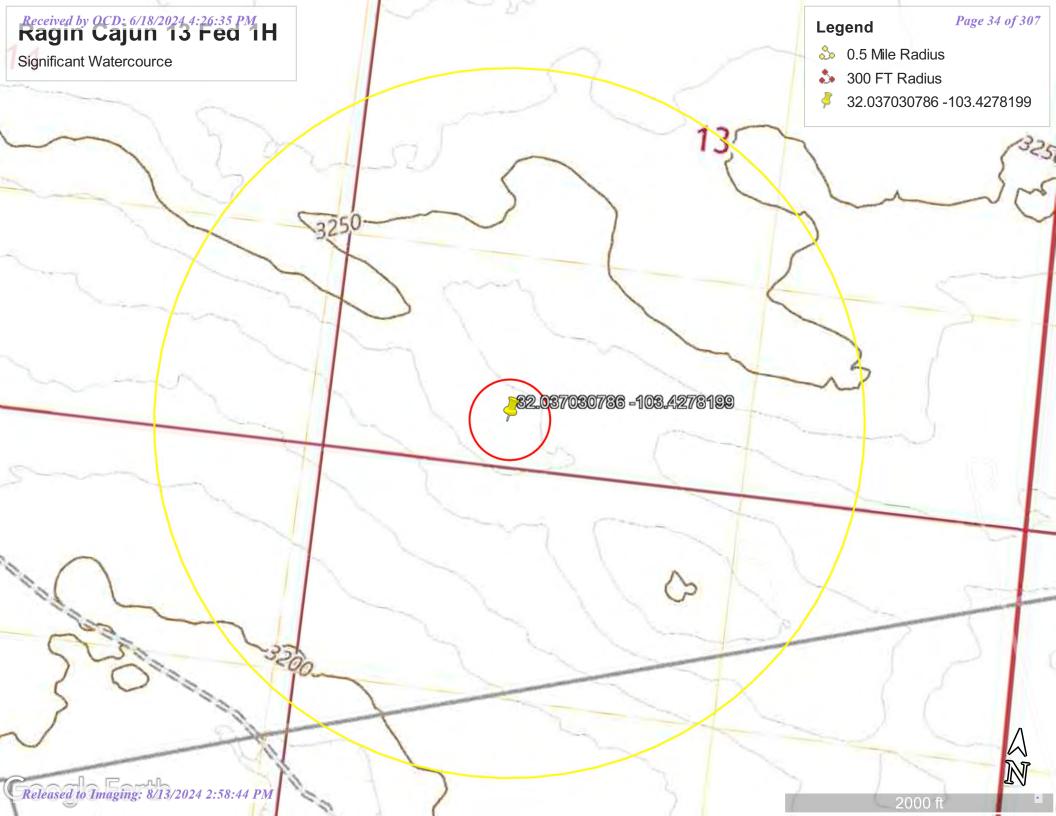
OSE District Boundary NHD Flowlines

Water Right Regulations Stream River

Closure Area
Released to Imaging: 8/13/2024 2:58:44 PM
SiteBoundaries



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





Ragin Cajun 13-1



August 8, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Received by OCD: 6/18/2024 4:26:35 PM National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary -- Coastal Transect Baseline OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

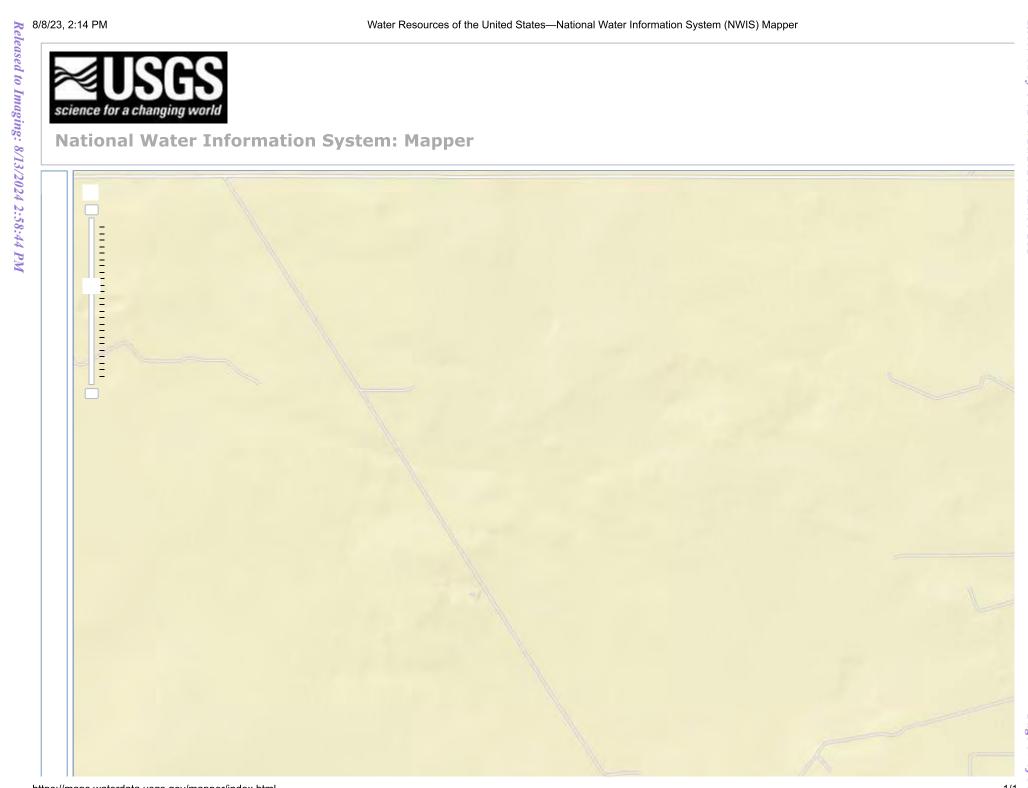
> This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

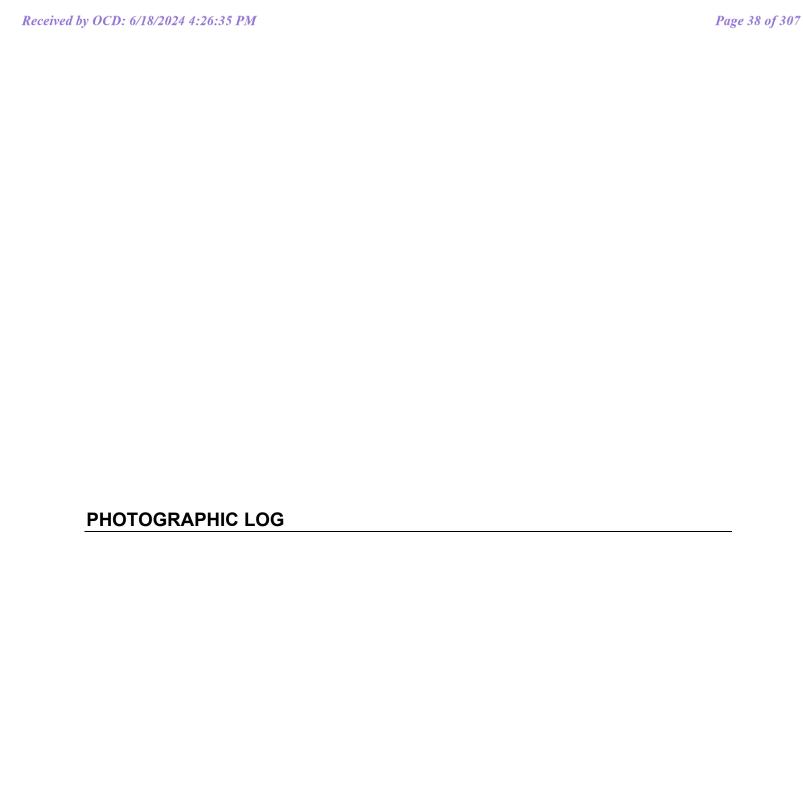
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/8/2023 at 3:16 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



National Water Information System: Mapper





PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 1

Facility:

Ragin Cajun 13 Federal #001

County:

Lea County, New Mexico

Description:

View of Excavation.



Photograph No. 2

Facility:

Ragin Cajun 13 Federal #001

County:

Lea County, New Mexico

Description:

View of Excavation.



Photograph No. 3

Facility:

Ragin Cajun 13 Federal #001

County:

Lea County, New Mexico

Description:

View of Excavation.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 4

Facility: Ragin Cajun 13 Federal #001

County: Lea County, New Mexico

Description:

View of Excavation.



Photograph No. 5

Facility:

Ragin Cajun 13 Federal #001

County:

Lea County, New Mexico

Description:

View of Excavation.



Photograph No. 6

Facility:

Ragin Cajun 13 Federal #001

County:

Lea County, New Mexico

Description:

View of Excavation.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 7

Facility: Ragin Cajun 13 Federal #001

County: Lea County, New Mexico

Description:

View of Excavation.



Photograph No. 8

Facility:

Ragin Cajun 13 Federal #001

County:

Lea County, New Mexico

Description:

View of Excavation.



Photograph No. 9

Facility:

Ragin Cajun 13 Federal #001

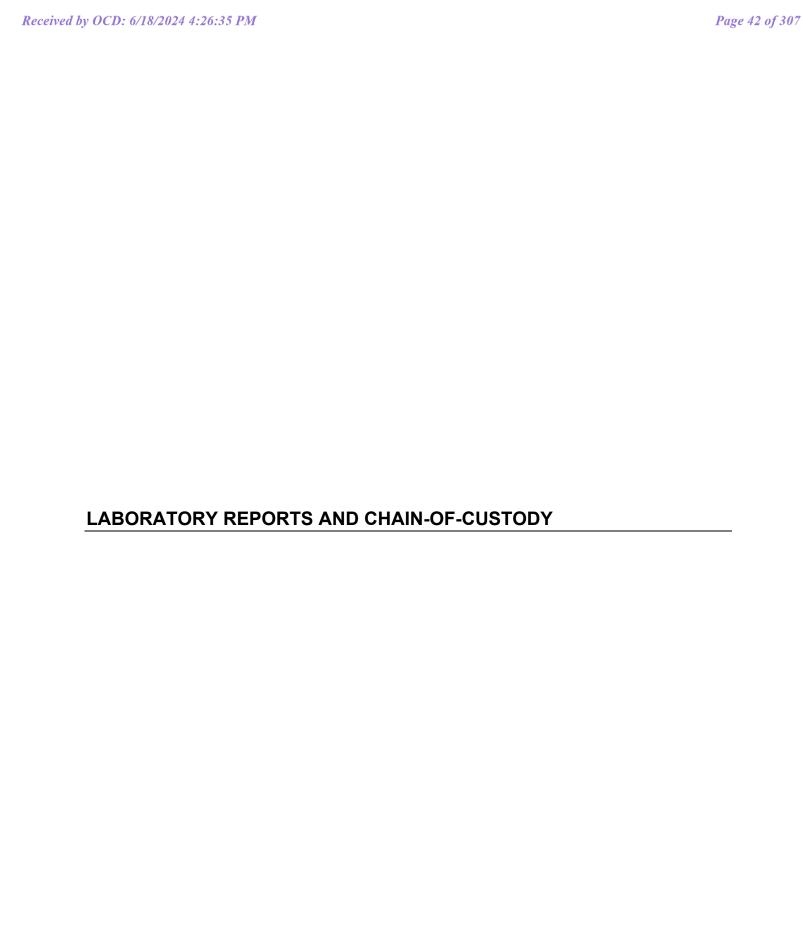
County:

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)

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: 09/29/2022

Reported: 10/03/2022

Project Name: PAGIN CALLIN 13 - 1

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 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	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 Reported: 10/03/2022

10/03/2022 RAGIN CAJUN 13 - 1

Project Name: RAGIN (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 - 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	Analyze	d 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. Keene



Sample Received By:

09/27/2022

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: H - 3 (H224539-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	Analyze	ed 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	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	79.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.5	% 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: 09/27/2022

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

B1EX 8021B	mg,	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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*	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. 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

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	% 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	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	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: 09/29/2022

Reported: 10/03/2022 Project Name: RAGIN CAJUN 13 - 1

Project Name: RAGIN CA 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 - 6 (H224539-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	Analyze	ed 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	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	83.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	78						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

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

Received: 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 - 7 (H224539-07)

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	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	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*	<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	81.0 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.6	% 46.3-17	8						

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Celey D. Keine



09/27/2022

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 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: H - 8 (H224539-08)

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	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	Analyze	ed 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	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*	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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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: 09/27/2022

Sampling Type: Soil

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

Sample ID: H - 9 (H224539-09)

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	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	Analyze	d 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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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 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	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 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 Sample Received By: Project Number: 226038 Tamara Oldaker

Project Location: DEVON - LEA CO NM

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

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	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 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	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 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: 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 (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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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 - 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, SM4500Cl-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	8						

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09/29/2022

Tamara Oldaker

Analytical Results For:

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

Sampling Date:

Sample Received By:

Received: 09/29/2022

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 - 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*	rlbenzene* <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, SM4500Cl-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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Tamara Oldaker

Sample Received By:

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

Project Location: DEVON - LEA CO NM

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	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 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: Project Number: 226038 Tamara Oldaker

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 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	864	16.0	09/30/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 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

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*	enzene* <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	% 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	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	% 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	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*	benzene* <0.050 0.050 09/30/20		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	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*	<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	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
Project Number: 226038 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

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

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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*	enes* <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	96.0	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	84.1	% 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: 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 - 6 (3-3.5) (H224539-20)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, SM4500Cl-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 D. 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

Chain of Custody

Wesley Mathews

Artesia, NM 88210

6488 Seven Rivers Highway

Devon Energy



Ethan Sessums

402 E Wood Ave

NTG Environmental

Carlsbad, NM 88220

Project Manager:

Company Name: Address:

City, State ZIP:

age 23 of 24 Work Order No: #224539

	Pa	ge	_1_	of _	_2_	۵
Work (Order Comm	ents				L
Program: UST/PST PRP	Brownfields	RR	C	Пире	erfund	d [
Reporting:Level II Level III Deliverables: EDD	□ST/UST ADaPT □	Oth		Le	vel IV	

Phone:	254-26	66-5456			Email:	Email: Wesley.Mathews@dvn.com							Delive	rables	: EDD	П	AD	aPT	Othe	r.			
Project Name:		Ragir	n Cajun 13-1		Turn	Around							ANAL	YSIS	REQ	UEST						Preserv	ative Codes
Project Number:			226038		Routine	✓ Rush	n	Pres. Code														None: NO	DI Water: H ₂ O
Project Location		Ede	dy Co, NM		Due Date:	48	Hr															Cool: Cool	MeOH: Me
Sampler's Name:		Jor	dan Tyner		TAT starts the					MRO)		1										HCL: HC	HNO ₃ : HN
PO #:		2	1053206		lab, if rece	ived by 4:3	0pm	2		+		1										H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECE	PT	Tem	p Blank:	Yes No	Wet Ice:	Yes	No	nete	<u>a</u>	DRO	4500	1										H ₃ PO ₄ : HP	
Received Intact:		Ye	s) No	Thermom	eter ID:	113		ıran	8021B	0										2		NaHSO ₄ : NAB	IS
Cooler Custody Sea	s:	Yes	No (N/A)	Correction	Factor:	-D.	6°	4	BTEX	(GRO	Chloride									1 3	-	Na ₂ S ₂ O ₃ : NaS	O ₃
Sample Custody Sea	als:	Yes	No N/A	Temperat	ure Reading:	38			m	N N	5											Zn Acetate+Na	aOH: Zn
Total Containers:			20	Corrected	Temperature:	3.2	SE			801										NaOH+Ascorbic		oic Acid: SAPC	
Sample Idea	ntificatio	on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН												Sample	Comments
H-	1		9/27/2022		X		Comp	1	X	X	X												
H-2	2		9/27/2022		X		Comp	1	X	X	Х												
H-S	3		9/27/2022		Х		Comp	1	X	X	X												
H-	4		9/27/2022		X		Comp	1	X	X	X												
H-s	5		9/27/2022		X		Comp	1	X	X	X												
H-	3		9/27/2022		Х		Comp	1	X	X	X												
H-1	7		9/27/2022		Х		Comp	1	X	X	X		- 9										
H-4	3		9/27/2022		Х		Comp	1	X	X	X												
H-9	9		9/27/2022		X		Comp	1	X	X	X												

Additional Comments:

9/27/2022

H-10

Received by OCD:

6/18/2024 4:26:35 PMI 6 9 1 1 W B 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.

