



209 W. McKay Street
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October 31, 2024

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

Re: Site Characterization and Remediation Work Plan
Devon Energy Production Company
Right Meow 30 CTB 1
Unit L, Section 30, Township 23S, Range 32E
Site Coordinates: 32.279777, -103.720605
Lea County, New Mexico
Incident ID: nAPP2414124712 & nAPP2427431240

Introduction

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Work Plan for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for the release number: nAPP2414124712, & nAPP2427431240 – Right Meow 30 CTB 1 (Site). The Site is in Unit Letter L, Section 30, of Township 23 South and Range 32 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.279777° N latitude and 103.720605° W longitude. The site location with respect to the nearest town is shown on Figure 1 and the topography of the area is shown on Figure 2.

Background

Based on the Release Notification C-141 form for nAPP2414124712, the release was discovered on May 18, 2024, and was due to an equipment failure. Upon discovery, the Site was shut-in and repairs ensued. The spill resulted in the release of approximately twenty-three (23) barrels (bbls) of produced water of which none were recovered for an approximate net loss of twenty-three (23) bbls of produced water.

Based on the Release Notification C-141 form for nAPP2427431240, the release was discovered on September 29, 2024, and was due to a leak at the connection on the LACT unit. Upon discovery, the LACT unit was shut down and repairs ensued. The spill resulted in the release of approximately six (6) bbls of produced water of which five (5) bbls were recovered for an approximate net loss of one (1) bbl of produced water. The release area is shown on Figure 3.

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Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water sources within a ½-mile radius of the Site (C-04877-POD1) that was drilled in 2024 to a reported depth of one-hundred and five (105) feet (ft) below ground surface (bgs) where no groundwater was encountered. 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, FEMA Map, and Transaction Summary for Permit to Drill) are attached to the report.

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	>105

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	GRO+DRO	BTEX	Benzene
19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (>4 Feet)	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Notes:

--- = not defined

Initial Soil Delineation Assessment Summary and Findings

On May 22, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the site for release nAPP2414124712. Four (4) vertical sample points (V-1 through V-4) were installed within the release area, while five (5) horizontal sample points (H-1 through H-5) were installed adjacent to the release area in order to characterize the impacts. Soil samples were collected at half-foot (0.5) to one (1) foot (ft) intervals from depths ranging from zero (0) to five (5) ft below ground surface (bgs) with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil samples to prevent cross-contamination. Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in

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Hobbs, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (by EPA Method 8021B), total petroleum hydrocarbon (TPH) (by EPA method 8015 modified), and chloride (method SM4500Cl-B). Analytical results indicated that chloride concentrations were below the NMOCD regulatory limits at 4 ft bgs for all vertical sample points. However, chloride concentrations were over the 19.15.29.13 Restoration and Re-Vegetation regulatory limits from zero (0) to three ft bgs.

On September 29, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the site for release nAPP2427431240. Three (3) vertical sample points (V-1 through V-3) were installed within the release area, while nine (9) horizontal sample points (H-1 through H-9) were installed adjacent to the release area in order to characterize the impacts. Soil samples were collected at half-foot (0.5) intervals from depths ranging from zero (0) to four and a half (4.5) ft bgs with a geotechnical hand auger. Soil samples were delivered to Cardinal for the analysis of BTEX, TPH, and chloride. Analytical results indicated that BTEX and TPH concentrations were below the NMOCD regulatory limits at three (3) ft bgs for samples V-1 and V-2, while V-3 was successfully delineated at four (4) ft bgs. However, H-5 exhibited TPH concentrations above NMOCD regulatory limits.

On October 10, 2024, NTGE returned to site to conduct further horizontal delineation, for release nAPP2427431240, where one (1) horizontal sample (H-5A) was collected. Soil samples were delivered to Cardinal for the analysis of BTEX, TPH, and chloride. Analytical results indicated that the sample was below NMOCD regulatory limits for the site. Analytical results are included in Table 1, while soil boring locations are shown on Figure 3. The laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

Proposed Work Plan

After receiving and evaluating the soil boring data, for release nAPP2414124712, NTGE proposes to excavate the areas of V-1 through V-4 to a depth of four (4) ft bgs to ensure that the impacted soil has been removed from the Site. Devon personnel have expressed that the area of V-4 cannot be expanded vertically or horizontally due to the presence of facility infrastructure (i.e., vertical separator, production flowlines and electrical units) in and around the excavation and the associated safety concerns in further encroaching the infrastructure. Approximately 298 cubic yards of soil will remain in place until the time of decommissioning facility or in the event infrastructure modifications are made in the area that would alleviate the safety concerns, whichever is sooner. Approximately 260 cubic yards of impacted material will be excavated and transported offsite for disposal at an NMOCD approved landfill.

After receiving and evaluating the soil boring data, for release nAPP2427431240, NTGE proposes to excavate the areas of V-1 and V-2 to a depth of three (3) ft bgs to ensure that the impacted soil has been removed from the Site. Approximately 95 cubic yards of impacted material will be excavated and transported offsite for disposal at an NMOCD approved landfill. Devon personnel have expressed that the area of V-3 cannot be expanded vertically or horizontally due to the presence of facility infrastructure (i.e., LACT Unit) in and around the excavation and the associated safety concerns in further encroaching the infrastructure. Approximately 90 cubic yards of soil will remain in place until the time of facility decommissioning or in the event infrastructure modifications are made in the area that would alleviate the safety concerns, whichever is sooner. The proposed excavation map is shown on Figure 4.

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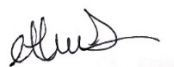


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Upon completion of the excavation, confirmation samples will be taken with a five (5) point composite sample and represent an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. Discrete soil samples will be collected from the sidewalls and bottom of the excavation if any staining is observed. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015B Modified and chloride by SM4500 Cl -B. If any of the confirmation samples collected exhibit concentrations above regulatory standards set by NMAC 19.15.23.12 and 19.15.23.13, the areas will be further excavated until concentrations are below Table 3.1 Closure Criteria.

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

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Attachments:

- Tables
- Figures
- Photographic Log
- Site Characterization Documentation
- Laboratory Reports and Chain-of-Custody Documents

NTGE Project No.: 248711



TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
Right Meow 30 CTB 1 (nAPP2414124712)
Devon Energy Production Company
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
Vertical Delineation Samples													
V-1	05/22/24	0-6"	<0.050	0.055	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,160
	05/22/24	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,440
	05/22/24	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,600
	05/22/24	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,760
	05/22/24	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,000
V-2	05/22/24	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,600
	05/22/24	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,060
	05/22/24	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,100
	05/22/24	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,280
	05/22/24	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,200
V-3	05/22/24	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	05/22/24	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
	05/22/24	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,730
	05/22/24	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8,800
	05/22/24	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,600
V-4	05/22/24	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,240
	05/22/24	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,080
	05/22/24	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,000
	05/22/24	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,460
	05/22/24	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,200
V-4	05/22/24	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,960
	05/22/24	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,840
	05/22/24	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,920
	05/22/24	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,000
Horizontal Delineation Samples													
H-1	05/22/24	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
H-2	05/22/24	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
H-3	05/22/24	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
H-4	05/22/24	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
H-5	05/22/24	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

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

Table 1
Summary of Soil Analytical Data - Delineation Samples
Right Meow 30 CTB 1 (nAPP2427431240)
Devon Energy Production Company
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)		
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg		10,000 mg/kg
Vertical Delineation Samples														
V-1	9/30/2024	0-6"	37.1	321	70.5	660	1,090	21,500	36,300	57,800	5,070	62,870	32.0	
	9/30/2024	1-1.5	21.8	225	52.0	484	782	10,500	18,000	28,500	2,370	30,870	32.0	
	9/30/2024	2-2.5	0.059	0.334	0.136	1.50	2.02	56.7	376	432.7	40.0	472.7	16.0	
	9/30/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
	9/30/2024	4-4.5	<0.050	0.163	<0.050	<0.150	<0.300	<10.0	25.7	25.7	<10.0	25.7	<16.0	
V-2	9/30/2024	0-6"	20.9	218	49.2	471	759	20,500	34,500	55,000	4,410	59,410	48.0	
	9/30/2024	1-1.5	2.53	35.8	9.92	94.6	143	3,200	6,120	9,320	759	10,079	32.0	
	9/30/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	15	163	178	15.8	193.8	16.0	
	9/30/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	9/30/2024	4-4.5	0.055	0.158	<0.050	<0.150	<0.300	<10.0	18.7	18.7	<10.0	18.7	16.0	
V-3	9/30/2024	0-6"	20.0	202	45.2	426	694	9,160	14,300	23,460	1,620	25,080	48.0	
	9/30/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	23.8	23.8	<10.0	23.8	32.0	
	9/30/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	45.3	45.3	<10.0	45.3	32.0	
	9/30/2024	3-3.5	<0.050	<0.050	0.53	0.618	0.671	37.2	343	380.2	37.0	417.2	16.0	
	9/30/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	19.2	19.2	>10.0	19.2	32.0	
Horizontal Delineation Samples														
H-1	9/30/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.6	25.6	<10.0	25.6	16.0	
H-2	9/30/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	47.0	47.0	<10.0	47.0	16.0	
H-3	9/30/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.4	15.4	<10.0	15.4	16.0	
H-4	9/30/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.9	11.9	<10.0	11.9	16.0	
H-5	9/30/2024	0-6"	<0.050	<0.050	0.058	0.677	0.735	39.6	315	354.6	30.8	385.4	32.0	
H-5A	10/10/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0	
H-6	9/30/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
H-7	9/30/2024	0-6"	<0.050	0.213	0.068	0.711	0.992	10.3	27.3	37.6	<10.0	37.6	80.0	
H-8	9/30/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	43.4	43.4	<10.0	43.4	48.0	
H-9	9/30/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0	