Comp

Bill to: (if different)

Company Name:

City, State ZIP:

Address:

Relinquished by: (Signature)	/ Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1/11/10	Milliona Nilalia	929-22 1458	2		
3 90	(4 20)		4		
5	,		6		

XX

Released to Imaging: 8/13/2024 2:58:44 PM

Chain of Custody

Page 24 of 24 Work Order No: 1224539

Page	2	of	2
raye_		_ 01 _	

Project Manager: E	Ethan Sessums					Bill to: (if different)			Wesley Mathews							Work Order Comments													
The second secon	NTG Envi	ronmental			Company Name:			Devon Energy						Program: UST/PST PRP Brownfields RRC uperfund															
	102 E Wo				Address:			6488	Seven	Rivers	s High	way				State													
	Carlsbad,	NM 88220			City, Stat	e ZIP:		Artesia, NM 88210						Reporting:Level II Level III PST			/UST TRRP	Level IV											
	254-266-5	456		Email:	Wesley.	Mathews	@dvn.c	com								Deliverables: EDD ADaP					T Other:								
Project Name:		Ragin Cajun 13-1		Turn		Turn		Turn					Al				ANAL	YSIS	REC	EQUEST				Preservative Codes					
Project Number:				Routine	✓ Rush	1	Pres. Code															None: NO	Ol Water: H ₂ O						
Project Location		Lea Co, NM		Due Date:		Hr																Cool: Cool M	меОН: Ме						
Sampler's Name:	Jordan Tyner		Jordan Tyner				he day received by the				MRO)														HNO ₃ : HN				
PO #:		21053206		lab, if rece	eived by 4:30pm		ived by 4:30pm		S S		+													2	NaOH: Na				
SAMPLE RECEIP	eived Intact: Yes No Thermo er Custody Seals: Yes No NA Temper ple Custody Seals: Yes No NA Temper		Temp Blank: Yes No Wet Ice: Yes No 20 00 00 00 00 00 00 00 00 00 00 00 00												_	H₃PO₄: HP													
Received Intact:			Thermon	eter ID:						-		1/3		BTEX 8021B	GRO +												HOLD	NaHSO ₄ : NABIS	
Cooler Custody Seals:			Correctio		Reading: 3.8 Emperature: 3.3 E		3.88		4	BTE	9	Chloride											I	Na ₂ S ₂ O ₃ : NaSO ₃	7.				
Sample Custody Seals				ture Reading:										"	8015M (0												Zn Acetate+NaOH	
Total Containers:		20 Corrected Temperatu		d Temperature:					PH 80												NaOH+Ascorbic Acid: SAPC								
Sample Ident	ification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		T T													Sample Co	mments						
S-1 (1-1	1.5)	9/29/2022		Х		Comp	1	X	Х	X																			
S-1 (2-2	2.5)	9/29/2022		X		Comp	1	X	X	X																			
S-2 (1-1	1.5)	9/29/2022		X		Comp	1	X	X	X																			
S-2 (2-2	2.5)	9/29/2022		X		Comp	1	X	X	X																			
S-3 (1-1	1.5)	9/29/2022		X		Comp	1	X	X	X																			
S-3 (2-2	2.5)	9/29/2022		X		Comp	1	X	X	X																			
S-3 (3-3	3.5)	9/29/2022		X		Comp	1	X	X	X																			
S-4 (1-1	1.5)	9/29/2022		X		Comp	1	X	X	X																			
S-5 (2-2	2.5)	9/29/2022		X		Comp	1	X	X	X																			
S-6 (3-3	3.5)	9/29/2022		X		Comp	1	X	X	X																			

Additional Comments:

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Relinguished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1-60	Alluora Waldalfol	929-22 1458	2		
3			4		
5			6		

Released to Imaging: 8/13/2024 2:58:44 PM



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)

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



10/27/2022

Analytical Results For:

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

Sampling Date:

Received: 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 - 1 7' (H225066-01)

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	Analyzed 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							

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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: Project Number: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

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

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, SM4500Cl-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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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

Project Location: DEVON - LEA CO NM

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

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	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				4.67 0.572 0.643 3.00	
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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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: MS

Project Location: DEVON - LEA CO NM

mg/kg

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

BTEX 8260B

DILX 0200D	ilig	kg	Allalyze	a by. 143					
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, SM4500CI-B	mg	/kg	Analyze	ed 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	ed By: MS				4.67 0.572 0.643 3.00	
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. Kune



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: Project Number: 226363 Tamara Oldaker

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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Celeg D. Freene



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

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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Celeg D. Keine



Chain of Custody

Work Order No: <u>H225066</u>

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	NTG Environ 402 E Wood Carlsbad, NM 254-266-545 Ragin 236-36-3 Leu (0) Kenny 210-53-20 IS: Yes ntification 7' 6' 6' 7'	236363 Leu (0), MM Iscnny Han 21053206 IPT Temp Blank: Yes No Is: Yes No (N/A) als: Yes No (N/A) 5 ntification Date 7' (0/27) 8' (6' 7' V	NTG Environmental 402 E Wood Ave Carlsbad, NM 88220 254-266-5456 Ragin (agin 13 - 1 226363 Lew (0), MM Ikenny Han 21053206 IPT Temp Blank: Yes No Thermom Is: Yes No (NA) Correction als: Yes No (NA) Temperat 5 Corrected Intification Date Time 7' (0) 27 8:30 8' 6' 6' 7'	NTG Environmental 402 E Wood Ave Carlsbad, NM 88220 254-266-5456 Email Ragin Carl 13 - 7 Tur 226363	NTG Environmental 402 E Wood Ave Carlsbad, NM 88220 254-266-5456 Ragin Carl 13 - 1 Turn Around 226363 Lea CO, JMM Due Date: Some TAT starts the day received by 4:3 INTERPOLATION Thermometer ID: Yes No Thermometer ID: Yes No NA Temperature Reading: TAT Starts the day received by 4:3 Size Yes No NA Correction Factor: Yes No NA Temperature Reading: Tat starts the day received by 4:3 Tat starts the day receiv	NTG Environmental 402 E Wood Ave Carlsbad, NM 88220 254-266-5456 Email: Wesley.Mathew Ragin (app 13 - 1 Turn Around 226-36-35 Lev (0), I/M Due Date: Source Source Alternal Horn TAT starts the day received by the lab, if received by 4:30pm IPT Temp Blank: Yes No Wet Ice: Yes No Yes No Thermometer ID: // 3 Is: Yes No N/A Correction Factor: -0.6 c als: Yes No N/A Temperature Reading: 23, 2 Time Soil Water Grab/ G	NTG Environmental 402 E Wood Ave Carlsbad, NM 88220 City, State ZIP: 254-266-5456 Email: Wesley.Mathews@dvn. Rayin Carm 13 - 1 Turn Around Pres. Code Lea CO, JMM Due Date: Some Code Lea CO, JMM Ikenny Han J10 53 20 6 IPT Temp Blank: Yes No Wet Ice: Yes No Yes No NA Temperature Reading: 23. 2 Is: Yes No NA Temperature Reading: 23. 2 Intification Date Time Soil Water Grab/ Grab	NTG Environmental Company Name: Devote the property of the p	NTG Environmental Commental Devon Ene 6488 Seve 6488 Seve City, State ZIP: Artesia, NN 254-266-5456 Email: Wesley.Mathews@dvn.com Ragin Carin 13 - 1 Turn Around Pres. Code Routine Rush Code Rush Code Lea CO, JMM Due Date: Sume Jour Ikenny Hon TAT starts the day received by the lab, if received by 4:30pm Ikenny Hon Tomp Blank: Yes No Wet Ice: Yes No Sis: Yes No NIA Correction Factor: -0.65 Sis: Yes No NIA Temperature Reading: 23.2 Solution Time Soil Water Grab/ 6' 7' Comments: Comments:	NTG Environmental Company Name: Devo Emilia Vesley Mathews 6488 Seven River Carlsbad, NM 88220 City, State ZIP: Artesia, NM 88210 254-266-5456 Email: Wesley.Mathews@dvn.com Ragin Lagun 13 - 1 Turn Around 236.36.3 Leu CO, MM Due Date: Sune Jound Note of Code INTERIOR Hain TAT starts the day received by the lab, if received by 4:30pm INTERIOR Hain TAT starts the day received by 4:30pm INTERIOR Hain TAT starts the day received by 1:00 pm INTERIOR Hain TAT starts the day received by 4:30pm INTERIOR Hain TAT starts the day received by 4:30pm INTERIOR Hain TAT starts the day received by 4:30pm INTERIOR Hain TAT starts the day received by 4:30pm INTERIOR Hain TAT starts the day received by 4:30pm TAT starts the day received b	NTG Environmental Company Name: Devon Energy Address: G488 Seven Rivers Highw Carlsbad, NM 88220 City, State ZIP: Artesia, NM 88210 Z54-266-5456 Email: Wesley, Mathews@dvn.com Rough Caph 13 - 7 Turn Around Pres. Code Lea Co, MA Due Date: Sume Code Ilsterny Harn Tart starts the day received by the lab, if received by 4:30pm PT Temp Blank: Yes No Wila Correction Factor: Yes No NiA Correction Factor: Sis: Yes No NiA Temperature Reading: Sis: Yes No NiA Corrected Temperature: Sis: Yes No NiA Corrected Temperature: Sis: Yes No NiA Correction Factor: Sis: Yes No NiA Corrected Temperature: Sis: Yes No NiA Correction Factor: Sis: Yes No NiA Correction Factor: Sis: Yes No NiA Corrected Temperature: Sis: Yes No NiA Correction Factor: Sis: Yes No NiA Corrected Temperature: Sis: Yes No NiA Correction Factor: Sis: Yes No NiA Co	NTG Environmental Company Name: Devon Energy Address: G488 Seven Rivers Highway Address: Carlsbad, NM 88220 254-266-5456 Email: Wesley, Mathews@dvn.com Carlsbad, NM 88220 City, State ZIP: Artesia, NM 88210 Art	NTG Environmental Company Name: Devon Energy Address: Address: Carlsbad, NM 88220 City, State ZIP: Artesia, NM 88210 Email: Wesley, Mathews@dvn.com Rogin Carl 13 - 2 Turn Around ANALYSI 2636-25 Lea (D , JM) Due Date: Sume Qual Ikenny Hon Alb 53 204 Ikenny Hon Alb 53 204 Ires No (NA) Correction Factor: - 0 6 2 Sis: Yes No (NA) Corrected Temperature: 23. (a) Trime Soil Water Grab # of Comp To this carl 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	NTG Environmental Company Name: Devon Energy Address: 6488 Seven Rivers Highway Carlsbad, NM 88220 City, State ZIP: Artesia, NM 88210 Email: Wesley.Mathews@dvn.com Rough (a.g.m 13 - 7 Turn Around 226363 Routine Rush Code Lev (0 , MM Due Date: Some John High Rush Code Lev (0 , MM Due Date: Some John High Rush Code ANALYSIS REC ANALYSIS REC	NTG Environmental Company Name: Devon Energy Address: G483 Seven Rivers Highway Address: G483 Seven Rivers Highway Artesia, NM 88210 Z54-266-5456 Email: Wesley, Mathews@dvn.com Rough Cogn Routine Rou	NTG Environmental Company Name: Company Name: Devote Energy Address: 6483 Seven Rivers Highway State of Project Reporting: Leve Deliverables: E Reporting: Leve Deliverables: Leve	NTG Environmental Company Name: Devon Energy Program: UST/PST State of Project: Reporting: Level II Level VO Normal Park Normal Park	NTG Environmental Company Name: Devon Energy Address: Address:	NTG Environmental Company Name: Devon Energy 402 E Wood Ave Address: Gardsbad, NM 88220 City, State ZIP: Artesia, NM 88210 Reporting:Level II Level III PST Deliverables: EDD ADap Reporting:Level II Devol III PST Deliverables: EDD ADap Reporting:Level II Devol III PST Deliverables: EDD ADap Reporting:Level II Devol III PST Deliverables: EDD ADap ANALYSIS REQUEST ANALYSIS REQUEST TAT starts the day received by the lab. If received by 4:30pm Alexan Deliverables: EDD ADap ANALYSIS REQUEST ANALYSIS REQUEST Tomportative Reading: A Second Se	Ethan Sessums			

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

Relinquished by: (Signature)

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2412	5)		4		
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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)

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:

11/04/2022

Sampling Date:

11/03/2022

Reported: Project Name:

Received:

11/08/2022

Sampling Type:

Soil

Project Number:

RAGIN CAJUN 13 - 1

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

226363

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	% 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. 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 - 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, SM4500CI-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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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 - 3 (3') (H225227-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	d 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	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	85.0	% 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 Sample Received By: Project Number: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

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

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	11/05/2022	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	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	11/04/2022	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	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 Sample Received By: Project Number: 226363 Tamara Oldaker

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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Celey D. Keine



Analytical Results For:

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

Received: 11/04/2022

ma/ka

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 - 6 (3') (H225227-06)

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	11/05/2022	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	% 46.3-17	78						

Analyzed By: 1H /

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Analytical Results For:

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

Fax To:

Received: 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: CS - 7 (3') (H225227-07)

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>						

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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 - 8 (3') (H225227-08)

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	11/05/2022	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 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	64.0	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	86.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 9	% 46.3-17	8						

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Analytical Results For:

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

Fax To:

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

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

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	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	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	96.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112	% 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: 226363 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO NM

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

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	97.3	% 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	688	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	87.0	% 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: 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, SM4500Cl-B	mg	/kg	Analyze	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	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: 226363 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO NM

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

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	97.5	% 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	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	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119	% 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 - 13 (3') (H225227-13)

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	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	Analyzed 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	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	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, 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	3.64	
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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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 - 15 (3') (H225227-15)

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	11/05/2022	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	Analyzed 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	11/07/2022	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 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 Sample Received By: Tamara Oldaker Project Number: 226363

Project Location: DEVON - LEA CO NM

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

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	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	Analyzed 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 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 - 17 (3') (H225227-17)

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	Analyzed 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

Analyzed By: 1H /

Project Location: DEVON - LEA CO NM

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

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	99.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	<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: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

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

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	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	Analyzed 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 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: 1H /

Project Location: DEVON - LEA CO NM

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

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	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	Analyzed 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 Sample Received By: Project Number: 226363 Tamara Oldaker

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	Analyzed 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	143 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 - 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 Sample Received By: Project Number: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

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

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	11/04/2022	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 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	5080	16.0	11/07/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	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 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.5	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

mg/kg

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

BTEX 8021B

DIEX OUZID	mg/ kg		Alldiyzo	Analyzed by: 311					
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	928	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*	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: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

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

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	11/04/2022	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	78						

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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:

Received:

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

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	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	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: Project Number: 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, 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	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	82.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.8	% 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

Analyzed By: JH

Project Location: DEVON - LEA CO NM

mg/kg

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

BTEX 8021B

DILX OUZID	11197	ng .	Allulyzo	u by. 511					
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, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	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	82.1	% 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: 226363 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO NM

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

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	11/05/2022	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	% 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	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	77.8	% 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
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

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

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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*	18.0	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:

Tux

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 - 31 (7') (H225227-31)

BTEX 8021B

DILX GOZID	1119/	ng .	Allulyzo	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	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	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	93.0	% 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 - 32 (3.5') (H225227-32)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	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	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	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	7.1.4.7.2						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	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	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	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	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:

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 - 34 (1.5') (H225227-34)

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	85.5	% 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	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	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:

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 - 35 (1.5') (H225227-35)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2022	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, SM4500Cl-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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108 9	% 46.3-17	8						

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Celey D. Keene



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

Analyzed By: JH

Project Location: DEVON - LEA CO NM

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

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	86.7	% 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	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	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 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 - 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	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: JH

Project Location: DEVON - LEA CO NM

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

BTEX 8021B

	<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	87.2	% 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	1340	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	92.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.7	% 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
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

	<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	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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Celeg D. Freene



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 - 40 (7') (H225227-40)

BTEX 8021B

	9/	9	7	<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	83.7	% 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	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	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

Analyzed By: JH

Project Location: DEVON - LEA CO NM

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

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	1.96	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	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	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	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Celey & Kreene



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

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, SM4500Cl-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	% 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: CS - 43 (1.5') (H225227-43)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	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, 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	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 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 11/04/2022 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 - 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	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	1.96	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:

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	Analyzed 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 Sample Received By: Project Number: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	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, SM4500Cl-B	mg/	'kg	Analyzed 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	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	87.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.8	% 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: CS - 49 (7') (H225227-49)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	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	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 - 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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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 - 51 (1.5') (H225227-51)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	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	Analyzed 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	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	95.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.7	% 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:

Fax I

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 - 52 (1.5') (H225227-52)

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	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	80.0	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	11/08/2022	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

Project Location: DEVON - LEA CO NM

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

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	92.9	% 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	288	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	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	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 - 54 (1.5') (H225227-54)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/07/2022	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 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: CS - 55 (1.5') (H225227-55)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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 - 56 (3.5') (H225227-56)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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