1. Values reported in mg/kg

2. < = Value Less Than Reporting Limit (RL)

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

SP-1

Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

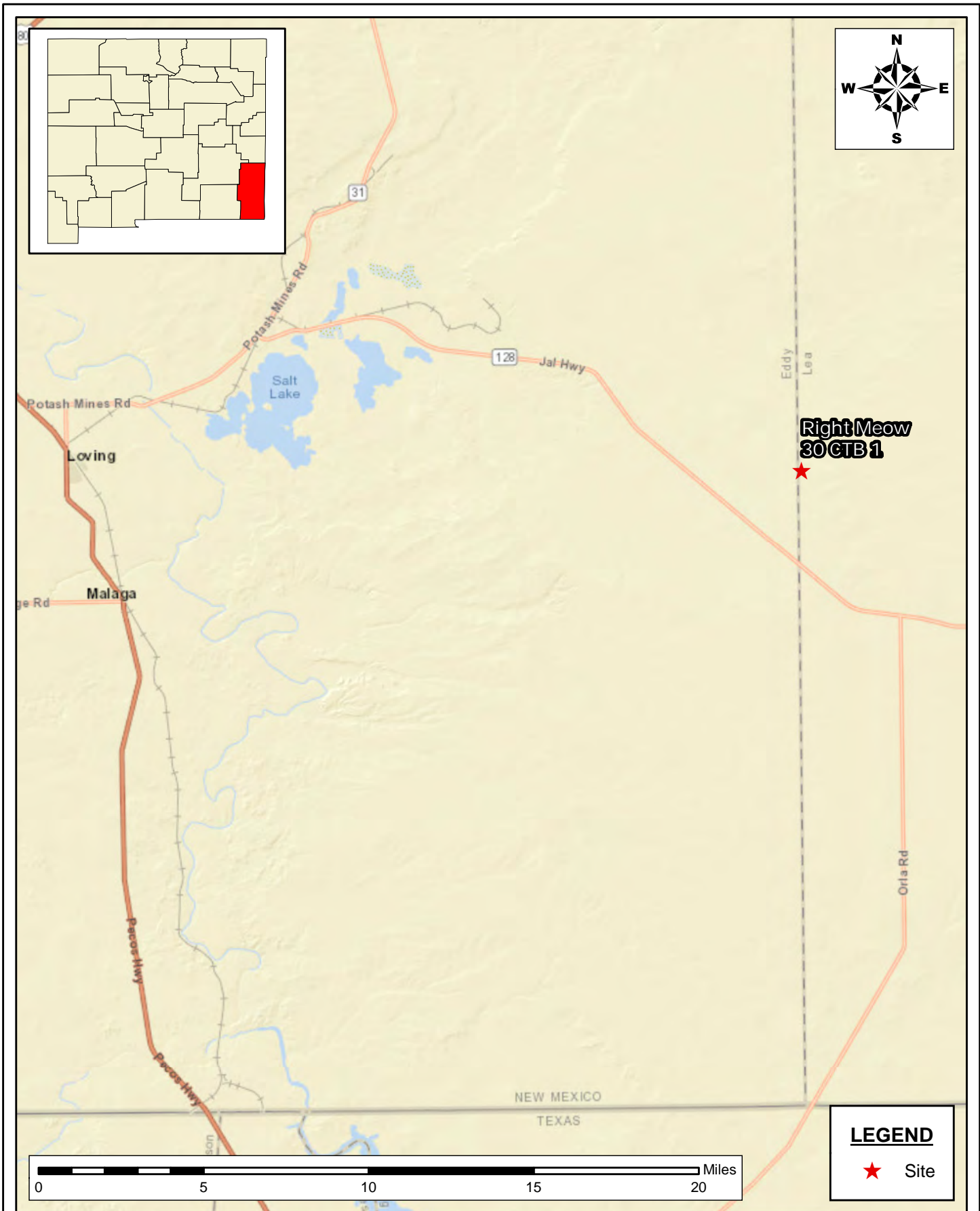
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

FIGURES

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SITE LOCATION MAP
SITE CHARACTERIZATION AND REMEDIATION WORK PLAN
DEVON ENERGY PRODUCTION COMPANY
RIGHT MEOW 30 CTB 1
LEA COUNTY, NEW MEXICO

SCALE: As Shown

Date: 9/9/2024

PROJECT #:248711



New Tech Global Environmental, LLC
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Web: www.ntgenviroinmental.com

NOTES:

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

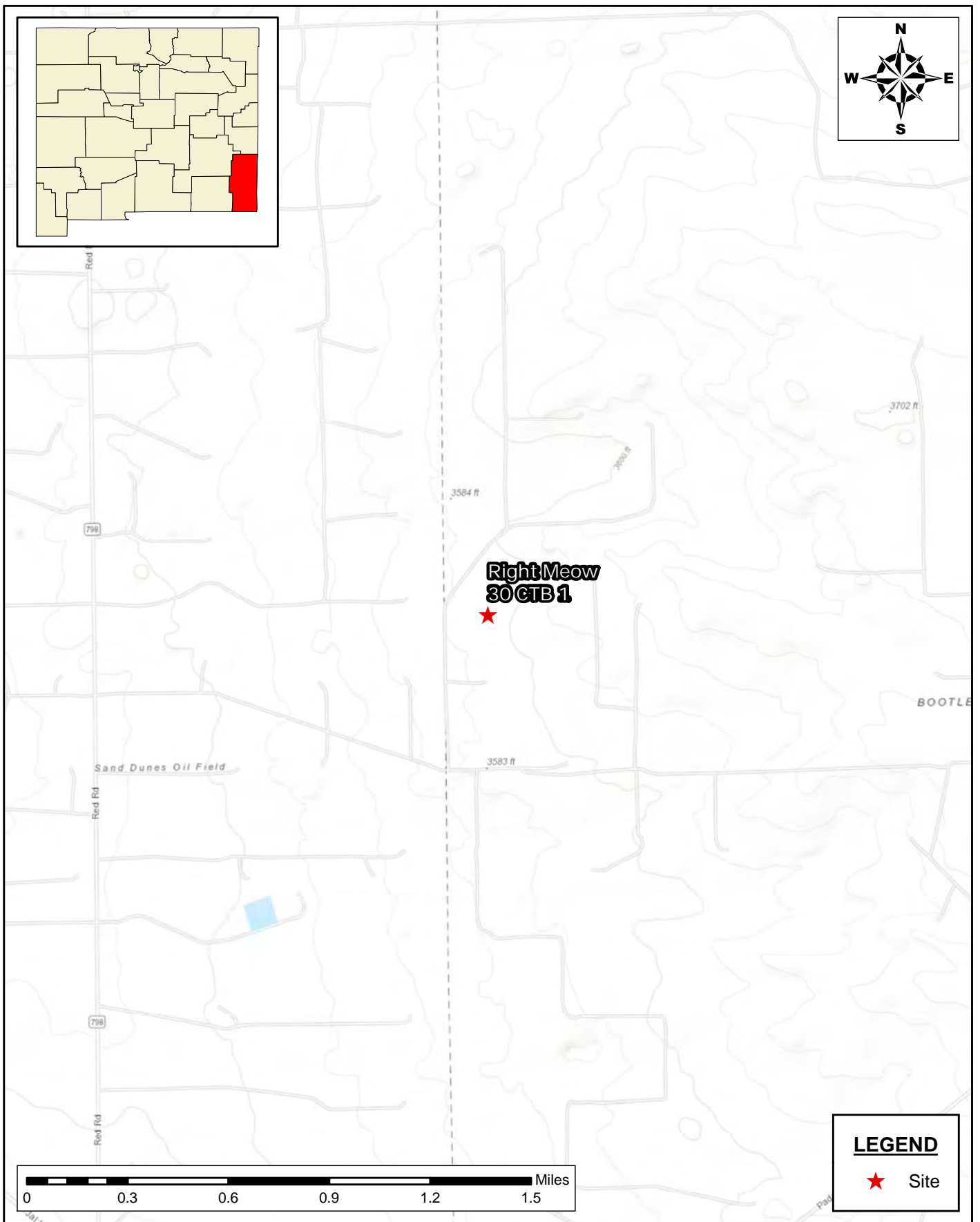
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FIGURE 1

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TOPOGRAPHIC MAP
SITE CHARACTERIZATION AND REMEDIATION WORK PLAN
DEVON ENERGY PRODUCTION COMPANY
RIGHT MEOW 30 CTB 1
LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 6/6/2024 PROJECT #: 248711



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NOTES:

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2. Map Projection: NAD 1983

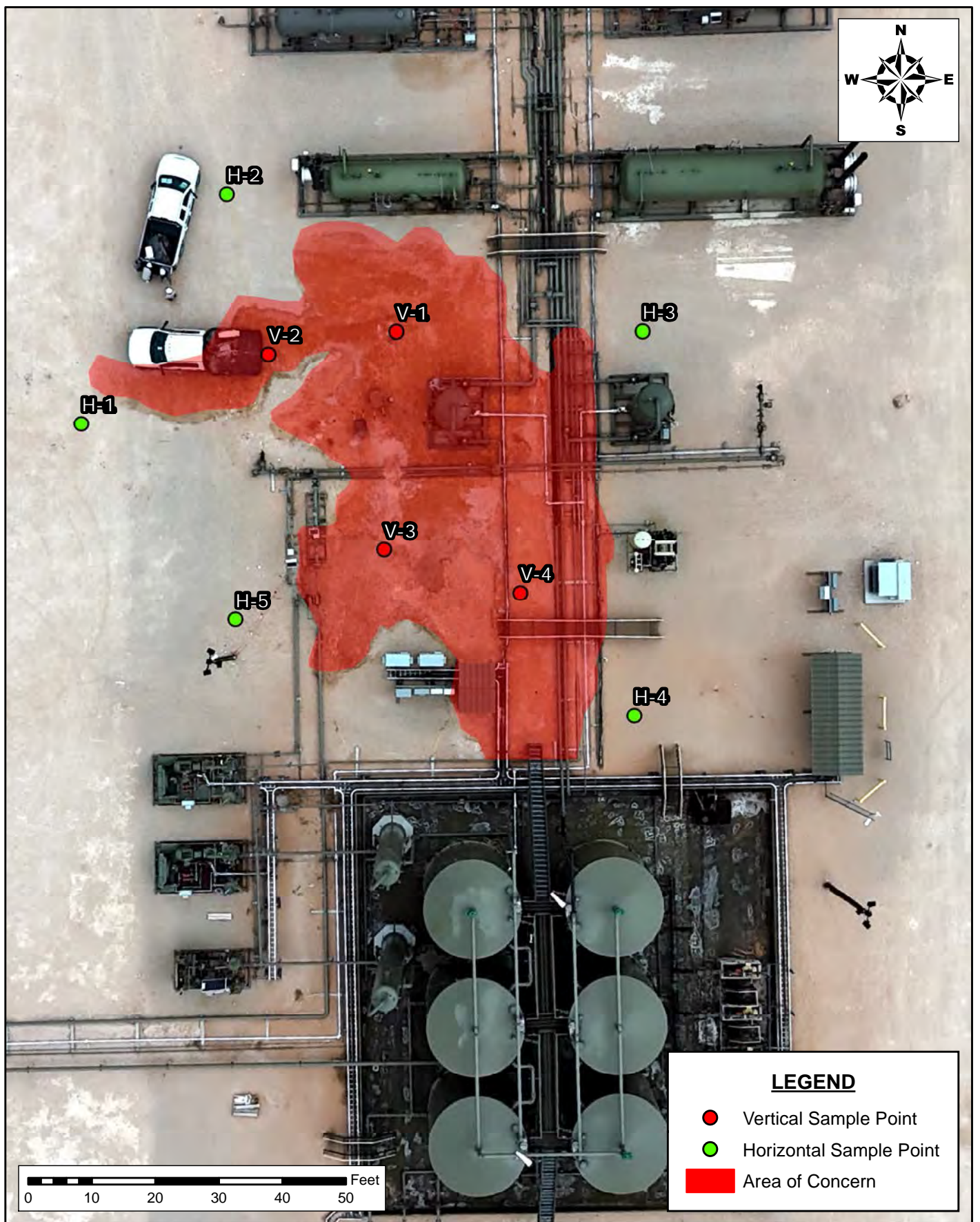
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FIGURE 2

SHEET NUMBER:

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INITIAL ASSESSMENT MAP
SITE CHARACTERIZATION AND REMEDIATION WORK PLAN
DEVON ENERGY PRODUCTION COMPANY
 RIGHT MEOW 30 CTB 1 (nAPP2414124712)
 LEA COUNTY, NEW MEXICO

SCALE: As Shown

Date: 6/6/2024

PROJECT #:248711

New Tech Global Environmental, LLC
 911 Regional Park Drive
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 F - 281.872.4521
 Web: www.ntgenviroinmental.com

**NOTES:**

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

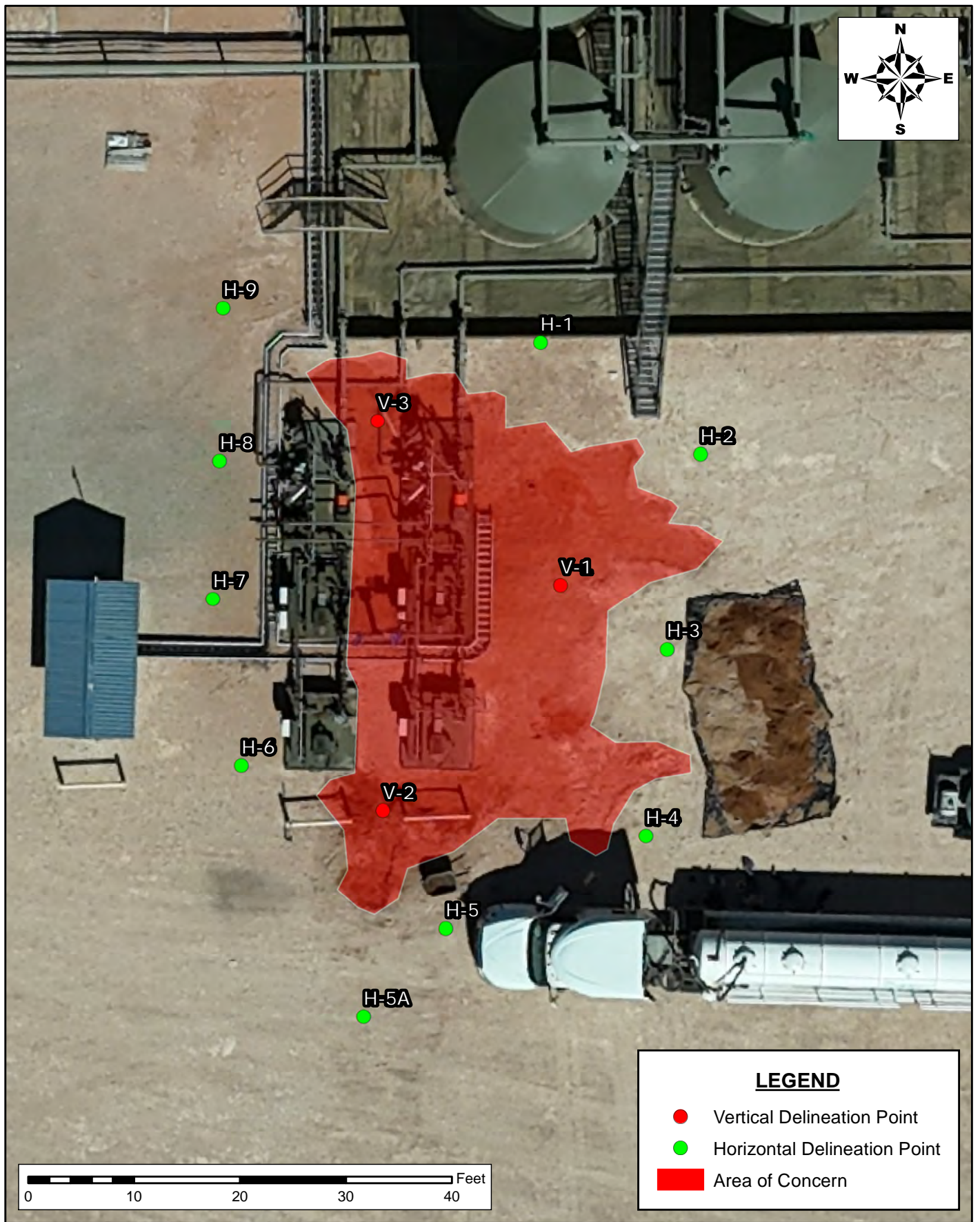
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FIGURE 3

SHEET NUMBER:

1 of 2

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INITIAL ASSESSMENT MAP
SITE CHARACTERIZATION AND REMEDIATION WORK PLAN
DEVON ENERGY PRODUCTION COMPANY
RIGHT MEOW 30 CTB 1 (nAPP2427431240)
LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 10/21/2024 PROJECT #:248711

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



NOTES:

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

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

2 of 2

Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\NTGE - Projects\2024 PROJECTS\DEVON\NRSC\248711 - Right Meow 30 CTB 1\7- Figures\GIS\Figure 4 PEM Def area.mxd

**LEGEND**

- Area of Deferral
- 4ft Excavation

PROPOSED EXCAVATION MAP
SITE CHARACTERIZATION AND REMEDIATION WORK PLAN
DEVON ENERGY PRODUCTION COMPANY
 RIGHT MEOW 30 CTB 1 (nAPP2414124712)
 LEA COUNTY, NEW MEXICO