DILX GOZID	ıııg,	Ng .	Analyzo	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	1.96	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	% 69.9-140)						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	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	82.4	% 45.3-161	!						
Surrogate: 1-Chlorooctadecane	87.2	% 46.3-178	3						

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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 - 58 (3.5') (H225227-58)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	11/07/2022	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 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	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	94.69	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.8 9	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022

Reported: 11/08/2022

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 - 59 (6') (H225227-59)

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	90.5	% 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	400	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	85.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.5	% 46.3-17	8						

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Analytical Results For:

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

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

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 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	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	91.19	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.5 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 - 61 (3.5') (H225227-61)

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	1.83	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,	/kg	Analyze	ed 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	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	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:

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

Analyzed By: JH

Project Location: DEVON - LEA CO NM

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

BTEX 8021B

DILX 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	91.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	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	95.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 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 - 63 (3.5') (H225227-63)

BTEX 8021B	mg	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	d 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	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	92.4	% 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 Sample Received By: Tamara Oldaker Project Number: 226363

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, SM4500CI-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	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 - 65 (3.5') (H225227-65)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	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	d 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

DIEX GOZID	1119/	<u>ka</u>	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	% 69.9-140	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	% 46.3-176	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 - 67 (3.5') (H225227-67)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	d 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	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	93.9	% 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 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 - 68 (6') (H225227-68)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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	98.0	% 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

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, SM4500Cl-B	mg,	/kg	Analyzed 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	% 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 - 70 (3.5') (H225227-70)

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	90.0	% 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	256	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	97.0	% 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

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 - 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, SM4500Cl-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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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 - 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	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	1010	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	90.2	% 45.3-16	1						
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: Sample Received By: 226363 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

Project Location: DEVON - LEA CO NM

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

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	91.7	% 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	1310	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	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: Project Number: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

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

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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:

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 - 77 (6') (H225227-77)

Received:

RTFY 8021R

B1EX 8021B	mg,	кg	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	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	% 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 - 78 (3.5') (H225227-78)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	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	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	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	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	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 - 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	ıııg,	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/08/2022	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	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 - 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 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	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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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 - 82 (3.5') (H225227-82)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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	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: 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	% 46.3-17	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 - 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	% 46.3-17	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 - 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, 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	77.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.3	% 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

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 - 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	% 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	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:

Received: 11/04/2022 Sampling Date:

ma/ka

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: SW - 2 (H225227-87)

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	1.81	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	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	% 46.3-17	78						

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Celeg & Freene



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 - 3 (H225227-88)

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	1.81	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, SM4500Cl-B	mg,	/kg	Analyze	ed 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	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	79.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.3	% 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: Project Number: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 4 (H225227-89)

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 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	16.0	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	82.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.4	% 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: Project Number: 226363 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 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/07/2022	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	26 46.3-17	8						

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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

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

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Chain of Custody



Work Order No: <u>H225227</u> 898 93 of 101

Project Manager:	Ethan S	Sessums			Bill to: (if	different)		Wes	ley Ma	thews							Work	Order	Comments	
Company Name:	NTG Er	nvironmental			Compan	y Name:		Devo	n Ener	rgy					rogram:	UST/PS1			vnfields RRC	uperfund
Address:	402 E V	Vood Ave			Address					0,	s Highwa	av			tate of P			Біот	mineras Litto	uperiunu
City, State ZIP.	Carlsba	d, NM 88220			City, Sta	te ZIP:			ia. NM			,		F	eporting:	Level II	Level III	□PS	T/UST TRRP	□ Level IV □
Phone:	254-266	5-5456		Email	Wesley	Mathew	s@dvn.d	_						\rightarrow 1		es: EDD			PT Other	
Project Name:		Ragin Cajun 13-1		Turi	n Around		1					AN	AL YSIS	REQU	FST				Procent	ative Codes
Project Number:		226363		Routine	✓ Rus	h	Pres. Code									T		T	None: NO	DI Water: H ₂ (
Project Location		Lea Co. NM		Due Date:	48	Hr						\top				+	_		Cool: Cool	MeOH: Me
Sampler's Name:		Kenny Han		TAT starts the	day receiv	ed by the			MRO)									1	HCL: HC	HNO ₃ : HN
PO #.		21073110		lab, if rece	eived by 4:3	80pm	e e		+										H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECEI	IPT	Temp Blank:	Yes No	Wet Ice:		NO	Parameters	田田	+ DRO	200									H ₃ PO ₄ : HP	
Received Intact:		Yes No	Thermom		11		aran	802	0	de 4								НОГР	NaHSO ₄ : NABIS	
Cooler Custody Seal		Yes No N/A	Conection Factor.			1 1		9	Na ₂ S ₂ O ₃ : NaSO	03										
Sample Custody Sea Total Containers:	als:	Yes No N/A		ture Reading:				ш.	15M	0									Zn Acetate+Na	OH: Zn
otal Containers:		115	Corrected	Temperature:	4:	42			1 80							1 1			NaOH+Ascorbi	c Acid: SAPC
Sample Iden	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН										Sample	Comments
CS-1	(3')	11/3/2022	1pm	х		comp	1	х	х	х										
CS-2	(3')	11/3/2022	1pm	x		comp	1	x	х	х										
CS-3		11/3/2022	1pm	X		comp	1	x	х	х										
CS-4		11/3/2022	1pm	x		cemp	1	х	х	х						\top				
CS-5	(3')	11/3/2022	1pm	х		comp	1	x	х	х										
CS-6	(3')	11/3/2022	1pm	х		comp	1	x	х	х										
CS-7	(3')	11/3/2022	1pm	x		comp	1	х	х	x						1		+		
CS-8	(3')	11/3/2022	1pm	x		comp	1	х	х	x						+	_	1		
CS-9	(3')	11/3/2022	1pm	x		comp	1	x	х	х								1		
CS-10	(3')	11/3/2022	1pm	x		comp	1	x	x	x	_	_			_	+		+	-	

	Relinquished by: (Signature)	/ Received by Signature	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Kedle	Sough Medalish	11-4-22 1245	2		
3				4		
5				6		

Chain of Custody



Work Order No: H225227

Project Manager:	Ethan S	Sessums	Bill to: (if diff					Wes	ley Ma	thews							W	ork O	rder (Comments	0112_
Company Name:	NTG Er	nvironmental			Compar	y Name:			n Ene					71	Progra	m: IIST/				nfields RRC	uperfund _
Address:	402 E V	Wood Ave			Address					97	s Highwa	v				f Project	_	141	prow	illielus LKKO	_uperiulia _
City, State ZIP:	Carlsba	ad, NM 88220			City, Sta	ite ZIP:				1 8821				$\exists 1$	Reporti	ng:Level	II TLev	rel III	□ PST	T/UST TRRP	□ Level IV □
Phone:	254-266	6-5456		Email	Wesley	Mathew	s@dvn.							_		ables: El	_		ADaP		
Project Name:		Ragin Cajun 13-	1	Tur	n Around							AN	ALYSIS	REOL	IEST					Droconvol	tive Codes
Project Number:		226363		Routine	✓ Rus	h	Pres. Code				П	-	- I	The Grand	1	T	T			None: NO	DI Water: H ₂ O
Project Location		Lea Co. NM		Due Date:	48	Hr	Couc								1	-					
Sampler's Name:		Kenny Han		TAT starts the	-				MRO)					1 1		- 1				Cool: Cool	MeOH: Me
PO#:		21073110			eived by 4:3		ø		¥ ¥											HCL: HC H ₂ SO ₄ : H ₂	HNO ₃ : HN NaOH: Na
SAMPLE RECEI	PT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	00	080	4500										H ₃ PO ₄ : HP	NaOH. Na
Received Intact:		Yes No	Thermom	eter ID:	16	3	ram	BTEX 8021B	8015M (GRO + DRO	6 45					- 1					NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn	
Cooler Custody Seals	S:	Yes No N/A	Correctio	n Factor:	-0	,6°	Pa	X	GR	Chloride									0		
Sample Custody Sea	ils;	Yes No N/A	Tempera	ture Reading:	5.	02		E	NS.	5				lí							
Total Containers:		115	Corrected	Temperature:	4.	4 °			801											NaOH+Ascorbic	
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH											Sample C	comments
CS-11	(3')	11/3/2022	1pm	X		Comp	1	x	x	x			1		\neg		+				
CS-12	(3')	11/3/2022	1pm	X		Comp	-1	x	×	x		\top			1						
CS-13	(3')	11/3/2022	1pm	X		Comp	1	×	х	x											
CS-14	(3')	11/3/2022	1pm	X		Comp	1	х	х	х					_						
CS-15	(3')	11/3/2022	1pm	x		Comp	1	х	х	х					_	_	+				=
CS-16	(3')	11/3/2022	1pm	x		Comp	1	х	x	х					\rightarrow						
CS-17	(3')	11/3/2022	1pm	X		Comp	1	х	х	x					\rightarrow						
CS-18	(3')	11/3/2022	1pm	х		Comp	1	х	х	x					\rightarrow	_	+	_			-
CS-19	(3')	11/3/2022	1pm	x		Comp	1	х	х	х					1	+					
CS-20 (3	3.5')	11/3/2022	1pm	x		Comp	1	x	х	х			1		-	_	+ +	\rightarrow	-		

Relinquished by: (Signature)	/ Received by: (Signature) / /	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Kenylly	Muura Walatte	114-22 1245	2		
3			4		
5			6		

6/18/2024 4:26:35 PM N

Chain of Custody

Work Order No: H22522

Project Manager:	Ethan Se	essums			Bill to: (i	f different)		Wes	ley Ma	thews					T			W	ork O	rder	Comments	0112
Company Name:	NTG Env	vironmental			Compar	ny Name:		Devo	n Ene	rav					P	ogran	· IIST/					uperfund
Address:	402 E W	ood Ave			Address						s High	vav			1 1		Project		ICI L	_prow	illeras LRRC L	_uperiuna [_
City, State ZIP:	Carlsbad	, NM 88220			City, Sta	ate ZIP:			ia. NM			vay			- 1		-		vel III	T-bs1	T/UST TRRP	Level IV Π
Phone:	254-266-	5456		Email:		Mathew	s@dvn.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10021					\dashv \sqcup			DD 🗆		ADaP		1 20,0,11 [
Project Name:		Ragin Cajun 13-1		Turi	n Around		950						ANAI	YSIS I	REQUE	ST	9				Preservative	Codos
Project Number:		226363		Routine	✓ Rus		Pres. Code		T	Т				10101	LGOL		T	T	T			
Project Location		Lea Co. NM		Due Date:	45	3 Hr	Code							_	_	+	_	1				Water: H ₂ O
Sampler's Name:		Kenny Han		TAT starts the	1			1	MRO)													leOH: Me INO ₃ : HN
PO #:		21073110			eived by 4:3		90		+													aOH: Na
SAMPLE RECEI	PT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	m	DRO	4500											H ₃ PO ₄ : HP	uon. nu
Received Intact:		Yes No	Thermom	eter ID:	1/3		ram	8021B	+											9	NaHSO ₄ : NABIS	
Cooler Custody Seals	_	Yes No N/A	Correctio	n Factor:	-0.	6°C	Pa	E	GRO	Chloride										НОГР	Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Sea	ls:	Yes No N/A		ture Reading:	5.1			m	8015M	ភ											Zn Acetate+NaOH:	Zn
Total Containers:		115	Corrected	Temperature:	4.	4 E			801												NaOH+Ascorbic Ac	id: SAPC
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH												Sample Con	nments
CS-21 (3.5')	11/3/2022	1pm	x		Comp	1	x	x	x			_	\neg	+	+	+					
CS-22 (3.5')	11/3/2022	1pm	×		Comp	1	x	x	x			_		\rightarrow	_	+					
CS-23 (3.5')	11/3/2022	1pm	x		Comp	1	x	x	x			_	\rightarrow	+	+	+					
CS-24 (3.5')	11/3/2022	1pm	x		Comp	1	x	x	x		\neg			\rightarrow	+	+					-
CS-25	(7')	11/3/2022	1pm	x		Comp	1	x	x	x			\neg	\neg	_	+	+	1				
CS-26	(7')	11/3/2022	1pm	х		Comp	1	×	х	х	T	\neg	\neg		+	+						
CS-27 (3.5')	11/3/2022	1pm	x		Comp	1	x	x	х			_	\vdash		+	+					
CS-28 (3	3.5')	11/3/2022	1pm	x		Comp	1	x	х	х				\rightarrow		+	+					
CS-29 (3	3.5')	11/3/2022	1pm	х		Comp	1	x	х	х			1	_	_	+	1					
CS-30 (3.5')	11/3/2022	1pm	x		Comp	1	х	х	х			1	1								
Additio	nal Comm	nente:										_			_		_					

of Xenco. A minimum charge of \$85.00 will be ap	pplied to each project and a charge of \$5 for each sample submitt	ed to Xenco, but not analyzed. Thes	e terms will be enforced unless previously neg	otiated.	
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Kendly	Jamara Nederlik	11-4-22 1245	2		
3			4		
5			6		
					Reserved Date 05012020 Res. 201

Released to Imaging: 8/13/2024 2:58:44 PM

Chain of Custody

Wesley Mathews

Artesia, NM 88210

TPH 8015M (GRO + DRO +

6488 Seven Rivers Highway

Devon Energy



Ethan Sessums

402 E Wood Ave

254-266-5456

NTG Environmental

Carlsbad, NM 88220

Ragin Cajun 13-1

226363

Lea Co. NM

Kenny Han

21073110

N/A

Temp Blank:

Yes No

115

Yes No N/A

Yes No

Project Manager

Company Name:

City, State ZIP:

Project Name:

Project Number:

Project Location

Sampler's Name:

Received Intact:

Total Containers:

SAMPLE RECEIPT

Cooler Custody Seals:

Sample Custody Seals:

Sample Identification

Address:

Phone:

Work Order No: <u>H225227</u> 50 96 90

		Work Order		4 of12
	Program: UST/PST State of Project: Reporting:Level II Deliverables: EDD [Level III PS	T/UST TRR	P Level IV
ANALYSIS RI	EQUEST		Preserv	rative Codes
		НОГВ	Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NAB Na ₂ S ₂ O ₃ : NaS Zn Acetate+Na	O3

				 Comp	Cont													Sample Comments
CS-31 (7')	11/3/2022	1pm	х	Comp	1	х	х	x					\neg	\neg	\neg	_	_	
CS-32 (3.5')	11/3/2022	1pm	x	Comp	1	х	x	х										
CS-33 (1.5')	11/3/2022	1pm	X	Comp	1	x	x	х					\rightarrow	1	\pm	+	+	
CS-34 (1.5')	11/3/2022	1pm	X	Comp	1	x	x	х					_	_	\rightarrow	+	+	
CS-35 (1.5')	11/3/2022	1pm	х	Comp	1	х	x	х		_			+	\dashv	_	_	+	
CS-36 (1.5')	11/3/2022	1pm	х	Comp	1	х	x	х		\neg			\rightarrow	+	-	_	+	
CS-37 (3.5')	11/3/2022	1pm	X	Comp	1	х	x	х		1	\rightarrow		_	\dashv		1		
CS-38 (3.5')	11/3/2022	1pm	×	Comp	1	х	x	х		_			_	\dashv	-	+	+-	
CS-39 (3.5')	11/3/2022	1pm	x	Comp	1	x	x	х			\rightarrow		$\overline{}$	\dashv	_	+	1	
CS-40 (7')	11/3/2022	1pm	×	Comp	1	x	х	х	_	-	-		\rightarrow	\dashv	-	+	+	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$6 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Bill to: (if different)

Company Name:

City, State ZIP:

✓ Rush

48 Hr

Yes No

5.0

Email: Wesley.Mathews@dvn.com

Pres.