SCALE: As Shown

Date: 10/31/2024

PROJECT #:248711

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

**NOTES:**

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

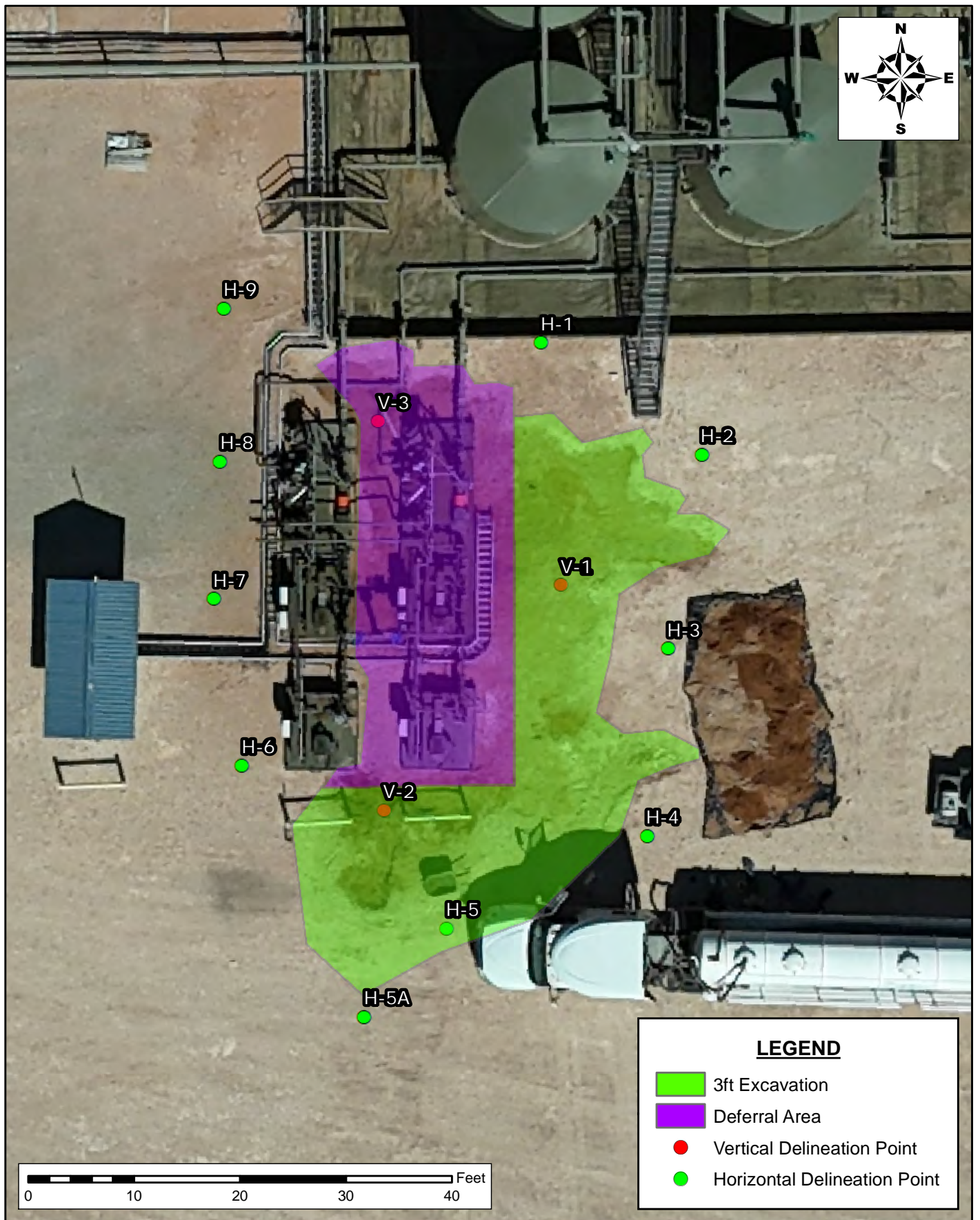
DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 2

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\NTGE - Projects\2024 PROJECTS\DEVON\RSC\248711 - Right Meow 30 CTB 1\17- Figures\GIS\Figure_4_PEM 2ND SPILL.mxd



PROPOSED EXCAVATION MAP
SITE CHARACTERIZATION AND REMEDIATION WORK PLAN
DEVON ENERGY PRODUCTION COMPANY
RIGHT MEOW 30 CTB 1 (nAPP2427431240)
LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 10/25/2024 PROJECT #:248711

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



NOTES:

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:



2 of 2

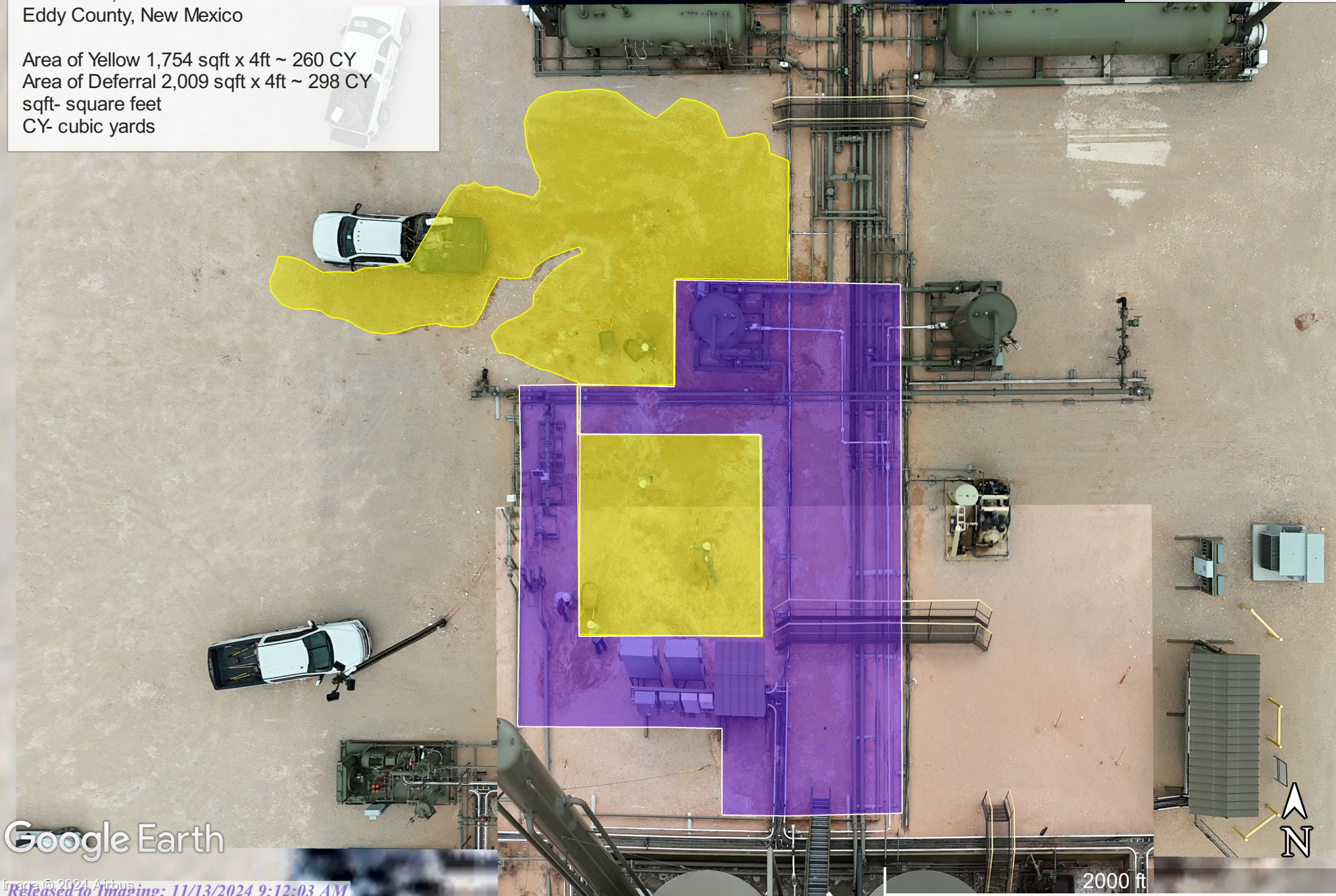
Proposed Excavation Map

Devon Energy Production Company
Right Meow 30 CTB 1
32.279925, -103.720633
Eddy County, New Mexico

Area of Yellow 1,754 sqft x 4ft ~ 260 CY
Area of Deferral 2,009 sqft x 4ft ~ 298 CY
sqft- square feet
CY- cubic yards

Legend

-  4ft Excavation
-  Area of Deferral



Google Earth





Proposed Excavation Map

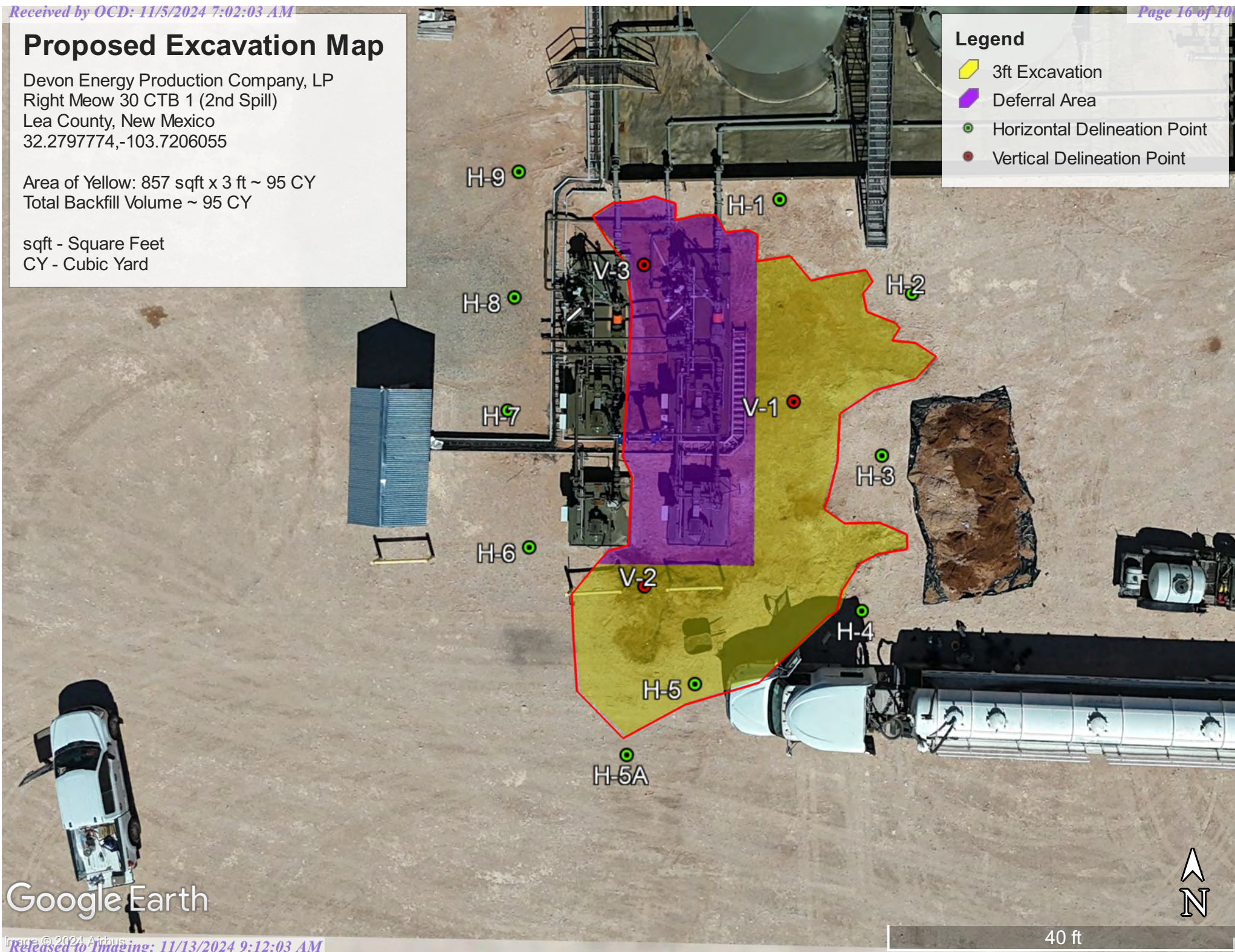
Devon Energy Production Company, LP
Right Meow 30 CTB 1 (2nd Spill)
Lea County, New Mexico
32.2797774,-103.7206055

Area of Yellow: 857 sqft x 3 ft ~ 95 CY
Total Backfill Volume ~ 95 CY

sqft - Square Feet
CY - Cubic Yard

Legend

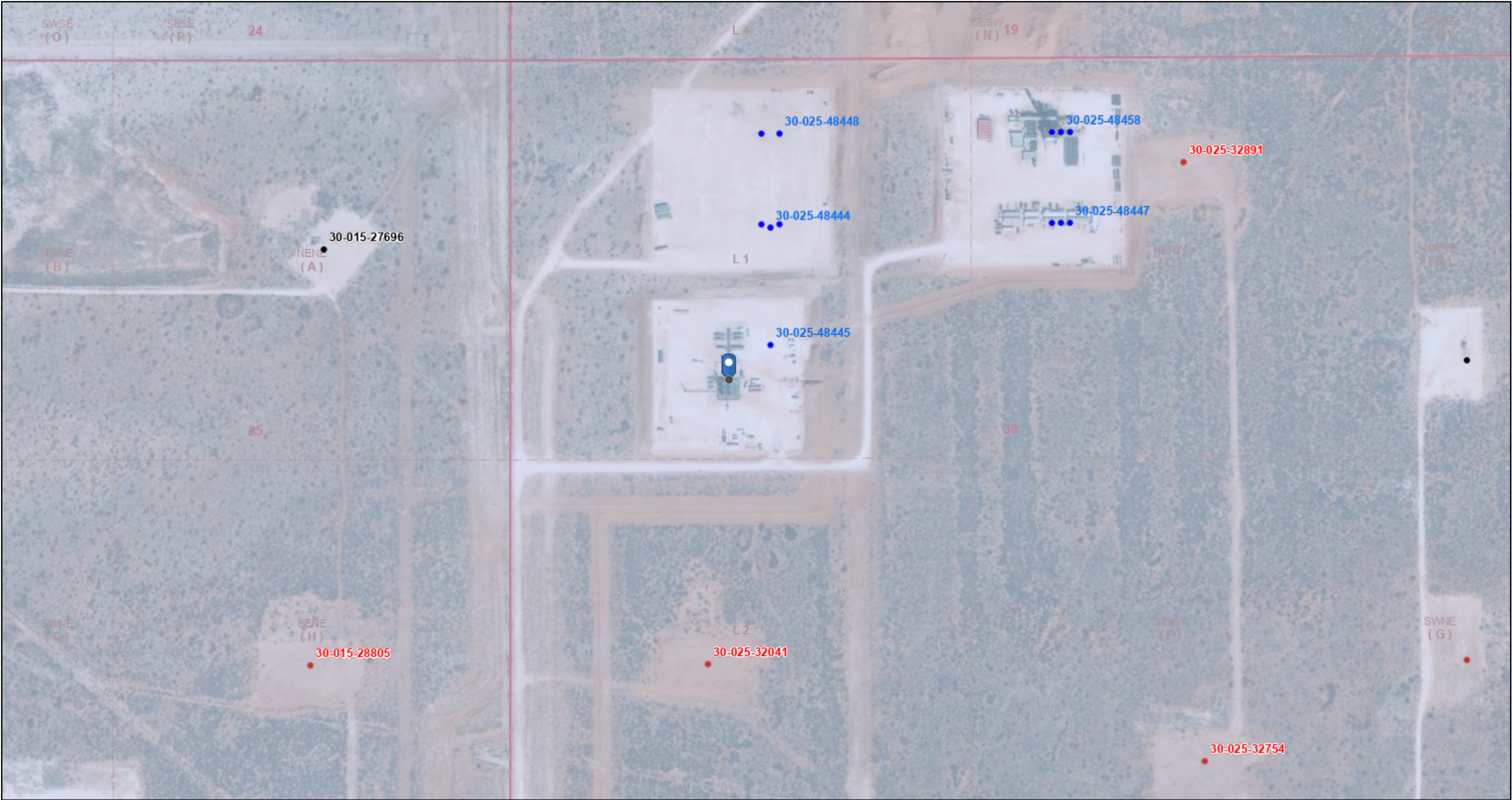
-  3ft Excavation
-  Deferral Area
-  Horizontal Delineation Point
-  Vertical Delineation Point



Google Earth

SITE CHARACTERIZATION INFORMATION

Site Characterization Map



5/20/2024, 8:21:52 AM

- Wells - Large Scale
- Oil, Active

Oil, New

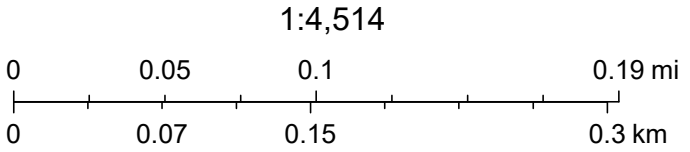
Oil, Plugged

Karst Occurrence Potential

PLSS Second Division

PLSS First Division

Low





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


OSE POD Location Map




9/9/2024, 2:50:05 PM


 Override 1


 Override 1


 Recently Edited PODs


GIS WATERS PODs

 Active


 Pending


 Plugged


 OSE District Boundary


 Federal Lands

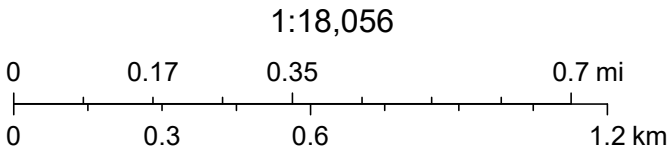
New Mexico State Trust Lands

 Subsurface Estate

 Both Estates

 Counties

 Sections



Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, OSE SLO, Maxar



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S). C-4877		
	WELL OWNER NAME(S) Devon Energy Corp.				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 205 E. Bender Rd. #150				CITY Hobbs	STATE NM	ZIP 88240
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 16	SECONDS 49.63 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE -103	43	17.08 W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit Letter D, Sec 30, T2S, R32E							
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James HHawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC	
	DRILLING STARTED 10/7/24	DRILLING ENDED 10/7/24	DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) Dry Hole		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		DATE STATIC MEASURED 10/11/24
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:				CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
				No Casing left in hole			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)		AMOUNT (cubic feet)	METHOD OF PLACEMENT
				N/A			


FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	5	5	red clay,sand, caliche	Y ✓ N	
	5	10	5	white caliche	Y ✓ N	
	10	30	20	light red sandy clay	Y ✓ N	
	30	55	25	grayish red sandy clay	Y ✓ N	
	55	60	5	Light white clay	Y ✓ N	
	60	70	10	light red clay	Y ✓ N	
	70	105	35	dark red clay	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY: N/A					TOTAL ESTIMATED WELL YIELD (gpm): 0	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Well was drilled 10/7/24, no water was encountered, well was gauged 10/11/24, no water found, casing was removed and well bore was plugged in accordance with the approved plugging plan of operations for a dry hole on 10/11/24.	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Nathan Smelcer	

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

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION		WELL TAG ID NO.