Code

of

Address:

Turn Around

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

Routine

Due Date:

Yes No Wet Ice:

Temperature Reading:

Corrected Temperature:

Thermometer ID:

Correction Factor:

Relinquished by: (Signature)	Received by: (\$ignature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Ruffy	SUUARA WIGAT LAR	114-22 1245	2		
3			4		
5			6		

A	NTG
	ENVIRONMENTAL

Chain of Custody

Work Order No: #22522

Project Manager:	Ethan Ses	sums			Bill to: (if	f different)		Wes	ley Ma	thews							1	Nork C	Order	Comments	
Company Name:	NTG Envir	ronmental			Compan	y Name:		Devo	n Ene	rgy					Progr	am: US				nfields RRC	Dunerfund D
Address:	402 E Wo	od Ave			Address			6488	Sever	Rivers	Highwa	av				of Proje		,		micias Davo	_aperiana _
City, State ZIP:	Carlsbad,	NM 88220			City, Sta	ite ZIP:		Artes	ia, ivi	88210					Repor	ting:Leve	el II 🗆 L	evel III	□ sī	T/UST TRRP	Level IV
Phone:	254-266-5	456		Email	Wesley	Mathew	s@dvn.	com									EDD [ADaP	_	
Project Name:		Ragin Cajun 13-1		Tur	n Around							Al	NALYSI	IS REC	DUEST					Preservati	va Codae
Project Number:		226363		Routine	✓ Rus		Pres. Code							T		T	T	T	T		DI Water: H ₂ O
Project Location		Lea Co. NM		Due Date:	48	B Hr						\top		1				+	\vdash		MeOH: Me
Sampler's Name:		Kenny Han		TAT starts the	_				MRO)											0.561 6524	HNO ₃ : HN
PO #:		21073110		lab, if reco	eived by 4:3	30pm	gn	1	ž +												NaOH: Na
SAMPLE RECEI	PT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	0	DRO	4500										H ₃ PO ₄ : HP	
Received Intact:		Yes No	Thermom	neter ID:	1/3		ram	BTEX 8021B	+										9	NaHSO ₄ : NABIS	
Cooler Custody Seal	s: Y	es No N/A	Correction	n Factor:	-0	16°C	Pa	Ä	(GRO	Chloride									0	Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Sea	als; Y	es No N/A	Temperat	ture Reading:	5.			B	₩ S	5										Zn Acetate+NaOH	ł: Zn
Total Containers:		115	Corrected	d Temperature:	4	40			801											NaOH+Ascorbic A	Acid: SAPC
Sample Iden	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH											Sample Co	omments
CS-41 ((1.5')	11/3/2022	1pm	х		Comp	1	x	х	x											
CS-42 ((1.5')	11/3/2022	1pm	х		Comp	1	×	×	х											
CS-43 ((1.5')	11/3/2022	1pm	х		Comp	1	x	×	х			\top		\Box						
CS-44 ((1.5')	11/3/2022	1pm	х		Comp	1	х	х	х					\vdash	\top					
CS-45 ((1.5')	11/3/2022	1pm	x		Comp	1	х	х	х						\perp					
CS-46 ((3.5')	11/3/2022	1pm	x	7	Comp	1	х	х	х		\neg		1				_			
CS-47 ((3.5')	11/3/2022	1pm	×		Comp	1	х	x	х								1			
CS-48 ((3.5')	11/3/2022	1pm	x		Comp	1	х	х	х	1						1	1			
CS-49	(7")	11/3/2022	1pm	x		Comp	1	х	х	х											
CS-50 (3.5')	11/3/2022	1pm	х		Comp	1	х	х	х							+	1			
Additio	onal Comm	ents:									_					_		_			

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

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Kuntuu	Melliara dilatak	11-4-22 1245	2		
1				4		
5				6		

Released to Imaging: 8/13/2024 2:58:44 PM

Chain of Custody



Work Order No: H22522

Project Manager:	Ethan	Sessum	s			Bill to: (if	different)		Wes	ley Ma	thews					7				Wor	rk Ord	der (Comments	01_12
Company Name:	NTG	Environm	ental			Compan	y Name:			n Ene						7 ,	rogra	m· IIS	T/PST				nfields RRC	□uperfund □
Address:	402 E	Wood A	ve			Address					0,	s Highv	way					f Proje		Пек		orowi	illeiusKKC	_uperiuna _
City, State ZIP:	Carlsb	oad, NM 8	88220			City, Sta	ite ZIP:			ia, NN			,			- F	Reporti	ng:Lev	el II 🗆	Level	шГ	PST	UST TRRP	Level IV
Phone:	254-26	66-5456			Email		Mathew	s@dvn.d		, 1111						\dashv \sqcup		ables:		_			T Other	
Project Name:		Ragi	n Cajun 13-1		Tur	n Around								IANAL	YSIS	REQU	FST						Drosones	tive Codes
Project Number:			226363		Routine	✓ Rus		Pres. Code		Г		П	Ť		10.0	Lac		T	T	T	T		None: NO	DI Water: H ₂ O
Project Location		Le	a Co. NM		Due Date:	48	Hr	Code						\neg	_	_	\rightarrow	1	+	+	\rightarrow			
Sampler's Name:		K	enny Han		TAT starts the	-				MRO)									- 1			- 1	Cool: Cool HCL: HC	MeOH: Me
PO #:		2	21073110			eived by 4:3		90		¥						- 1	- 1					- 1	H ₂ SO ₄ : H ₂	HNO ₃ : HN NaOH: Na
SAMPLE RECE	IPT	Tem	p Blank:	Yes No	Wet Ice:	Yes	NO	eter	m	DRO	4500												H ₂ PO ₄ : HP	NaOH. Na
Received Intact:		Ye	s No	Thermom	eter ID:	113		ram	BTEX 8021B	+													NaHSO ₄ : NABI	9
Cooler Custody Seal	ls:	Yes	No (N/A)	Correction	Factor:	-0,	6°C	Pa	EX	(GRO	Chloride											0 1	Na ₂ S ₂ O ₃ : NaSC	
Sample Custody Sea	als:	Yes	No N/A	Temperat	ure Reading:		02		E	SM (5											- 1	Zn Acetate+Na	A Later III
Total Containers:			115	Corrected	Temperature:	4.	4'è			8015M												- 1	NaOH+Ascorbi	
Sample Ider	ntificatio	on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH													Sample	Comments
CS-51	(1.5')		11/3/2022	1pm	х		Comp	1	х	x	х				1	\rightarrow	\top	$^{+}$	\pm	+	+			
CS-52	(1.5')		11/3/2022	1pm	X		Comp	1	x	x	x			\neg	\neg	\neg	1	+	+	+	+			
CS-53	(1.5')		11/3/2022	1pm	×		Comp	1	x	X	х			1	_		\rightarrow	+	_	_	_			
CS-54	(1.5')		11/3/2022	1pm	X		Comp	1	х	х	х				1	1	\top	\pm	1	+	_	\neg		
CS-55	(1.5')		11/3/2022	1pm	×		Comp	1	х	х	х					\rightarrow	\neg	+	+	+	+	\dashv	-	
CS-56 ((3.5')		11/3/2022	1pm	x		Comp	1	х	х	x		\neg	\neg	1	\rightarrow	\perp	+	+	+	\rightarrow	_		
CS-57 ((3.5')		11/3/2022	1pm	×		Comp	1	х	х	x		\neg		_		\neg	\pm	1	+	\pm	-		
CS-58 ((3.5')		11/3/2022	1pm	x		Comp	1	х	x	x		1	\rightarrow	\neg	\neg	+	+	+	\pm	_	7		
CS-59	(6')		11/3/2022	1pm	х		Comp	1	х	х	x		\neg	1				\top		+	+	\neg		
CS-60 ((3.5')		11/3/2022	1pm	х		Comp	1	х	х	х			\neg	1	1	\top	\top	+		+	\dashv		
Additio	onal Co	mments	:											_			_				_			

	Relinquished by: (Signature)	Received by (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
,	Kushy	Januara Walatak	11-422 1245	2		
				4		
Ľ				6		

Chain of Custody



ork Order No:	H225227	9 of .
		6
	(+)	age

Project Manager:	Ethan Se	essums			Bill to: (i	f different)		Wes	ley Ma	thews								W	ork O	rder	Comments	
Company Name:	NTG En	vironmental			Compar	ny Name:		Devo	on Ene	rgy					P	rogran	n: UST/				nfields RRC	Tuperfund T
Address:	402 E W	lood Ave			Address	S:		6488	Seve	n Rive	rs High	way					Project					Парапапа Г
City, State ZIP:	Carlsbac	d, NM 88220			City, Sta	ate ZIP:			sia. NN						R	eportin	g:Level	∥∏Le	vel III	[PS]	T/UST TRRP	☐ Level IV ☐
Phone:	254-266-	-5456		Email:	Wesley	.Mathew	s@dvn.								-1			DD 🗆		ADaP	_	13 3 March 19
Project Name:		Ragin Cajun 13-1		Turi	n Around								ANAL	YSIS F	REQUE	ST					Preserva	tive Codes
Project Number:		226363		Routine	✓ Rus	sh	Pres. Code										T	T			None: NO	DI Water: H ₂ O
Project Location		Lea Co. NM		Due Date:	48	3 Hr									1							
Sampler's Name:		Kenny Han		TAT starts the	_				MRO)												Cool: Cool HCL: HC	MeOH: Me HNO ₃ : HN
PO #:		21073110		lab, if rece			90	1	¥												H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEI	PT	Temp Blank:	Yes No	Wet Ice:	Yes	No	ameters	m	DRO	4500			-								H ₃ PO ₄ : HP	Naori. Na
Received Intact:		Yes No	Thermon	eter ID:	11	3	ram	BTEX 8021B	+											9	NaHSO ₄ : NABI	s
Cooler Custody Seals	S:	Yes No N/A	Correctio	n Factor:	-0.	6°	Ра	EX	(GRO	Chloride		j								HOLD	Na ₂ S ₂ O ₃ : NaSC	
Sample Custody Sea	ils:	Yes No N/A	Tempera	ture Reading:	5,	0ê		8	SM (5		İ									Zn Acetate+Nat	
Total Containers:		115	Corrected	d Temperature:	4.	4°C			8015M												NaOH+Ascorbio	
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH												Sample (Comments
CS-61 (3.5')	11/3/2022	1pm	X		Comp	1	х	x	x					\top	$\overline{}$						
CS-62 (3.5')	11/3/2022	1pm	x		Comp	1	×	×	x					+	+	+					
CS-63 (3.5')	11/3/2022	1pm	X		Comp	1	x	х	х					\top	+		+				
CS-64 (3.5')	11/3/2022	1pm	X		Comp	1	x	×	x			-	\rightarrow	+		+	+				
CS-65 (3.5')	11/3/2022	1pm	x		Comp	1	x	x	x		-	-		+	+	+	+				
CS-66 (3.5')	11/3/2022	1pm	×		Comp	1	×	×	×		-	-	\rightarrow	+	+	+	-				
CS-67 (3.5')	11/3/2022	1pm	x		Comp	1	x	x	X		-	_	+	+	+	+	+				
CS-68	(6')	11/3/2022	1pm	x		Comp	1	x	X	X		-	-	_	+	+	+	+				-
CS-69 (3.5')	11/3/2022	1pm	х		Comp	1	x	x	X		+	-	-	+	+	+			-		
CS-70 (3.5')	11/3/2022	1pm	x		Comp	1	X	X	X		+	+	+	+		+					
																		1				

Additional Comments:

Relinquished by: (Signature)	Received by: (Sign	nature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Kuylli	Muara Wal	If OK	11-4-22 1245	2		
3	- Caco			4		
5				6		

Chain of Custody



Work Order No: _	H22522	00 of
		7
		age

101

Project Manager:	Ethan	Sessum	IS			Bill to: (i	f different)		Wes	ley Ma	thews								W	Vork C	order	Comments	
Company Name:	NTG E	nvironm	nental			Compar	ny Name:		Deve	on Ene	rav					P	ogram	· HST/				vnfields RRC	[]
Address:	402 E	Wood A	ve			Address	3.					s High	vav					Project		FRF [_prow	mileids _RRC	uperfund
City, State ZIP:	Carlsbad, NM 88220 City, Sta 254-266-5456 Email: Wesley					aie ZIP:			sia, NN			ioj			1 1		-		vel III	The st	T/UST TRRP	□ Level IV □	
Phone:	254-26	6-5456			Email			s@dvn.	_							1			DD 🔲			PT Other:	
Project Name:		Ragi	n Cajun 13-1		Tur	n Around								ANAIN	/SIS RI	FOLIE	ст					December	Non Onder
Project Number:			226363		Routine	✓ Rus	sh	Pres. Code		T			T		O.O. IX			T	T	T		None: NO	tive Codes
Project Location		Le	ea Co. NM		Due Date:	48	3 Hr							\neg	$\overline{}$	+	+	+				Cool: Cool	DI Water: H ₂ O
Sampler's Name:		K	enny Han		TAT starts the	day receiv	red by the			MRO)	1											MeOH: Me	
PO #:		- 2	21073110		lab, if rece	eived by 4:	30pm	90	1	+	1											HCL: HC H ₂ SO ₄ : H ₂	HNO ₃ : HN NaOH: Na
SAMPLE RECEI	PT	Tem	p Blank:	Yes No	Wet Ice:	Yes	NO	eter	m	DRO	4500											H ₃ PO ₄ : HP	NaOH. Na
Received Intact:		Ye		Thermom	eter ID:		3	ram	8021B	+											Q	NaHSO ₄ : NABIS	
Cooler Custody Seals		Yes	No N/A	Correctio	n Factor:	-0.		Par	ВТЕХ	GRO	Chloride										НОГР	Na ₂ S ₂ O ₃ : NaSO	
Sample Custody Sea	ls:		No N/A		ure Reading:	50			B	9W (5		- 1									Zn Acetate+NaC	
Total Containers:			115	Corrected	Temperature:	4,	4°			801												NaOH+Ascorbic	
Sample Iden	tification	n	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH												700	Comments
CS-71 (3.5')		11/3/2022	1pm	х		Comp	1	х	x	x			\rightarrow	+	+	-	+	+		-		
CS-72 (11/3/2022	1pm	X		Comp	1.	x	x	x		\rightarrow	_	_	+	+	+	+				
CS-73 (3.5')		11/3/2022	1pm	х		Comp	1	x	х	х		\rightarrow	1	_	+	+	+	+				
CS-74 (3.5')		11/3/2022	1pm	х		Comp	1	x	x	х		\rightarrow	1	1	+	+	+	+				
CS-75 (3.5')		11/3/2022	1pm	X	-	Comp	1	x	х	х		\neg	1	_	+	+		+				
CS-76 (3.5')		11/3/2022	1pm	х		Comp	1	x	x	x		-	1	_	+	+	+	-				
CS-77	(6')		11/3/2022	1pm	х		Comp	1	x	x	x		\dashv	+		+	+	+					
CS-78 (3.5')		11/3/2022	1pm	х		Comp	1	х	x	X	-	-	+	-	+	+	+	-				
CS-79 (3.5')		11/3/2022	1pm	х		Comp	1	х	x	X	-	\rightarrow	+	_	+	+	+					
CS-80 (3	3.5')		11/3/2022	1pm	х		Comp	1	х	x	X	\rightarrow	+	-	+	+	+	+	+				
Additio	nal Con	nments											_										

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Puller	Musia War Al	11-4-22 1245	2		
3				4.		
5				6		

	1
(5-)	NIG
	ENVIRONMENTAL

Project Manager:	Ethan Ses	ssums			Bill to: (if different)		Wes	ley Ma	thews								Work C	Order	Page9_	0112
Company Name:	NTG Envi	ronmental			Compar	ny Name:			on Ene				-		Drogs	IIC					
Address:	402 E Wo	od Ave			Address	3:				0,	s Highway	,				of Proj		JPKP	Rrow	wnfields RRC	uperfund
City, State ZIP:	Carlsbad,	NM 88220			City, Sta	ate ZIP:				1 88210				\exists				III leve	Гъс	ST/UST TRRP	
Phone:	254-266-5	456		Email:		.Mathew	rs@dvn.		JIG, THE	100210				-			EDD [_		PT Other:	Take! IA [
Project Name:		Ragin Cajun 13-1			n Around													_	Abai	T Other.	
Project Number:		226363		Routine	✓ Rus		Pres. Code	1				ANA	ALYSIS	REQ	UEST	-	-	1	_	Preservati	ive Codes
Project Location		Lea Co. NM		Due Date:	45	3 Hr	Code	1	1		-	+	+	-		-	-	+-	-	None: NO	DI Water: H ₂ 0
Sampler's Name:		Kenny Han		TAT starts the				1	6								-11			Cool: Cool	MeOH: Me
PO #:		21073110		lab, if rece	eived by 4:	30pm	0		+ MRO)												HNO ₃ : HN
SAMPLE RECEI	PT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	m	+ DRO	8											NaOH: Na
Received Intact:	/	Yes No	Thermon	neter ID:	113		ram .	BTEX 8021B	+	e 4500	- 1				/ /					H ₃ PO ₄ : HP	
Cooler Custody Seals		es No N/A	Correctio	n Factor.	-0.		Ъ	X	GRC	Chloride									НОГР	NaHSO ₄ : NABIS	
Sample Custody Seal	s: Y	es No N/A	Tempera	ture Reading:	5.			P P	M.	5									1	Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:		115	Corrected	Temperature:	4.	4°			8015M (GRO											Zn Acetate+NaOH NaOH+Ascorbic A	
Sample Ident	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH											Sample Co	W at Lake
CS-81 (3	3.5')	11/3/2022	1pm	x		Comp	1	×	x	x	-	+	+		-	-	+	+			
CS-82 (3	3.5')	11/3/2022	1pm	х		Comp	1	x	x	x	-		+		-	-	+	+	-		
CS-83 (3	3.5')	11/3/2022	1pm	X		Comp	1	x	x	x		+	+		-	-	-	-			
CS-84 (3	3.5')	11/3/2022	1pm	х		Comp	1	x	x	x		+	+		-	+	+	-			
CS-85 (3	3.5')	11/3/2022	1pm	х		Comp	1	х	x	x		+	+	\vdash	-	+	-	-			
SW-1		11/3/2022	1pm	х		Comp	1	x	x	x	_	+	1		\rightarrow	+	-	-			
SW-2	2	11/3/2022	1pm	x		Comp	1	X	x	x	-	+			-	-	-				
SW-3	3	11/3/2022	1pm	х		Comp	1	х	x	x	+	+			+	-	-	-			
SW-4		11/3/2022	1pm	х		Comp	1	х	X	x	+	+	-		+	-	-	+			
SW-5		11/3/2022	1pm	x		Comp	4	X	X	x	_	-	-		-	_					

	Relinquished by: (Signature)	Received by: (Signature) /	Data/Fina	- · · · · · · ·		
1				Relinquished by: (Signature)	Received by: (Signature)	Date/Time
2	Venter	Illuara Madal de	11-4-22 1245	2		
3		9		4		
5			1			
3 -				6		



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)

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:

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)

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	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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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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	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	74.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.0	% 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 - 8 (H225228-03)

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	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	352	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	100 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	6 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 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

ma/ka

Sample ID: SW - 9 (H225228-04)

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	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	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	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 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: 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	% 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	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 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: 226363 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO NM

ma/ka

Sample ID: SW - 11 (H225228-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	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
Project Number: 226363 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 12 (H225228-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	288	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	105	% 46.3-17	78						

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Analytical Results For:

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

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

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 - 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	% 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	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113	% 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 - 14 (H225228-09)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	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		Analyzed 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	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	101 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	109 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:

Applyzod By: 14

Received: 11/04/2022

11/08/2022

ma/ka

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 - 15 (H225228-10)

Reported:

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	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	<i>'8</i>						

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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: SW - 16 (H225228-11)

Received:

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	1.87	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		Analyzed 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	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	98.7	% 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	192	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	94.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	78						

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Analytical Results For:

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

Received: 11/04/2022

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 - 18 (H225228-13)

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	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	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	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	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 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 Sample Received By: Project Number: 226363 Tamara Oldaker

Project Location: DEVON - LEA CO NM

Sample ID: SW - 19 (H225228-14)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	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	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	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

Project Location: DEVON - LEA CO NM

Sample ID: SW - 20 (H225228-15)

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	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	1800	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	98.8	% 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
Project Number: 226363 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO NM

ma/ka

Sample ID: SW - 21 (H225228-16)

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	11/07/2022	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	ed 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	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	89.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.7	% 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 - 22 (H225228-17)

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	d By: GM					
Analyte	Result Reporting Limit		Analyzed Method Blank		BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848 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	100	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 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: 226363 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO NM

ma/ka

Sample ID: SW - 23 (H225228-18)

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	1.87	93.7	2.00	8.09	
Toluene*	<0.050 0.050		11/07/2022	11/07/2022 ND		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, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	2920 16.0		11/07/2022 ND		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	% 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 - 24 (H225228-19)

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	11/07/2022	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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Celey D. Kreine



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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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: JH/

Project Location: DEVON - LEA CO NM

mg/kg

Sample ID: SW - 26 (H225228-21)

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	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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Celey D. Keene



Analytical Results For:

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

11/04/2022 11/08/2022

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 - 27 (H225228-22)

Received:

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	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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Celey D. Keine



Analytical Results For:

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

11/04/2022

ma/ka

226363

Reported: 11/08/2022

Project Name: RAGIN CAJUN 13 - 1

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 - 28 (H225228-23)

Received:

RTFY 8021R

Project Number:

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	1.87	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, SM4500Cl-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	% 46.3-17	8						

Analyzed By: 1H /

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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	/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	1.87	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, SM4500Cl-B	mg,	/kg	Analyze	d 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	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	95.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/04/2022 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 - 30 (H225228-25)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Analyzed Method Blank		% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	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	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117	% 46.3-17	<i>'</i> 8						

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Celey D. Keine



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

A	N'	C
	ENVIRO	NMENTAL

Chain of Custody

Work Order No:	Haas	28 of
		Page

Project Manager:	Ethan	Sessum	is			Bill to: (i	f different)		Wesley Mathews						Work Order Comments						0112			
Company Name:	NTG E	nvironm	nental			Compar	ny Name:			n Ene						\neg	Drog	ram: I	CT/D				vnfields RRC	
Address:	402 E	Wood A	ve			Address	-				-	rs High	way					of Pro		21 []	PRP	RLOW	InfieldsRRC	_uperfund [
City, State ZiP:	Carlsb	ad, NM	88220			City, Sta	ate ZIP:			sia, NN			ay			\neg				Пье	III lav	Гря	T/UST TRRP	
Phone:	254-26	6-5456			Email	Wesley	Mathew	s@dvn.	_	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10021					_		erables		_		ADaP		□ reveit∧ □
Project Name:		Ragi	n Cajun 13-1		Tur	n Around								ANAI	LYSIS	DEO	LICOT							
Project Number:			226363		Routine	✓ Rus		Pres. Code		T	T	T	T	AIVAI	1313	NEW	UESI						Preservative Codes	
Project Location		Le	ea Co. NM		Due Date:	48	B Hr	Code													-	-	None: NO	DI Water: H ₂ O
Sampler's Name:		K	enny Han			day received by the				MRO)													Cool: Cool	MeOH: Me
PO #.			21073110			eived by 4:3		on .		¥ ×													HCL: HC	HNO ₃ : HN
SAMPLE RECEIP	T	Terr	np Blank:	Yes No	Wet Ice:	Yes	No	Parameters	m	DRO	8												H ₂ SO ₄ : H ₂	NaOH: Na
Received Intact:		Ye	s No	Thermom	eter ID:	1/3		ram	8021B	+	4500											0	H₃PO₄: HP	
Cooler Custody Seals:		Yes	No NA	Correction	n Factor:	-000		Pa	BTEX 8	GRO	Chloride											НОГР	NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals	S:	Yes	No N/A	Temperat	ure Reading:	5.			B	M	5											-	Zn Acetate+NaO	
Total Containers:			115	Corrected	Temperature:					8015M													NaOH+Ascorbic	
Sample Identi	ification	n	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH													Sample C	
SW-6			11/3/2022	1pm	х		Comp	1	x	x	x													
SW-7			11/3/2022	1pm	х		Comp	1	x	x	x					-								
SW-8			11/3/2022	1pm	х		Comp	1	x	x	x			-			\rightarrow							
SW-9	V1 = -		11/3/2022	1pm	х		Comp	1	×	x	X						-					-		
SW-10)		11/3/2022	1pm	х		Comp	1	x	x	x		\vdash		-		-		-					
SW-11			11/3/2022	1pm	x		Comp	1	x	x	x					-	-	-	-	-		-		
SW-12	2		11/3/2022	1pm	X	7	Comp	1	x	x	x				-	-								
SW-13	3		11/3/2022	1pm	х		Comp	1	х	х	x				-	-	-	-						_
SW-14			11/3/2022	1pm	х		Comp	1	x	x	x				-	-	-	-	-					
SW-15	,		11/3/2022	1pm	х		Comp	1	х	х	х					+	+	\dashv	-					-
A -1-140																								

Additional Comments:

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	Relinquished by: (Signature)	/ Received by: (Signature) /	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
. 1	(until	Mura Vilas W	11-4-22 1245	2	Neceived by. (Signature)	Date/Time
3			75710	4		
5				6		

Released to Imaging: 8/13/2024 2:58:44 PM

Chain of Custody

Work Order No: Haasaa

Project Manager:	Ethan Sessi	ums			Bill to: (f different)		Mos	lov Mo	thews								-		10.2	SAC A		0112
Company Name:	NTG Environ	nmental			201	y Name:			on Ene						-							Comments	
	402 E Wood				Address					-	rs High	Great.					of Pro		T LP	RP [Brow	vnfields RRC	_uperfund _
City, State ZIP:	Carlsbad, NI	M 88220			City, Sta	THE RESERVE				1 8821		way			_				7	-1 00	Пъст	THIS	
	254-266-545			Email		Mathew	s@dvn.	_	sia, Niv	1 8821	0						rables:				ADaP	T/UST TRRP Other:	Level IV LI
Project Name:	Ra	agin Cajun 13-1			n Around								ANIAI	VOIO					_	=	ribui	1	
Project Number:		226363		Routine	✓ Rus		Pres.		T	T			ANAL	YSIS	REQU	JEST		-				Preservati	ive Codes
Project Location		Lea Co. NM		Due Date:		3 Hr	Code		-	+	-				-	-	-	-	-			None: NO	DI Water: H ₂ O
Sampler's Name:		Kenny Han		TAT starts the	4			1	6							- 1					1	Cool: Cool	MeOH: Me
PO #:		21073110		lab, if rec	eived by 4:	30pm		1	- MRO)													and the second second	HNO ₃ : HN
SAMPLE RECEIP	T T	emp Blank:	Yes No	Wet Ice:	Yes	No	eters	_ m	+ DRO +	9					- 1								NaOH: Na
leceived Intact:	6	Yes No	Thermom	-	113		am	BTEX 8021B	+	4500					- 1						0	H₃PO₄: HP	
cooler Custody Seals		No NA	Correction	n Factor:	-00		Pa	EX 8	8015M (GRO	Chloride								- 1			НОГР	NaHSO ₄ : NABIS	
ample Custody Seals	s: Yes	No NA	Temperat	ure Reading:		0 è		B	M	5						- 1					_	Na ₂ S ₂ O ₃ : NaSO ₃	
otal Containers:		115	Corrected	Temperature:	4,	4°																Zn Acetate+NaOl- NaOH+Ascorbic A	
Sample Ident	ification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH													Sample Co	
SW-16	6	11/3/2022	1pm	х		Comp	1	×	x	x		\rightarrow	-	-	-	-	-	-	\rightarrow	-			Carrier
SW-17	7	11/3/2022	1pm	х		Comp	1	x	X	X		-	-	-	-	+	-	-	-	-	_		
SW-18	8	11/3/2022	1pm	x		Comp	1	X	X	X			-	-	-	-	+	-	\rightarrow		-		
SW-19	9	11/3/2022	1pm	x		Comp	1	x	x	X			-	-	-	+	-	\rightarrow	-	-	_		
SW-20)	11/3/2022	1pm	X		Comp	1	X	X	X		-	-	-	-	-	-	-	-	-	-		
SW-21	1	11/3/2022	1pm	x		Comp	1	X	X	x		-	-	-	-	-	\rightarrow	-	-	-			
SW-22	2	11/3/2022	1pm	x		Comp	1	X	×	X		-	\rightarrow	-	-	-	-	-	-	-			
SW-23	3	11/3/2022	1pm	x		Comp	1	X	x	X	-	-	-	-	+	+	+	-	-+	-			
SW-24	1	11/3/2022	1pm	x		Comp	1	x	x	X		+	-	-	+	+	-	-	-	-	_		
SW-25	j	11/3/2022	1pm	х		Comp	1	X	X	X		-	+	+	+	+	+	+	-	-			
Addition	al Common	to				- 1																	

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Relinquished by: (Signature)	/ Received by (\$ignature)/	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Kught	Hurara Wildanser	11-4-22 1245		riccorred by. (digitature)	Date/Time
3			4		
5			6		

Chain of Custody

Work Order No: Haasaa

																					2000 12	-6 40
Project Manager:	Ethan Ses	ssums			Bill to: (i	f different)		Wes	ley Ma	thews								V	Mork (Jedos	Comments	of12
Company Name:	NTG Envi	ronmental			Compar	ny Name:		Deve	on Ene	irav						rogram	TIST				vnfields RRC	П г
Address:	402 E Wo	od Ave			Address	5:				-	rs High	wav				ate of			FRF [brow	vintieldsRRC	_uperfund [
City, State ZIP:	Carlsbad,	NM 88220			City, Sta	ate ZIP:			sia, NN						\rightarrow Γ				evel III	Грег	T/UST TRRP	□ Level IV □
Phone:	254-266-5	456		Email	Wesley	Mathew	s@dvn.	_										DD [ADaP		□ reveity □
Project Name:		Ragin Cajun 13-1		Tur	n Around								ΑΝΔΙ	YSIS	REQUE	eT.					D	
Project Number:		226363		Routine	✓ Rus	ih	Pres. Code				T		AIVAL	1013	ILCOL	.51	1	T		1		tive Codes
Project Location		Lea Co. NM		Due Date:	48	ВНг	-									+	+	+	+		None: NO	DI Water: H ₂ O
Sampler's Name:		Kenny Han		TAT starts the	day receiv	ed by the			MRO)												Cool: Cool	MeOH: Me
PO #:		21073110			eived by 4:3		90	1	¥												HCL: HC	HNO ₃ : HN
SAMPLE RECEIF	PT	Temp Blank:	Yes No	Wet Ice:	Yes	NO	Parameters	m	DRO	8				- 1							H ₂ S0 ₄ : H ₂	NaOH: Na
Received Intact:		Yes No	Thermon	neter ID:	1/3	_	ram	8021B	+	6 45										0	H ₃ PO ₄ : HP	
Cooler Custody Seals		es No N/A	Correctio	n Factor:	-0.		Pa	BTEX (GRO	Chloride 4500										НОГР	NaHSO ₄ : NABIS	
sample Custody Seal	s: Y	es No NA	Tempera	ture Reading:	5.	00		B	-	5									1	-	Na ₂ S ₂ O ₃ : NaSO ₃	
otal Containers:		115	Corrected	Temperature:	4	4 %			8015M												Zn Acetate+NaO NaOH+Ascorbic	
Sample Ident	ification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН												Sample C	
SW-2	6	11/3/2022	1pm	x		Comp	1	x	x	x				-	_	+	+	+				
SW-2	7	11/3/2022	1pm	X		Comp	1	×	x	x				-	-	+	+	+	-			
SW-2	8	11/3/2022	1pm	X		Comp	1	×	x	x			-	-	-	+	+	+	\vdash			
SW-29	9	11/3/2022	1pm	X		Comp	1	×	×	×		-	-	-		+	+	-	\vdash			
SW-30)	11/3/2022	1pm	х		Comp	1	x	x	X		-+	\rightarrow	\rightarrow	-	+	+	+	\vdash			
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Additional Comments:

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3	Relinquished by: (Signature)	/ Received by: (Signature)	D-t-m			
2			Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
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3 3	3	San de Care				
				4		
3 [6		
2						



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

Applyzod By: 14

Project Location: DEVON - LEA CO NM

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

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	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	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	<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: 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: Sample Received By: 226362 (7.21.22) 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, 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	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:

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 - 22 (4.5') (H225719-04)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 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	<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

Applyzod By: 14

Project Location: DEVON - LEA CO NM

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

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	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	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	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: JH

Project Location: DEVON - LEA CO NM

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

BTEX 8021B

DILX GOZID	ıııg,	ng .	Allulyzo	.u by. 511					
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	Analyze	ed 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	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	68.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	72.8	% 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: 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 - 26 (8') (H225719-07)

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	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 (P.	ID 101	% 69.9-14	10						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	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	64.1	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	68.6	% 46.3-17	78						
Surrogate: 1-Chlorooctadecane	68.6	% 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: 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 - 28 (4.5') (H225719-08)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 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	96.0	16.0	12/07/2022	ND	432	108	400	3.64	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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		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	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		Analyzed 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	% 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

Reporting Limit 0.050 0.050 0.050	Analyzed 12/07/2022 12/07/2022	Method Blank	BS 2.10	% Recovery	True Value QC	RPD	Qualifier
0.050		ND	2.10				
	12/07/2022			105	2.00	1.86	
0.050		ND	2.19	110	2.00	0.562	
0.050	12/07/2022	ND	2.17	109	2.00	1.55	
0.150	12/07/2022	ND	6.71	112	6.00	1.82	
0.300	12/07/2022	ND					
% 69.9-14	0						
/kg	Analyzed By: AC						
Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16.0	12/07/2022	ND	432	108	400	3.64	
/kg	Analyzed By: MS						
Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
10.0	12/07/2022	ND	187	93.4	200	6.35	
10.0	12/07/2022	ND	196	98.2	200	5.52	
10.0	12/07/2022	ND					
64.5 % 45.3-16.							
0/ 462.17	R						
	10.0 10.0 10.0 10.0	Reporting Limit Analyzed 10.0 12/07/2022 10.0 12/07/2022 10.0 12/07/2022 1% 45.3-161	Reporting Limit Analyzed Method Blank 10.0 12/07/2022 ND 10.0 12/07/2022 ND 10.0 12/07/2022 ND 45.3-161	Reporting Limit Analyzed Method Blank BS 10.0 12/07/2022 ND 187 10.0 12/07/2022 ND 196 10.0 12/07/2022 ND	Reporting Limit Analyzed Method Blank BS % Recovery 10.0 12/07/2022 ND 187 93.4 10.0 12/07/2022 ND 196 98.2 10.0 12/07/2022 ND 196 98.2 1% 45.3-161	Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 10.0 12/07/2022 ND 187 93.4 200 10.0 12/07/2022 ND 196 98.2 200 10.0 12/07/2022 ND 196 45.3-161	Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 10.0 12/07/2022 ND 187 93.4 200 6.35 10.0 12/07/2022 ND 196 98.2 200 5.52 10.0 12/07/2022 ND