PAGE 2 OF 2



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4877 Pod-1
 Well owner: Devon Energy Corp. Phone No.: _____
 Mailing address: 205 E. Bender Rd. #150
 City: Hobbs State: NM Zip code: 88240

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Nathan Smelcer
- 4) Date well plugging began: 10/11/24 Date well plugging concluded: 10/11/24
- 5) GPS Well Location: Latitude: 32 deg, 16 min, 49.63 sec
 Longitude: -103 deg, 43 min, 17.08 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl),
 by the following manner: Well Sounder
- 7) Static water level measured at initiation of plugging: N/A ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 8/21/24
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

Well was gauged on 10/11/24, no water was found, casing was removed and the 6 inch bore hole was backfilled to 10' BGS with drill cuttings, then hydrated bentonite at 5 gallons of water per sack was poured to surface.

- For each interval plugged, describe within the following columns:**

III. SIGNATURE:



Signature of Well Driller

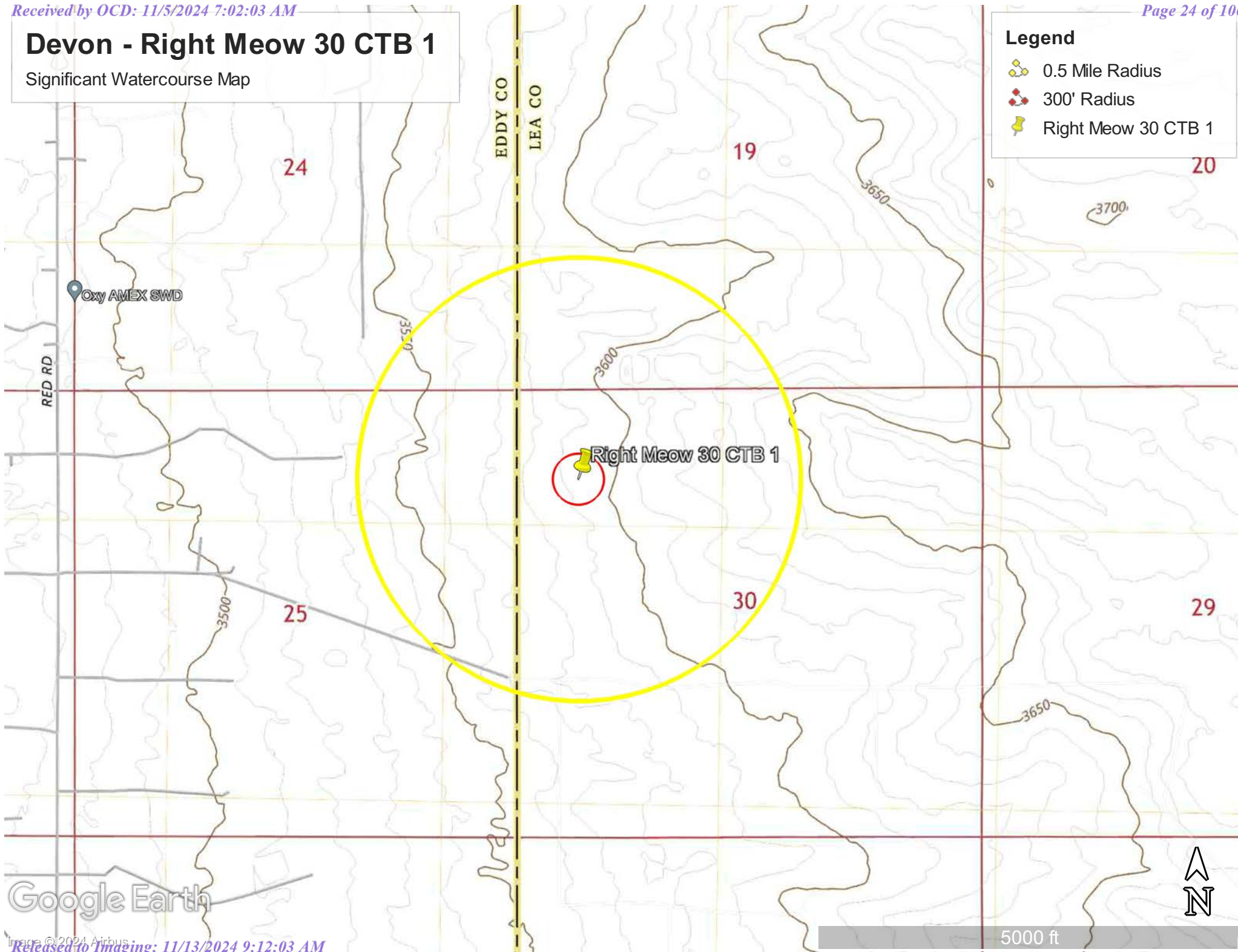
Date _____

Devon - Right Meow 30 CTB 1

Significant Watercourse Map

Legend

-  0.5 Mile Radius
-  300' Radius
-  Right Meow 30 CTB 1










Wetlands Map






May 20, 2024

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond

-  Lake
-  Other
-  Riverine

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

National Flood Hazard Layer FIRMMette



103°43'33"W 32°17'2"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°42'55"W 32°16'32"N

Released to Imaging: 11/13/2024 9:12:03 AM

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/20/2024 at 10:26 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG
Devon Energy Production Company
Right Meow 30 CTB 1

Photograph No. 1

Facility: Right Meow 30 CTB 1

County: Lea County, New Mexico

Description:

View of Area of Concern (nAPP2414124712)

**Photograph No. 2**

Facility: Right Meow 30 CTB 1

County: Lea County, New Mexico

Description:

View of Area of Concern (nAPP2414124712)

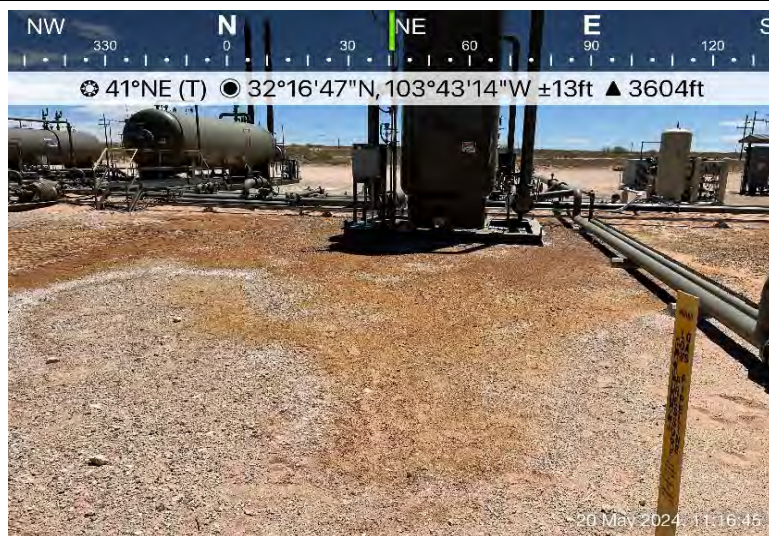
**Photograph No. 3**

Facility: Right Meow 30 CTB 1

County: Lea County, New Mexico

Description:

View of Area of Concern (nAPP2414124712)



PHOTOGRAPHIC LOG
Devon Energy Production Company
Right Meow 30 CTB 1

Photograph No. 4

Facility: Right Meow 30 CTB 1

County: Lea County, New Mexico

Description:
View of Area of Concern (nAPP2414124712)

**Photograph No. 5**

Facility: Right Meow 30 CTB 1

County: Lea County, New Mexico

Description:
View of Area of Concern (nAPP2414124712)

**Photograph No. 6**

Facility: Right Meow 30 CTB 1

County: Lea County, New Mexico

Description:
View of Area of Concern (nAPP2414124712)



PHOTOGRAPHIC LOG
Devon Energy Production Company
Right Meow 30 CTB 1

Photograph No. 7

Facility: Right Meow 30 CTB 1

County: Lea County, New Mexico

Description:
View of Area of Concern (nAPP2427431240)