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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 - 32 (4.5') (H225719-11)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	160	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	79.3	% 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	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	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

12/08/2022

Reported: 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 - 39 (4.5') (H225719-13)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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

Applyzod By: 14

Project Location: DEVON - LEA CO NM

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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 Sample Received By: Project Number: 226362 (7.21.22) Shalyn Rodriguez

Project Location: DEVON - LEA CO NM

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

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	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	Analyzed 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	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	77.4	% 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	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	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	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

Analyzed By: JH

Project Location: DEVON - LEA CO NM

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

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	2.10	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	d 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	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	85.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.8	% 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 - 48 (4.5') (H225719-18)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 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	84.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.2	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

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, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	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 9	% 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

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	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	89.7	% 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:

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 - 56 (4.5') (H225719-21)

Received:

RTFY 8021R

BIEX 8021B	mg	кg	Anaiyze	a 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	% 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	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	85.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.7	% 46.3-17	8						

Applyzod By: MC

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Analytical Results For:

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

Fax To:

Received: 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 - 57 (4.5') (H225719-22)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	80.0	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	88.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.9	% 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: MC

Project Location: DEVON - LEA CO NM

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	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	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

Applyzod By: MC

Project Location: DEVON - LEA CO NM

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, 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	<i>'8</i>						

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Analytical Results For:

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

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 - 64 (4.5') (H225719-25)

Received:

RTFY 8021R

Result <0.050	Reporting Limit	Analyzed	Method Blank	BS	0/ Doggvom/	T 1/1 00		
<0.050				D3	% Recovery	True Value QC	RPD	Qualifier
	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					
110 9	% 69.9-14	0						
mg/	'kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
64.0	16.0	12/07/2022	ND	416			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	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					
86.0	% 45.3-16	1						
92.8	% 46.3-17	8						
	<0.150 <0.300 110 9 mg/ Result 64.0 mg/ Result <10.0 <10.0 <86.0 9	<0.150 0.150 <0.300 0.300 110	<0.150	<0.150	<0.150	<0.150 0.150 12/07/2022 ND 6.47 108 <0.300 0.300 12/07/2022 ND 6.47 108 110 % 69.9-140 ND ND ND ND Result Recovery 64.0 16.0 12/07/2022 ND 416 ND ND Recovery Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	<0.150 0.150 12/07/2022 ND 6.47 108 6.00 110 % 69.9-140 ND 6.47 108 6.00 110 % 69.9-140 ND Analyzed ND 4 Percentage of the color of t	<0.150

Applyzod By: MC

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Analytical Results For:

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

Received: 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 - 65 (4.5') (H225719-26)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 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	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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with Sigh



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 - 66 (4.5') (H225719-27)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 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						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Chain of Custody



Work Order No: 11825719-1-27

Project Manager:	Ethan S	Sessums				Bill to: (if	different)		Wesle	ey Mat	news							Wo	ork Ord	der (Comments	
Company Name:	NTG E	nvironme	ntal			Company	y Name:		Devo	Ener	9у					Progra	am: UST/	PST P	RP B	row	nfields RRC	uperfund
Address:	402 E \	Wood Ave	9			Address:			6488	Seven	Rivers	Hwy				State	of Projec	t:				
City, State ZIP:	Carlsba	ad, NM 88	3220			City, Stat	te ZIP:		Artesi	a, NM	88210					Report	ting:Level	II Lev	el III	PST	T/UST TRRP	Level IV
Phone:	254-26	6-5456			Email	Wesley	Mathews	@dvn.co	om							Delive	rables: E	DD 🗆	Α	DaP	T Other:	
Project Name:	R	agin Caju	n 13-1 (7.21	1.22)	Tur	n Around							A	NALYS	S REC	QUEST	STUE				Preserva	tive Codes
Project Number:		2	26362		Routine	✓ Rush	1	Pres. Code													None: NO	DI Water: H ₂ C
Project Location		Edd	y Co. NM		Due Date:	48	Bhr														Cool: Cool	MeOH: Me
Sampler's Name:		Jord	an Tyner		TAT starts the				1	MRO)											HCL: HC	HNO ₃ : HN
PO #:		21	053206		lab, if rece	eived by 4:3	0pm	2		+			- 1								H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECEI	PT	Temp	Blank:	Yes (No	Wet Ice:	Yes	(No)	nete	8	DRC	200										H ₃ PO ₄ : HP	
Received Intact:		\rightarrow	No	Thermome	eter ID:	#113		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO	Chloride 4500									HOLD	NaHSO ₄ : NABIS	3
Cooler Custody Seal				Correction	Factor:	-0.		۵	TEX	(GF	hlori									ĭ	Na ₂ S ₂ O ₃ : NaSO	3
Sample Custody Sea	ls:	Yes (N			ure Reading:	-12	-			15M	5										Zn Acetate+Nac	
Total Containers:		2	27	Corrected	Temperature:	-ia	، ال			В Н											NaOH+Ascorbio	Acid: SAPC
Sample Iden	tification	n	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP											Sample	Comments
CS-10 (4.5')		12/5/2022		X		Comp	1	X	X	X											
CS-20 (4.5')		12/5/2022		X		Comp	1	Х	Х	Х											
CS-21 (4.5')		12/5/2022		X		Comp	1	X	X	X											
CS-22 (4.5')		12/5/2022		X		Comp	1	X	X	X										7	
CS-23 (4.5')		12/5/2022		X		Comp	1	Х	Х	Х											
CS-24 (4.5')		12/5/2022		X		Comp	1	X	X	Х											
CS-26	(8')		12/5/2022		X		Comp	1	X	X	X											
CS-28 (4.5')		12/5/2022		Х		Comp	1	X	X	X											
CS-29 (4.5')		12/5/2022		Х		Comp	1	Х	Х	Х											
CS-31	(8')		12/5/2022		X		Comp	1	Х	Х	Х											

CS-23 (4.5') 12/5/2022 X Comp 1 X X X X Comp 1 X X X X CS-24 (4.5') 12/5/2022 X Comp 1 X X X X CS-26 (8') 12/5/2022 X Comp 1 X X X X CS-28 (4.5') 12/5/2022 X Comp 1 X X X X CS-28 (4.5') 12/5/2022 X Comp 1 X X X X Comp 1 X X X X CS-29 (4.5') 12/5/2022 X Comp 1 X X X X CS-29 (4.5') 12/5/2022 X Comp 1 X X X X Comp 1 X X X X CS-29 (4.5') CS-31 (8') Additional Comments: Relinquished by: (Signature) Received by: (Signature) Received by: (Signature) Received by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature) Date/Time																				
CS-26 (8') 12/5/2022 X Comp 1 X X X X CS-29 (4.5') 12/5/2022 X Comp 1 X X X X CS-29 (4.5') 12/5/2022 X Comp 1 X X X X CS-29 (4.5') 12/5/2022 X Comp 1 X X X X CS-31 (8') 12/5/2022 X Comp 1 X X X X Comp 1 X X X X CS-31 (8') Additional Comments: Relinquished by: (Signature) Received by: (Signature) Date/Time	CS-23 (4.5')	12/5/2022	X	Comp	1	Х	X	X												
CS-28 (4.5') CS-29 (4.5') 12/5/2022 X Comp 1 X X X X CS-29 (4.5') 12/5/2022 X Comp 1 X X X X CS-29 (4.5') CS-31 (8') 12/5/2022 X Comp 1 X X X X Comp 1 X X X X CS-29 (4.5') Additional Comments: Relinquished by: (Signature) Received by: (Signature) Date/Time	CS-24 (4.5')	12/5/2022	X	Comp	1	X	X	X												
CS-29 (4.5') CS-31 (8') 12/5/2022 X Comp 1 X X X X Additional Comments: Additional Comments: Otice: 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 are 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 for Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature) Date/Time	CS-26 (8')	12/5/2022	X	Comp	1	X	X	X												
Additional Comments: Additional Comments: Detice: 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 (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 Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature) Date/Time	CS-28 (4.5')	12/5/2022	X	Comp	1	X	X	X												
Additional Comments: CS-29 (4.5')	12/5/2022	X	Comp	1	Х	Х	Х													
Additional Comments: otice: 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 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 fixenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature) Date/Time	CS-31 (8')	12/5/2022	X	Comp	1	Х	X	Х												
	f service. Xenco will be liable only for the f Xenco. A minimum charge of \$85.00 w	he cost of samples and shall no vill be applied to each project a	t assume any responsibility and a charge of \$5 for each s	y for any losses o	to Xenco,	s incurre but not	ed by the analyzed	client i	f such los terms wi	ises are Il be enf	due to ci orced un	rcumsta less prev	nces bey viously n	ond the	control d.	oy: (Si	ignatu	re)		Date/Tim
	prosen				12/1e	22	113		2											
									0										Revised Da	te 05012020 R



Work Order No: 1325719-1-27

																				Page	2 of3
Project Manager:	Ethan	Sessum	s			Bill to: (if	different)		Wesle	ey Mat	hews							Work	Order	Comments	
Company Name:	NTG	Environm	ental			Compan	y Name:		Devo	n Ener	у у					Program:	UST/PST	PRP	Brov	vnfields RRC	_uperfund [
Address:	402 E	Wood A	ve			Address			6488	Seven	Rivers	Hwy				State of P	roject:				
City, State ZIP:	Carlst	ad, NM 8	88220			City, Sta	te ZIP:		Artesi	ia, NM	88210					Reporting:	Level II	Level III	□ s	T/UST TRRP	Level IV
Phone:	254-2	66-5456			Email:	Wesley	Mathews	@dvn.c	om							Deliverable	s: EDD		ADaf	Other	:
Project Name:	F	Ragin Caj	jun 13-1 (7.21	.22)	Turi	n Around							AN	IALYSI	SREC	QUEST				Preserva	ative Codes
Project Number:			226362		Routine	✓ Rus	h	Pres. Code												None: NO	DI Water: H ₂ O
Project Location		Ed	dy Co. NM		Due Date:	48	Bhr													Cool: Cool	MeOH: Me
Sampler's Name:		Joi	rdan Tyner		TAT starts the					MRO)										HCL: HC	HNO ₃ : HN
PO #:		2	21053206		lab, if rece	eived by 4:3	0pm	2		+										H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECE	IPT	Ten	p Blank:	Yes No	Wet Ice:	Yes	(No)	Parameters	6	DRO	4500									H ₃ PO ₄ : HP	
Received Intact:		(Ye		Thermom	eter ID:	#11	_	arar	802	GRO +	de 4								HOLD	NaHSO ₄ : NAB	S
Cooler Custody Sea		Yes	_	Correction		_	الفاد	4	BTEX 8021B	9	Chloride								Ĭ	Na ₂ S ₂ O ₃ : NaSo	O_3
Sample Custody Se	als:	Yes (ure Reading:	-19				8015M (0									Zn Acetate+Na	
Total Containers:			27	Corrected	Temperature:	-12.	_			Н 80										NaOH+Ascorb	c Acid: SAPC
Sample Ide	ntificati	on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH										Sample	Comments
CS-32	(4.5')		12/5/2022		X		Comp	1	Х	Х	Х										
CS-38	(4.5')		12/5/2022		X		Comp	1	Х	Х	Х										
CS-39	(4.5')		12/5/2022		X		Comp	1	X	X	X										
CS-40	(8')		12/5/2022		Х		Comp	1	Х	Х	X										
CS-44	1 (3')		12/5/2022		Х		Comp	1	Х	Х	Х										
CS-46	(4.5')		12/5/2022		Х		Comp	1	Х	Х	Х										
CS-47	(4.5')		12/5/2022		X		Comp	1	X	Х	X										
CS-48	(4.5')		12/5/2022		X		Comp	1	X	Х	Х										
CS-49	9 (8')		12/5/2022		X		Comp	1	X	Х	Х										
CS-51	(3')		12/5/2022		X		Comp	1	X	Х	Х										
Additi	onal C	omments	s:																		

CS-32 (4.5')	12/5/2022		X		Comp	1	Х	Х	Х														Т
CS-38 (4.5')	12/5/2022		X		Comp	1	Х	Х	Х											\top			_
CS-39 (4.5')	12/5/2022		X		Comp	1	Х	Х	X											\top			
CS-40 (8')	12/5/2022		Х		Comp	1	Х	Х	X											1			
CS-44 (3')	12/5/2022		X		Comp	1	Х	Х	Х											\top			_
CS-46 (4.5')	12/5/2022		X		Comp	1	X	Х	Х											\top			_
CS-47 (4.5')	12/5/2022		X		Comp	1	Х	Х	Х											\neg			
CS-48 (4.5')	12/5/2022		Х		Comp	1	X	Х	Х											1			_
CS-49 (8')	12/5/2022		X		Comp	1	X	Х	X											\neg			_
CC E1 (21)	10/0/0000						_				_	_	_	_	-	\rightarrow	-	_	_	\rightarrow			_
CS-51 (3') Additional Comment	12/5/2022 ts:		X		Comp	1	X	Х	Х														_
Additional Comment otice: Signature of this document and relin is service. Xenco will be liable only for the of ixenco. A minimum charge of \$85.00 will to Relinquished by: (Signature)	quishment of samp	shall not assu project and a cl	s a valid purchas	sibility for a	om client com	to Xenco,	Kenco, it	s affilial ed by th analyze	es and	if such l e terms	osses a	are due t enforced	o circui d unless	mstance s previou	usly neg	nd the c gotiated	ontrol .	ed by:	(Sign	ature	2)	Date/Ti	
Additional Commentation of the Commentation of	quishment of samp cost of samples and be applied to each p	shall not assuroject and a cl	s a valid purchas ume any respons harge of \$5 for e by: (Signatu	sibility for a	om client com	to Xenco,	Kenco, it s incurre but not	s affilial ed by th analyze	es and e client d. These	if such l e terms	osses a	are due t	o circui d unless	mstance s previou	usly neg	nd the c gotiated	ontrol	ed by:	(Sign	ature)	Date/Ti	im
Additional Commentation of the Commentation of	quishment of samp	shall not assuroject and a cl	s a valid purchas ume any respons harge of \$5 for e by: (Signatu	sibility for a	om client com	to Xenco,	Kenco, it s incurre but not	s affilial ed by th analyze	es and	if such l e terms	osses a	are due t enforced	o circui d unless	mstance s previou	usly neg	nd the c gotiated	ontrol .	ed by:	(Sign	ature	·)	Date/Ti	in



Work Order No: #225719-1-27

Project Manager:	Ethan S	essums			Bill to: (if	different)		Wesle	y Math	news							Work	Order	Comments	
Company Name:	NTG En	vironmental			Company	Name:		Devor	Energ	ЗУ				Pr	ogram: l	JST/PST	PRP	Brow	vnfields RRC	_uperfund [
Address:	402 E W	lood Ave			Address:			6488	Seven	Rivers	Hwy			St	ate of Pr	oject:				
City. State ZIP:	Carlsbac	d, NM 88220			City, Stat	e ZIP:		Artesi	a, NM	88210				Re	eporting:L	evel II	Level I	□ Des	T/UST TRRP	Level IV
hone:	254-266	-5456		Email:	Wesley	Mathews	@dvn.c	om						De	eliverable	s: EDD		ADaF	PT Other:	
roject Name:	Ra	gin Cajun 13-1 (7.2	1.22)	Turr	Around			7				ANA	LYSIS	REQUE	ST				Preserva	tive Codes
roject Number:		226362		Routine	✓ Rush	1	Pres. Code												None: NO	DI Water: H ₂ O
roject Location		Eddy Co. NM		Due Date:	48	Bhr													Cool: Cool	MeOH: Me
ampler's Name:		Jordan Tyner		TAT starts the					MRO)										HCL: HC	HNO ₃ : HN
PO #:		21053206		lab, if rece	eived by 4:3	0pm	STO		+										H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECE	IPT	Temp Blank:	Yes No	_		(No)	met	8021B	+ DRO	4500									H ₃ PO ₄ : HP	
Received Intact:		(Yes) No	Thermon		#11		Parameters	8 X	GRO	ride								HOLD	NaHSO ₄ : NABI	
cooler Custody Sea cample Custody Sea		Yes No N/A Yes No N/A	Correctio	ture Reading:	-18	اله د		втех	M (G	Chloride								-	Zn Acetate+Na	
otal Containers:	dis.	27		Temperature:		10°C			8015M (NaOH+Ascorbi	c Acid: SAPC
Sample Ide	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH										Sample	Comments
CS-56	(4.5')	12/5/2022		X		Comp	1	X	X	Х										
CS-57	(4.5')	12/5/2022		X		Comp	1	X	Х	Х										
CS-58	(4.5')	12/5/2022		X		Comp	1	X	X	Х										
CS-61	(4.5')	12/5/2022		X		Comp	1	X	Х	X										
CS-64	(4.5')	12/5/2022		X		Comp	1	X	X	Х										
CS-65	(4.5')	12/5/2022		X	-	Comp	1	X	Х	X										
CS-66	(4.5')	12/5/2022	-	×		Comp	1	X	X	Х	-	+			-		-	+		
												+						-		

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 25655	Soldvionie	12/10/22 1/31	2		
3	Direction of		4		
5			6		

Released to Imaging: 8/13/2024 2:58:44 PM



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:

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 67 (4.5')	H225718-01	Soil	05-Dec-22 00:00	06-Dec-22 11:31
CS - 71 (4.5')	H225718-02	Soil	05-Dec-22 00:00	06-Dec-22 11:31
CS - 72 (4.5')	H225718-03	Soil	05-Dec-22 00:00	06-Dec-22 11:31
CS - 73 (4.5')	H225718-04	Soil	05-Dec-22 00:00	06-Dec-22 11:31
CS - 74 (4.5')	H225718-05	Soil	05-Dec-22 00:00	06-Dec-22 11:31
CS - 75 (4.5')	H225718-06	Soil	05-Dec-22 00:00	06-Dec-22 11:31
CS - 76 (4.5')	H225718-07	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 31	H225718-08	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 32	H225718-09	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 33	H225718-10	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 34	H225718-11	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 35	H225718-12	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 36	H225718-13	Soil	05-Dec-22 00:00	06-Dec-22 11:31
SW - 37	H225718-14	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 - 39	H225718-16	Soil	05-Dec-22 00:00	06-Dec-22 11:31
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 - 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. 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 - 67 (4.5') H225718-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	224		16.0	mg/kg	4	2120719	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds l	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 (PID))		110 %	69.9	-140	2120614	JH/	07-Dec-22	8021B	
Petroleum Hydrocarbons by C	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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Celeg 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

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	l Labora	tories					
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	TD)		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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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

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	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)		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	2-178	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	l Labora	tories					
Inorganic Compounds										
Chloride	16.0		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	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)			108 %	69.9	0-140	2120631	MS	07-Dec-22	8021B	
Petroleum Hydrocarbons by G	C 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	R-161	2120633	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			97.1 %	46.3	2-178	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 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	0-140	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	2-161	2120633	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			93.6 %	46.3	2-178	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 - 75 (4.5') H225718-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	176	·	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	<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 (Pi	TD)		107 %	69.9	0-140	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	2-178	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

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	2120719	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds by I	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)			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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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 - 31 H225718-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	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 (PIL	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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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	l 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	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)			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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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 - 33 H225718-10 (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)		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			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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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
			Cardin	al Laborat	tories					
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)		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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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 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			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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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	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)		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	l Laborat	ories					
Inorganic Compounds										
Chloride	304		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)			108 %	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			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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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 - 38 H225718-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	256		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)		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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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 - 39 H225718-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Labora	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 (PL	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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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 - 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	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			93.2 %	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 - 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 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)		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:

SW - 42 H225718-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	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))		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			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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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	ЈН/	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 Go	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			91.6 %	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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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 - 44 H225718-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	64.0		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 (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



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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 - 45 H225718-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	96.0		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)		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			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:

Reported: 21-Dec-22 12:32

SW - 46 H225718-23 (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)		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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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 1	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:

SW - 48 H225718-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	160		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			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:

SW - 49 H225718-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2120724	AC	07-Dec-22	4500-Cl-B	
Volatile Organic Compounds by	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 Go	C 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	-161	2120636	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			85.8 %	46.3	-178	2120636	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 - 50 H225718-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	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 GC	C 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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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:

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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%REC

Limits

89.1-124

69.9-140

10.8

98.0

107

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:

Reporting

Limit

Result

5.88

0.0534

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Units

Blank (2120614-BLK1)				Prepared & Analy	yzed: 06-Dec-22	2			
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)	0.0550		mg/kg	0.0500	110	69.9-140			
LCS (2120614-BS1)				Prepared & Analy	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 & Analy	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	

Batch 2120629 - Volatiles

Surrogate: 4-Bromofluorobenzene (PID)

Total Xylenes

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	

mg/kg

mg/kg

6.00

0.0500

0.150

Cardinal Laboratories

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13.4

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Celey D. Keene

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:

Reporting

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2120629 - Volatiles										
Blank (2120629-BLK1)				Prepared: ()6-Dec-22 A	Analyzed: ()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: (06-Dec-22 A	Analyzed: (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: (06-Dec-22 A	Analyzed: (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			
Batch 2120631 - Volatiles										
Blank (2120631-BLK1)				Prepared: (06-Dec-22 A	Analyzed: ()7-Dec-22			
Renzene	ND	0.050	ma/ka							

Blank (2120631-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		
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. Keene

Celey D. Keene, Lab Director/Quality Manager



%PEC

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

Snika

Reported: 21-Dec-22 12:32

DDD

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 <i>A</i>	Analyzed: 0	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: 0	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. 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 2120633 - General Prep - Organics										
Blank (2120633-BLK1)				Prepared: ()6-Dec-22 A	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 &	: 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 &	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 A	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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%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:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

		Reporting		Spike	Source		/OKEC		KrD	
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: I-Chlorooctadecane	60.0		mg/kg	50.0		120	46.3-178			
LCS Dup (2120635-BSD1)				Prepared: (06-Dec-22 A	Analyzed: (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: 0	06-Dec-22 A	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	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: 0	06-Dec-22 A	Analyzed: (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			
Total TPH C6-C28	383	10.0	mg/kg	400		95.8	77.5-124			
Surrogate: 1-Chlorooctane	44.5		mg/kg	50.0		89.1	45.3-161			
Surrogate: 1-Chlorooctadecane	51.3		mg/kg	50.0		103	46.3-178			

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



%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

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. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 38 of 41

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Work O	rder No: #33	57	18.	1-0
	Page	1_	of_	_3

Project Manager:	Ethan	Sessums				Bill to: (if o	different)		Wesle	y Math	news					41	L			Work	Orde	r Cor	mments		
Company Name:	NTGE	nvironme	ntal			Company	Name:		Devor	Energ	ду					41	Progra	m: US1	T/PST	PRP	Bro	wnfie	elds RR	C _upe	rfund 🗌
Address:	402 E	Wood Ave	е			Address:			6488	Seven	Rivers	Hwy				- 1 1	State of Project:								
City, State ZIP:	Carlsb	ad, NM 88	3220			City, Stat	e ZIP:		Artesi	a, NM	88210				Reporting:Level II Level III PST/UST RRP Level						rel IV L				
Phone:	254-26	6-5456			Email:	Wesley	Mathews	@dvn.co	<u>com</u>								Deliverables: EDD ☐ ADaPT ☐ Other:						er:		
Project Name:	R	agin Caju	in 13-1 (9.13	3.22)	Turi	rn Around			ANALYSIS I							REQ	REQUEST					Preservative Codes			
Project Number:			26363		Routine	✓ Rush	1	Pres. Code												_	\perp	No	one: NO	DI Wa	ter: H ₂ O
Project Location		Edd	y Co. NM		Due Date:	48	thr			6												17.	ool: Cool	MeOH	200
Sampler's Name:			TAT starts the	day receive				+ MRO)												100	CL: HC 2S0 ₄ : H ₂	HNO ₃ : NaOH:			
PO #: SAMPLE RECE	IPT		Blank:	Yes No	Wet Ice:	Yes	(No)	eters	Parameters EX 8021B GRO + DRO		4500											Н	PO ₄ : HP		
Received Intact:		Yes		Thermom	- 2		を#113	aran													HOLD	Na	aHSO ₄ : NAI		
Cooler Custody Sea	ody Seals: Yes No N/A Tempera		Correction	n Factor:	- 0.lec		4	втех	_	Chloride										1 =	1	a ₂ S ₂ O ₃ : Nas			
Sample Custody Sea				ure Reading:	-13			-	8015M	0							- 1					n Acetate+N aOH+Ascor		APC	
Total Containers:			27 Corrected		Temperature:	-ia.ui						8 H												IN	JUHTASCOI
Sample Ide	ntificatio	on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН												1	Sample	e Comme	ents
CS-67	(4.5')		12/5/2022		×		Comp	1	Х	Х	Х														
CS-71	(4.5')		12/5/2022		X		Comp	1	X	X	Х											1			
CS-72	(4.5')		12/5/2022		X		Comp	1	X	X	X									_	_	_			
CS-73	(4.5')		12/5/2022		X		Comp	1	X	X	Х								_	_	_	_			
CS-74	(4.5')		12/5/2022		X		Comp	1	X	X	X											_			
CS-75	(4.5')		12/5/2022		X		Comp	1	X	X	X										_	_			
CS-76	(4.5')		12/5/2022		X		Comp	1	X	X	X								_		_	_			
SW-	10 3	100	12/5/2022		X		Comp	1	X	X	X								_		-	-			
SW-	19 3	axor	12/5/2022		X		Comp	1	X	Х	X								_		_	1			
SW-	20 3	3/2/2	12/5/2022		X		Comp	1	X	X	X														
A -1 -1:41	onal C	ommonto												_		00	1-	1							

requested sample In changes. Sol

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
MATE	Stadioner	12/4/22 1/31	2		
3	0		4		
5			6		

Released to Imaging: 8/13/2024 2:58:44 PM

	NITO
4	MIC-
18	14 1 0
	ENVIRONMENTAL

Chain of Custody

Page 40 of 41 Work Order No: #225718-

Dono	2	of	3
Page _		_ 01 _	

Desired Manager	Ethe	an Sessums				Bill to: (if o	lifferent)		Wesle	y Math	news								Wor	k Ord	er C	Comments			
Project Manager:		6 Environme				Company			Devon	Enero	av .					Prog	Program: UST/PST PRP Brownfields RRC uperfund								
Company Name:						Address:	Taumot		6488			Hwy				State of Project: Reporting:Level II Level III PST/UST TRRP Level IV									
Address:	-	E Wood Av	C Salara			City, Stat	o 71D-		Artesia																
City, State ZIP:		Isbad, NM 8	8220			Wesley!		@dyn c		2, 14141	00210					Deliverables: EDD ☐ ADaPT ☐ Other:									
Phone:	254	-266-5456			Email:	vvesleyi	viatnews	(Wavii.C	OIII		-				320272							Preservati	un Cadas		
Project Name:		Ragin Caj	un 13-1 (9.13	3.22)	Turn	Around		Pres.					- /	ANALY	/SIS R	EQUES	T			-					
Project Number:			226363		Routine	✓ Rush	1	Code					_	_	_	-	-	-	-	-	-	101101111111111111111111111111111111111	DI Water: H ₂ O		
Project Location		Edd	dy Co. NM		Due Date:	48	hr			_													MeOH: Me		
Sampler's Name:		Jor	dan Tyner					day received by the				MRO)													HNO ₃ : HN NaOH: Na
PO #:		2	1073110		lab, if rece	eived by 4:3	0pm	STS	2														NaOn. Na		
SAMPLE RECE	EIPT	Tem	p Blank:	Yes No		Yes	No	net	8021B	DRO.	4500											H ₃ PO ₄ : HP			
Received Intact:		Ye	s No	Thermom	neter ID:	#113		ara	(80	GRO		1									0	NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃			
Cooler Custody Sea	als:	_	No N/A	Correctio	n Factor:		lec	а.	втех		Chloride											Zn Acetate+NaO			
Sample Custody Se	eals:	Yes	No N/A	-	ture Reading:	-12			-	8015M	0											NaOH+Ascorbic			
Total Containers:		27 Corrected		d Temperature:	-12.	_		4	TPH 80												140117100000				
Sample Ide	entific	ation 20 32	Date	Time	Soil	Water	Grab/ Comp	# of Cont		T.												Sample C	omments		
SW	/-21	-34	12/5/2022		X		Comp	1	X	Х	X						_			-	_				
SW	1-22	35	12/5/2022		X		Comp	1	X	Х	X						-			_					
SW	V -23	360	12/5/2022		X		Comp	1	X	X	X									_					
SW	V-27	37	12/5/2022		X		Comp	1	X	X	X									-			_		
SW	V -30	38	12/5/2022		X		Comp	1	X	X	X									_					
SW	V -31	39	12/5/2022		X		Comp	1	X	X	X									_					
SW	V -32	40	12/5/2022		Х		Comp	1	X	Х	Х														
SW	V -33	41	12/5/2022		X		Comp	1	X	Х	Х														
SW	V -34	42	12/5/2022		X		Comp	1	X	X	X														
SW	V- 35	43	12/5/2022		X		Comp	1	X	X	X														

Additional Comments:	requested	Sample	TO	change	25.88	190129
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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
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			6		Day Street Date 050112020 Page 1

Released to Imaging: 8/13/2024 2:58:44 PM

Project Manager:

Company Name:

City, State ZIP:

Project Name:

Project Number:

Address:

Phone:

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	ENVIRONMENTAL

Ethan Sessums

NTG Environmental

Carlsbad, NM 88220

Ragin Cajun 13-1 (9.13.22)

226363

402 E Wood Ave

254-266-5456

Chai	n of	Cust	tody
Chai	U OI	Cus	louy

Wesley Mathews

6488 Seven Rivers Hwy

ANALYSIS REQUEST

Artesia, NM 88210

Devon Energy

Work Order No:	H88578-1-2 17
Work Order C	Page _ 3 _ of _ 3 _ earners
Program: UST/PST PRP Brown	
State of Project: Reporting:Level II Level III ST Deliverables: EDD ADaP	//UST TRRP Level IV
HEST	Preservative Codes

None: NO

Cool: Cool

DI Water: H₂O

MeOH: Me

Project Location	Edd	ly Co. NM		Due Date:	48	hr			6				- 1	- 1		- 1	1 1		- 1	HCL: HC HNO ₃ : HN
Sampler's Name: Jordan Tyner PO #: 21073110		TAT starts the day received by the					MRO)					- 1	- 1		1 1		1	H ₂ S0 ₄ : H ₂ NaOH: Na		
			lab, if received by 4:30pm			S S		0	_									-	H ₃ PO ₄ : HP	
SAMPLE RECEIP	T Tem	p Blank:	Yes No	Wet Ice:	(Yes		met	8021B	+ DRO	4500								1		NaHSO ₄ : NABIS
		Yes No		neter ID:		#113		8 8	GRO	e i							1 1	1	HOLD	Na ₂ S ₂ O ₃ : NaSO ₃
		No N/A	Correctio	n Factor:	-0.102			втех	- 1	Chloride							1 1			Zn Acetate+NaOH: Zn
Sample Custody Seals		No N/A	Tempera	ture Reading:	-12	C		Ī	8015M	0										NaOH+Ascorbic Acid: SAPC
Total Containers:		27	Correcte	d Temperature:	-12.				трн 8(ı	
Sample Ident	ification (2)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ΤF											Sample Comments
SW-3	6-44	12/5/2022		X		Comp	1	X	Х	X						_			-	
	7 45	12/5/2022		X		Comp	1	X	X	X						-	-		_	
SW-3		12/5/2022		X		Comp	1	X	X	X						_		-		
SW-S		12/5/2022	-	X		Comp	1	X	X	X						-		-		
SW-4		12/5/2022	-	X		Comp	1	X	X	X						\rightarrow	_		_	
SW-4	10	12/5/2022	+	X		Comp	1	X	X	X					_	-	-	-	_	
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SP 12/20/20 Additional Comments:

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

Bill to: (if different)

Company Name:

City, State ZIP:

✓ Rush

48hr

Email: WesleyMathews@dvn.com

Pres.