**Photograph No. 8**

Facility: Right Meow 30 CTB 1

County: Lea County, New Mexico

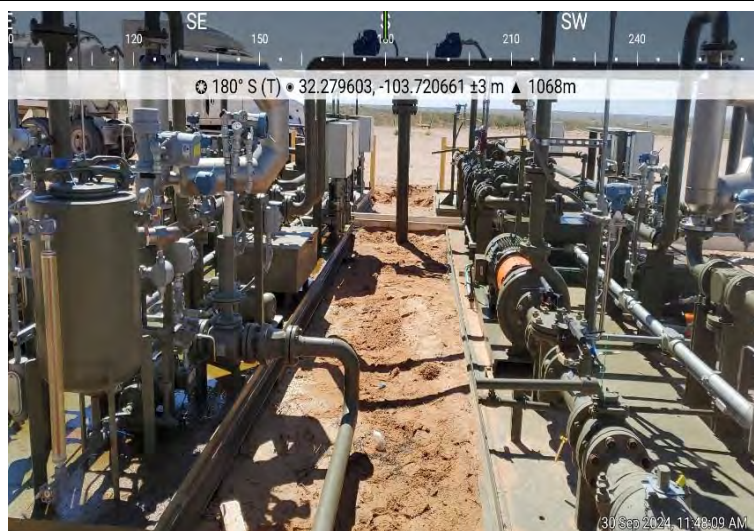
Description:
View of Area of Concern (nAPP2427431240)

**Photograph No. 9**

Facility: Right Meow 30 CTB 1

County: Lea County, New Mexico

Description:
View of Area of Concern (nAPP2427431240)



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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

May 29, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RIGHT MEOW 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 05/22/24 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive style with a large, stylized 'C' at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2024
 Reported: 05/29/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: NONE GIVEN
 Project Location: DEVON- LEA CO, NM

Sampling Date: 05/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 0 - 6" (H242836-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	2.27	113	2.00	0.762	
Toluene*	0.055	0.050	05/23/2024	ND	2.35	117	2.00	0.784	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.29	114	2.00	0.493	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	7.04	117	6.00	0.722	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	05/23/2024	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	05/28/2024	ND	187	93.5	200	0.0492	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	203	101	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2024
 Reported: 05/29/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: NONE GIVEN
 Project Location: DEVON- LEA CO, NM

Sampling Date: 05/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 1' (H242836-02)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/23/2024	ND	2.27	113	2.00	0.762		
Toluene*	<0.050	0.050	05/23/2024	ND	2.35	117	2.00	0.784		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.29	114	2.00	0.493		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	7.04	117	6.00	0.722		
Total BTX	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7440	16.0	05/23/2024	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	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2024
 Reported: 05/29/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: NONE GIVEN
 Project Location: DEVON- LEA CO, NM

Sampling Date: 05/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 2' (H242836-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2024	ND	2.16	108	2.00	4.54	
Toluene*	<0.050	0.050	05/24/2024	ND	2.08	104	2.00	7.73	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	103	2.00	8.38	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.11	102	6.00	8.73	
Total BTX	<0.300	0.300	05/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	05/23/2024	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	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: V - 1 3' (H242836-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	2.16	108	2.00	4.54		
Toluene*	<0.050	0.050	05/24/2024	ND	2.08	104	2.00	7.73		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	103	2.00	8.38		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.11	102	6.00	8.73		
Total BTEx	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	05/23/2024	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	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: V - 1 4' (H242836-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	2.16	108	2.00	4.54		
Toluene*	<0.050	0.050	05/24/2024	ND	2.08	104	2.00	7.73		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	103	2.00	8.38		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.11	102	6.00	8.73		
Total BTEX	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	05/23/2024	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	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: V - 1 5' (H242836-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	2.16	108	2.00	4.54		
Toluene*	<0.050	0.050	05/24/2024	ND	2.08	104	2.00	7.73		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	103	2.00	8.38		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.11	102	6.00	8.73		
Total BTEX	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	05/23/2024	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	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: V - 2 0 - 6 " (H242836-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69		
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51		
Total BTEx	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7060	16.0	05/23/2024	ND	432	108	400	7.14	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: V - 2 1' (H242836-08)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69	
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51	
Total BTEx	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10100	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/22/2024
 Reported: 05/29/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: NONE GIVEN
 Project Location: DEVON- LEA CO, NM

Sampling Date: 05/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 2 ' (H242836-09)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69	
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51	
Total BTEx	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	05/23/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: V - 2 3' (H242836-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69		
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51		
Total BTEX	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1200	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: V - 2 4' (H242836-11)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69	
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51	
Total BTEx	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/23/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: V - 2 5' (H242836-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69		
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51		
Total BTEX	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/22/2024
 Reported: 05/29/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: NONE GIVEN
 Project Location: DEVON- LEA CO, NM

Sampling Date: 05/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 3 0 - 6" (H242836-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69		
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51		
Total BTEx	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7730	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: V - 3 1' (H242836-14)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69	
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51	
Total BTEx	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8800	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/22/2024
 Reported: 05/29/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: NONE GIVEN
 Project Location: DEVON- LEA CO, NM

Sampling Date: 05/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 3 2' (H242836-15)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69	
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51	
Total BTEx	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: V - 3 3' (H242836-16)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69		
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51		
Total BTEX	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3240	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: V - 3 4' (H242836-17)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69		
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51		
Total BTEX	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3080	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Analytical Results For:

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

Received: 05/22/2024
 Reported: 05/29/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: NONE GIVEN
 Project Location: DEVON- LEA CO, NM

Sampling Date: 05/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 3 5' (H242836-18)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69		
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51		
Total BTEx	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/22/2024
 Reported: 05/29/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: NONE GIVEN
 Project Location: DEVON- LEA CO, NM

Sampling Date: 05/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 4 0 - 6" (H242836-19)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69		
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51		
Total BTEX	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7460	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: V - 4 1' (H242836-20)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69		
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51		
Total BTX	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7200	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	207	103	200	0.213	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	227	113	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: V - 4 2' (H242836-21)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.69		
Toluene*	<0.050	0.050	05/23/2024	ND	2.04	102	2.00	6.80		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.06	103	2.00	4.60		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.11	102	6.00	3.51		
Total BTX	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2960	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	174	87.1	200	9.61	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	172	85.8	200	9.31	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/22/2024
 Reported: 05/29/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: NONE GIVEN
 Project Location: DEVON- LEA CO, NM

Sampling Date: 05/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 4 3' (H242836-22)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	2.16	108	2.00	4.54		
Toluene*	<0.050	0.050	05/24/2024	ND	2.08	104	2.00	7.73		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	103	2.00	8.38		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.11	102	6.00	8.73		
Total BTEx	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2840	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	174	87.1	200	9.61	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	172	85.8	200	9.31	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/22/2024
 Reported: 05/29/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: NONE GIVEN
 Project Location: DEVON- LEA CO, NM

Sampling Date: 05/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 4 4' (H242836-23)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	2.16	108	2.00	4.54		
Toluene*	<0.050	0.050	05/24/2024	ND	2.08	104	2.00	7.73		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	103	2.00	8.38		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.11	102	6.00	8.73		
Total BTEx	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2920	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	174	87.1	200	9.61	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	172	85.8	200	9.31	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: V - 4 5' (H242836-24)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2024	ND	2.16	108	2.00	4.54	
Toluene*	<0.050	0.050	05/24/2024	ND	2.08	104	2.00	7.73	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	103	2.00	8.38	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.11	102	6.00	8.73	
Total BTEx	<0.300	0.300	05/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	174	87.1	200	9.61	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	172	85.8	200	9.31	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/22/2024
 Reported: 05/29/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: NONE GIVEN
 Project Location: DEVON- LEA CO, NM

Sampling Date: 05/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 1 0 - 6" (H242836-25)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	2.16	108	2.00	4.54		
Toluene*	<0.050	0.050	05/24/2024	ND	2.08	104	2.00	7.73		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	103	2.00	8.38		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.11	102	6.00	8.73		
Total BTEx	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	174	87.1	200	9.61	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	172	85.8	200	9.31	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: H - 2 0 - 6" (H242836-26)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	2.16	108	2.00	4.54		
Toluene*	<0.050	0.050	05/24/2024	ND	2.08	104	2.00	7.73		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	103	2.00	8.38		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.11	102	6.00	8.73		
Total BTEx	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/23/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	174	87.1	200	9.61	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	172	85.8	200	9.31	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/22/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	RIGHT MEOW 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	DEVON- LEA CO, NM		

Sample ID: H - 3 0 - 6" (H242836-27)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	2.16	108	2.00	4.54		
Toluene*	<0.050	0.050	05/24/2024	ND	2.08	104	2.00	7.73		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	103	2.00	8.38		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.11	102	6.00	8.73		
Total BTEx	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/23/2024	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	05/23/2024	ND	174	87.1	200	9.61	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	172	85.8	200	9.31	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2024
 Reported: 05/29/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: NONE GIVEN
 Project Location: DEVON- LEA CO, NM

Sampling Date: 05/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 4 0 - 6" (H242836-28)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	2.16	108	2.00	4.54		
Toluene*	<0.050	0.050	05/24/2024	ND	2.08	104	2.00	7.73		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	103	2.00	8.38		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.11	102	6.00	8.73		
Total BTEx	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/23/2024	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	05/23/2024	ND	174	87.1	200	9.61	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	172	85.8	200	9.31	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2024
 Reported: 05/29/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: NONE GIVEN
 Project Location: DEVON- LEA CO, NM

Sampling Date: 05/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 5 0 - 6" (H242836-29)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	2.16	108	2.00	4.54		
Toluene*	<0.050	0.050	05/24/2024	ND	2.08	104	2.00	7.73		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	103	2.00	8.38		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.11	102	6.00	8.73		
Total BTEx	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/23/2024	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	05/23/2024	ND	174	87.1	200	9.61	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	172	85.8	200	9.31	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- 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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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a light blue horizontal line.