Code

Address:

Turn Around

Routine

Due Date:

of Aetico. A fillitation charge of period		Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	4
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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

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

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

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Method Summary	16
Sample Summary	17
Chain of Custody	18
Receint Checklists	20

Page 3 of 21

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.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

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

Glossary

LOD

LOQ

Abbreviation	These commonly used abbreviations may or may not be present in this report.		
n	Listed under the "D" column to designate that the result is reported on a dry weight basis		
%R	Percent Recovery		
CFL	Contains Free Liquid		
CFU	Colony Forming Unit		
CNF	Contains No Free Liquid		
DER	Duplicate Error Ratio (normalized absolute difference)		
Dil Fac	Dilution Factor		
DL	Detection Limit (DoD/DOE)		
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample		
DLC	Decision Level Concentration (Radiochemistry)		
EDL	Estimated Detection Limit (Dioxin)		

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

Limit of Detection (DoD/DOE)

Limit of Quantitation (DoD/DOE)

MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated

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

NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points

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

TNTC Too Numerous To Count

Eurofins Carlsbad

Case Narrative

Client: NT Global 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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Date Received: 01/20/23 16:25

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 Date Collected: 01/20/23 15:00

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 - Total BTEX Calculation										
	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 - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac		
Total TPH	<50.0	U	50.0	mg/Ko	9		02/02/23 16:03	1		

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/23 09:29	02/02/23 14:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/23 09:29	02/02/23 14:33	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/23 09:29	02/02/23 14:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				02/02/23 09:29	02/02/23 14:33	1
o-Terphenyl	80		70 ₋ 130				02/02/23 09:29	02/02/23 14:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
l	Chloride	<4.98	U	4.98	mg/Kg			01/26/23 11:47	1

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 Rec
		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 Rec
		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

Eurofins Carlsbad

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

SDG: 226363

Method: 8021B - Volatile Organic Compounds (GC)

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

Matrix: Solid

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
4-Bromofluorobenzene (Surr)	75		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Prepared Analyzed Dil Fac 02/02/23 09:35 02/02/23 11:46 02/02/23 09:35 02/02/23 11:46

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

Prep Batch: 45260

Analysis Batch: 45231 MR MR

Lab Sample ID: MB 880-45260/5-A

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

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130	02/02/23 12:47	02/02/23 22:21	1
1,4-Difluorobenzene (Surr)	91		70 - 130	02/02/23 12:47	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 %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 0.200 m-Xylene & p-Xylene 0.2173 mg/Kg 109 70 - 130 0.100 0.1087 70 - 130 o-Xylene mg/Kg 109

LCS LCS

Surrogate	%Recovery Qua	lifier 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 Rec		KFD	
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1234	mg/Kg		123	70 - 130	14	35	

LCCD LCCD

Chiles

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Page 8 of 21

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

Job ID: 890-3917-1

SDG: 226363

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

Lab Sample ID: LCSD 880-45260/2-A **Matrix: Solid**

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 45260

Analysis Batch: 45	231

	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
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 **Matrix: Solid**

Analysis Batch: 45231

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	

MS MS

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 Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 45231

Prep Type: Total/NA Prep Batch: 45260

		Sample	Sample	Spike	MSD	MSD				%Rec		RPD
	Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
	Benzene	<0.00201	U F1	0.100	0.07982	-	mg/Kg		80	70 - 130	24	35
	Toluene	<0.00201	U F1	0.100	0.06423	F1	mg/Kg		64	70 - 130	5	35
	Ethylbenzene	<0.00201	U F1	0.100	0.06510	F1	mg/Kg		65	70 - 130	9	35
	m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.1272	F1	mg/Kg		63	70 - 130	3	35
	o-Xylene	<0.00201	U F1	0.100	0.06595	F1	mg/Kg		66	70 - 130	2	35
ı												

MSD MSD %Recovery Qualifier Limits

Surrogate 4-Bromofluorobenzene (Surr) 96 70 - 130 106 1,4-Difluorobenzene (Surr)

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

мв мв Result Qualifier MDL Unit Prepared <49.9 U 49.9 02/02/23 09:29 02/02/23 08:59 Gasoline Range Organics mg/Kg (GRO)-C6-C10

Eurofins Carlsbad

Client: NT Global

Job ID: 890-3917-1

SDG: 226363

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

Lab Sample ID: MB 880-45238/1-A **Matrix: Solid**

Lab Sample ID: LCS 880-45238/2-A

Matrix: Solid

Analysis Batch: 45228

Project/Site: Ragin Cajun 13-1

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45238

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 08:59	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 08:59	1

MB MB

MB 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

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45238

Analysis Batch: 45228 LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 999 879.4 88 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 999 947.2 mg/Kg 95 70 - 130 C10-C28)

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	75	70 _ 130
o-Terphenyl	79	70 - 130

Lab Sample ID: LCSD 880-45238/3-A

Lab Sample ID: 880-24224-A-1-E MS

Matrix: Solid

Analysis Batch: 45228

Client Sample ID: Lab Control Sample I	Dup
--	-----

Prep Type: Total/NA

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

Client Sample ID: Matrix Spike

Prep Type: Total/NA

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	80.3		1000	945.9		mg/Kg		87	70 - 130

C10-C28)

Matrix: Solid

Analysis Batch: 45228

	IVIS	IVIS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	104		70 - 130

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QC Sample Results

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	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	<50.0	U	998	1179		mg/Kg		116	70 - 130	5	20	
(GRO)-C6-C10												
Diesel Range Organics (Over	80.3		998	896.5		mg/Kg		82	70 - 130	5	20	
040,000)												

C10-C28)

MSD MSD

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

мв мв

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 mg/Kg 01/26/23 09:07

Lab Sample ID: LCS 880-44707/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 44800

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	271.9		mg/Kg		109	90 - 110	

Lab Sample ID: LCSD 880-44707/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 44800

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	271.0		mg/Kg		108	90 - 110	0	20	

Lab Sample ID: 890-3911-A-1-B MS Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 44800

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	<4.96	LI F1	248	203 3	F1	ma/Ka		117	90 110	

Lab Sample ID: 890-3911-A-1-C MSD

Client Sample ID: Matrix Spike Duplicate Matrix: Solid **Prep Type: Soluble**

Analysis Batch: 44800

	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

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QC Association Summary

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

GC VOA

Analy	eiev	Batch:	45231
Allul	y JiJ	Dateii.	TO201

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	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3917-1	CS-62 (4.5)	Total/NA	Solid	8015B NM	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	

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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 Sampl	le ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3917-	1	CS-62 (4.5)	Soluble	Solid	300.0	44707
MB 880-44	707/1-A	Method Blank	Soluble	Solid	300.0	44707
LCS 880-4	4707/2-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

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

Client Sample ID: CS-62 (4.5) Lab Sample ID: 890-3917-1

Date Collected: 01/20/23 15:00 Matrix: Solid Date Received: 01/20/23 16:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	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

Eurofins Carlsbad

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		ogram	Identification Number	Expiration Date	
Texas		ELAP	T104704400-22-25	06-30-23	
The following analytes the agency does not of	• •	it 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

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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

Page 18 of 21

2/3/2023

1 8 4 6 6 6 6 7 7 7

Chain of Custody

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V		
	ENVIRONMENTAL	

Work Order No:		

Project Manager:	Ethan Ses	ssums				Bill to: (if	different)			_									W	ork O	rder (Comments		
	NTG Envi					Company										Pro	gram: l	JST/PS	ST [P	RP [Brow	nfields RRC	uperfund _	
	402 E Wo	_				Address:										Sta	te of Pr	oject:	_					
	Carlsbad,					City, Stat										Re	orting:L	evel II	Lev	el III	₽st	T/UST TRRP	UST TRRP Level IV	
	254-266-5				Email:	Wesley.	Mathews	s@dvn.c	om							Del	Deliverables: EDD ADaPT Other:				:			
Project Name:		Ragin	Cajun 13-1		Turr	Around								ANALY	SIS R	QUE	ST					Preserva	tive Codes_	
Project Number:		2	226363		✓ Routine	Rush	1	Pres. Code														None: NO	DI Water: H₂O	
Project Location		Lea	a Co, NM		Due Date:																	Cool: Cool	MeOH: Me	
Sampler's Name:		Jord	dan Tyner		TAT starts the					MRO)												HCL: HC	HNO ₃ : HN	
PO #:		2	1073110			eived by 4:3	0pm	SIS		+		1									H ₂ S0 ₄ : H ₂	NaOH: Na		
SAMPLE RECEI	PT	Tem	p Blank:	Yes (No	Wet Ice:	Yes		Parameters	E	+ DRO	4500		11111									H₃PO₄: HP		
Received Intact:		(Yés		Thermom	eter ID:	TAM	007	araı	BTEX 8021B	ģ	de 4					Custody				HOLD	NaHSO₄: NABI			
Cooler Custody Seals	3:	Yes	No (N/A)	Correction	Factor:	-D	2	<u>a</u>	Ě	20	Chloride		1111							Ī	Na ₂ S ₂ O ₃ : NaSC	•		
Sample Custody Sea	ls:	Yes	No (N/A)	Temperat	ure Reading:	15			m	8015M (GRO	5		890-	3917 C	hain of						Zn Acetate+Na			
Total Containers:			1	Corrected	Temperature:	14	5.4			80.		i					,		_			NaOH+Ascorbic Acid: SAPC		
Sample Iden	tification		Date	Time	Soil	Water	Grab/ Comp	# of Cont		¥												Sample	Comments	
CS-62	(4.5)		1/20/2023		х		Comp	1	х	х	х													
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Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Herolds	Anna solo Still	1-2023 160	25		
3	(IV)		4		
5			6		

Eurofins Carlsbad

1089 N Canal St. Carlsbad, NM 88220

Chain of Custody Record



💸 eurofins

Environment Testing

2/3/2023

Released to Imaging: 8/13/2024 2:58:44 PM

Phone 575-988-3199 Fax: 575-988-3199																			Environment Testin
Client Information (Sub Contract Lab)	Sampler ⁻	Kra			PM amer, c	Jessi	ca				Carrier Tracking No(s)						COC No ⁻ 890-1108 1		
Client Contact: Shipping/Receiving	Phone	Phone E-Mai Jess				(rame	State of Origin mer@et.eurofinsus.com New Mexico					Page Page 1 of 1							
Company: Eurofins Environment Testing South Centr							ns Red Texa		(See r	note):								Job #: 890-3917-1	
oddress 211 W Florida Ave ,	Due Date Reques 1/26/2023								A	naly	sis R	equ	estec	ļ				Preservation Code	es. M Hexane
ity Aidland Ilate, Zip: X, 79701 hone	TAT Requested (d	days)					III TPH GRO-											A - HCL B NaOH C Zn Acetate D Nitric Acid E NaHSO4 F MeOH	N None O AsNaO2 P Na2O4S Q Na2SO3 R Na2S2O3
32-704-5440(Tel) mail.	PO #: WO #:				S or No)	NO)	rep (MOD) Fu										e e	G Amchlor H Ascorbic Acid I Ice J DI Water	S H2SO4 T TSP Dodecahydrate U Acetone V MCAA W pH 4-5
Project Name: Ragin Cajun 13-1 lite	Project #- 88000222 SSOW#:				Sample (Ye	D/DI LEAC	015NM_S_P	Calc BTEX		2							of containers	K EDTA L EDA Other	Y Trizma Z other (specify)
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Watrix (W=water S≃solid, ==waste/oil, BT=Tissue, A=Air)	Field Filtered	Tenorm MS/N	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-	8021B/5035FP_Calc	8015MOD_Calc	Total_BTEX_GCV							Total Number	Special Ins	tructions/Note:
25 50 (45) (000 2047 4)		15 00	Preservatio	the trade of the last of the l		<							1				X		
:S-62 (4 5) (890-3917-1)	1/20/23	Mountain		Solid		\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	X	X	X	X							1		
				<u>.</u>	+														
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Possible Hazard Identification			Sample Dianocal / A fee man be account if		
Unconfirmed			Sample Disposal (A fee may be assessed if Return To Client Disposal By		month) Months
Deliverable Requested I II III IV Other (specify)	Primary Deliverable Rank 2		Special Instructions/QC Requirements		
Empty Kit Relinquished by	Date	Tı	me (Method	of Shipment:	7.
Rèinquishéd)by	Date/Time ⁻	Company	Received by	Date/Time:	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Custody Seals Intact: Custody Seal No Δ Yes Δ No	•		Cooler Temperature(s) °C and Other Remarks		

Login Sample Receipt Checklist

Client: NT Global Job N

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

List Source: Eurofins Midland

Login Number: 3917

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 <6mm (1/4").	True	

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

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

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**

QUESTIONS

Action 355669

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	355669
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites				
Incident ID (n#)	nAPP2220947571			
Incident Name	NAPP2220947571 RAGIN CAJUN 13 FEDERAL #001 @ 0			
Incident Type	Oil Release			
Incident Status	Remediation Closure Report Received			

Location of Release Source			
Please answer all the questions in this group.			
Site Name	RAGIN CAJUN 13 FEDERAL #001		
Date Release Discovered	07/21/2022		
Surface Owner	Federal		

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

Nature and Volume of Release				
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.				
Crude Oil Released (bbls) Details	Cause: Other Other (Specify) Crude Oil Released: 15 BBL Recovered: 4 BBL Lost: 11 BBL.			
Produced Water Released (bbls) Details	Not answered.			
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.			
Condensate Released (bbls) Details	Not answered.			
Natural Gas Vented (Mcf) Details	Not answered.			
Natural Gas Flared (Mcf) Details	Not answered.			
Other Released Details	Not answered.			
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.			

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

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

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

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

QUESTIONS, Page 2

Action 355669

QUESTI	ONS (continued)			
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 355669 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)			
QUESTIONS				
Nature and Volume of Release (continued)				
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.			
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No			
Reasons why this would be considered a submission for a notification of a major release	Unavailable.			
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.			
Initial Response				
The responsible party must undertake the following actions immediately unless they could create a s	rafety hazard that would result in injury.			
The source of the release has been stopped	True			
The impacted area has been secured to protect human health and the environment	True			
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True			
All free liquids and recoverable materials have been removed and managed appropriately	True			
If all the actions described above have not been undertaken, explain why	Not answered.			
	I ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.			
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or			

Name: Dale Woodall Title: EHS Professional

Date: 06/18/2024

Email: Dale.Woodall@dvn.com

local laws and/or regulations.

I hereby agree and sign off to the above statement

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QUESTIONS, Page 3

Action 355669

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	355669
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization				
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.				
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)			
What method was used to determine the depth to ground water	NM OSE iWaters Database Search			
Did this release impact groundwater or surface water	No			
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:			
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)			
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 100 (ft.)			
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)			
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)			
Any other fresh water well or spring	Between 1 and 5 (mi.)			
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)			
A wetland	Between 1 and 5 (mi.)			
A subsurface mine	Between 1 and 5 (mi.)			
An (non-karst) unstable area	Between 1 and 5 (mi.)			
Categorize the risk of this well / site being in a karst geology	Low			
A 100-year floodplain	Between 1 and 5 (mi.)			
Did the release impact areas not on an exploration, development, production, or storage site	Yes			

Remediation Plan		
Please answer all the questions that apply or are indic	cated. This information must be provided to t	he appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval wit	h this submission	Yes
Attach a comprehensive report demonstrating the late	ral and vertical extents of soil contamination	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of conta	mination been fully delineated	Yes
Was this release entirely contained within a	lined containment area	No
Soil Contamination Sampling: (Provide the hig	hest observable value for each, in mill	igrams per kilograms.)
Chloride (EPA 300.0	or SM4500 CI B)	13700
TPH (GRO+DRO+MRO) (EPA SW-84	6 Method 8015M)	275
GRO+DRO (EPA SW-	846 Method 8015M)	223
BTEX (EPA SW-	846 Method 8021B or 8260B)	0
Benzene (EPA SW-	846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site which includes the anticipated timelines for beginning		efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation	commence	10/03/2022
On what date will (or did) the final sampling	or liner inspection occur	01/20/2023
On what date will (or was) the remediation c	omplete(d)	02/17/2023
What is the estimated surface area (in square	re feet) that will be reclaimed	0
What is the estimated volume (in cubic yards	s) that will be reclaimed	0
What is the estimated surface area (in square	re feet) that will be remediated	19250
What is the estimated volume (in cubic yards) that will be remediated		3371
These estimated dates and measurements are recogni	zed to be the best guess or calculation at the	time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed remediation meas	ures may have to be minimally adjusted in ac	cordance with the physical realities encountered during remediation. If the responsible party has any need to

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

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QUESTIONS, Page 4

Action 355669

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	355669
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement

Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com

Date: 06/18/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 355669

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	355669
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 355669

QUESTIONS (continued)

Operator:	OGRID:
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	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	355689
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/20/2023
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	19250

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	19250	
What was the total volume (cubic yards) remediated	3371	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	0	
What was the total volume (in cubic yards) reclaimed	0	
Summarize any additional remediation activities not included by answers (above)	SEE REPORT	

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 (in .pdf format) 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.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

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Date: 06/18/2024

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QUESTIONS, Page 7

Action 355669

QUESTIONS (continued)

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	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 355669

CONDITIONS

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CONDITIONS

Created By		Condition Date
nvelez	None	8/13/2024