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTCF Project Manager: Ethan Seaborn Address: 209 W McLean City: Carlsbad State: NM Zip: 88220 Phone #: 254-266-5456 Fax #: Project #: Project Owner: Devon Project Name: Right medu 30 CTB 1 Project Location: Lea Sampler Name: Tyler Lombard				BILL TO P.O. #: 21346581 Company: Devon Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST													
FOR LAB USE ONLY Lab I.D. H242830 11 12 13 14 15 16 17 18 19 20		Sample I.D. V-2 4' V-2 5' V-3 0-6" V-3 1' V-3 2' V-3 3' V-3 4' V-3 5' V-4 0-6" V-4 1'		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		PRESERV. ACID/BASE: ICE / COOL OTHER:		SAMPLING DATE 5-22 TIME 9:30		PH Chlorides BTEX									

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Relinquished By: Date: 5-22-24 Time: 2:20		Received By: Date: 5-22-24 Time: 10:20		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:	
Relinquished By: Date: 5-22-24 Time: 10:20		Received By: Date: 5-22-24 Time: 10:20		REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 2.12 Corrected Temp. °C		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C		Thermometer ID #140 Correction Factor 0°C	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>N-66</u>		BILL TO		ANALYSIS REQUEST																						
Project Manager: <u>Ethan Seaborn</u>		P.O. #: <u>21546581</u>		<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">PH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> </div>																						
Address: <u>209 W McLean</u>		Company: <u>Devon</u>																								
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u>		Attn:																								
Phone #: <u>254-266-5456</u> Fax #:		Address:																								
Project #: _____ Project Owner: <u>Devon</u>		City:																								
Project Name: <u>Right Medu 30 CTB 1</u>		State: _____ Zip: _____																								
Project Location: <u>Lea</u>		Phone #:																								
Sampler Name: <u>Cyler Lombard</u>		Fax #:																								
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
<u>1242830</u>	<u>V-1 0-6"</u>	<u>6</u>	<u>1</u>			<u>X</u>					<u>✓</u>		<u>5-22</u>	<u>9:06</u>												
<u>1</u>	<u>V-1 1'</u>																									
<u>2</u>	<u>V-1 2'</u>																									
<u>3</u>	<u>V-1 3'</u>																									
<u>4</u>	<u>V-1 4'</u>																									
<u>5</u>	<u>V-1 5'</u>																									
<u>6</u>	<u>V-2 0-6"</u>																									
<u>7</u>	<u>V-2 1'</u>																									
<u>8</u>	<u>V-2 2'</u>																									
<u>9</u>	<u>V-2 3'</u>																									
<u>10</u>																										

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Relinquished By: <u>[Signature]</u>	Date: <u>5-22-24</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Time: <u>7:20</u>			All Results are emailed. Please provide Email address:
Relinquished By: <u>[Signature]</u>	Date: <u>5-22-24</u>	Received By: <u>[Signature]</u>	REMARKS:
Time: <u>1420</u>			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C <u>61.0</u> Corrected Temp. °C	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <u>AP</u>
Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> <u>Rush</u> <input type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	Thermometer ID #140 Correction Factor 0°C	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 34 of 34

Company Name: NTC Project Manager: Ethan Seegans Address: 209 W McClary City: Carlsbad State: NM Zip: 88220 Phone #: 254-266-5456 Fax #: Project #: Project Name: Right medial 30 CTB 1 Project Location: Lea Sampler Name: Tyler Kumbali				BILL TO P.O. #: 21346581 Company: Devon Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST																					
FOR LAB USE ONLY Lab I.D. H242830 21 22 23 24 25 26 27 28 29		Sample I.D. V-4 2 V-4 3 V-4 4 V-4 5 H-1 0-6" H-2 H-3 H-4 H-5		(G/RAB OR (C)OMP. 6	# CONTAINERS 1	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	MATRIX X	PRESERV. ACID/BASE: ICE / COOL OTHER:	SAMPLING DATE 5-22 TIME 10:00	pH Chlorides BTEX																	
<p><small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based on any of the above stated reasons or otherwise.</small></p>																											
Relinquished By: [Signature] Relinquished By: [Signature]				Date: 5-22-24 Time: 2:20 Date: 5-22-24 Time: 1420				Received By: [Signature] Received By: [Signature]				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS:															
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Observed Temp. °C: 21.6 Corrected Temp. °C:				Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No				CHECKED BY: (Initials) [Signature]				Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor 0°C Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C											

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October 04, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RIGHT MEOW 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 09/30/24 13:58.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 0-6" (H245927-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	37.1	5.00	10/01/2024	ND	2.10	105	2.00	0.554	
Toluene*	321	5.00	10/01/2024	ND	2.16	108	2.00	0.876	
Ethylbenzene*	70.5	5.00	10/01/2024	ND	2.17	108	2.00	0.263	
Total Xylenes*	660	15.0	10/01/2024	ND	6.56	109	6.00	0.172	
Total BTEX	1090	30.0	10/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/01/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	21500	100	10/02/2024	ND	214	107	200	0.136		
DRO >C10-C28*	36300	100	10/02/2024	ND	208	104	200	0.207		
EXT DRO >C28-C36	5070	100	10/02/2024	ND						

Surrogate: 1-Chlorooctane 499 % 48.2-134

Surrogate: 1-Chlorooctadecane 671 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 1-1.5' (H245927-02)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	21.8	2.00	10/01/2024	ND	2.10	105	2.00	0.554	
Toluene*	225	2.00	10/01/2024	ND	2.16	108	2.00	0.876	
Ethylbenzene*	52.0	2.00	10/01/2024	ND	2.17	108	2.00	0.263	
Total Xylenes*	484	6.00	10/01/2024	ND	6.56	109	6.00	0.172	
Total BTEX	782	12.0	10/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 145 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/01/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10500	100	10/02/2024	ND	214	107	200	0.136	
DRO >C10-C28*	18000	100	10/02/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	2370	100	10/02/2024	ND					

Surrogate: 1-Chlorooctane 368 % 48.2-134

Surrogate: 1-Chlorooctadecane 289 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 2-2.5' (H245927-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.059	0.050	10/01/2024	ND	2.10	105	2.00	0.554	
Toluene*	0.334	0.050	10/01/2024	ND	2.16	108	2.00	0.876	
Ethylbenzene*	0.136	0.050	10/01/2024	ND	2.17	108	2.00	0.263	
Total Xylenes*	1.50	0.150	10/01/2024	ND	6.56	109	6.00	0.172	
Total BTEX	2.02	0.300	10/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 134 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/01/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	56.7	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	376	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	40.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 3-3.5' (H245927-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/01/2024	ND	2.10	105	2.00	0.554		
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	0.876		
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.17	108	2.00	0.263		
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.56	109	6.00	0.172		
Total BTEx	<0.300	0.300	10/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/01/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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

Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 4-4.5' (H245927-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/01/2024	ND	2.10	105	2.00	0.554		
Toluene*	0.163	0.050	10/01/2024	ND	2.16	108	2.00	0.876		
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.17	108	2.00	0.263		
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.56	109	6.00	0.172		
Total BTEx	<0.300	0.300	10/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/01/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	25.7	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 2 0-6" (H245927-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	20.9	5.00	10/02/2024	ND	2.10	105	2.00	0.554	
Toluene*	218	5.00	10/02/2024	ND	2.16	108	2.00	0.876	
Ethylbenzene*	49.2	5.00	10/02/2024	ND	2.17	108	2.00	0.263	
Total Xylenes*	471	15.0	10/02/2024	ND	6.56	109	6.00	0.172	
Total BTEX	759	30.0	10/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/01/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	20500	100	10/02/2024	ND	214	107	200	0.136	
DRO >C10-C28*	34500	100	10/02/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	4410	100	10/02/2024	ND					

Surrogate: 1-Chlorooctane 474 % 48.2-134

Surrogate: 1-Chlorooctadecane 573 % 49.1-148

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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 2 1-1.5' (H245927-07)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.53	1.00	10/02/2024	ND	2.10	105	2.00	0.554	
Toluene*	35.8	1.00	10/02/2024	ND	2.16	108	2.00	0.876	
Ethylbenzene*	9.92	1.00	10/02/2024	ND	2.17	108	2.00	0.263	
Total Xylenes*	94.6	3.00	10/02/2024	ND	6.56	109	6.00	0.172	
Total BTEX	143	6.00	10/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 139 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/01/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3200	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	6120	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	759	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 233 % 48.2-134

Surrogate: 1-Chlorooctadecane 150 % 49.1-148

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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 2 2-2.5' (H245927-08)

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	10/01/2024	ND	2.10	105	2.00	0.554	
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	0.876	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.17	108	2.00	0.263	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.56	109	6.00	0.172	
Total BTEx	<0.300	0.300	10/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	15.0	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	163	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	15.8	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 2 3-3.5' (H245927-09)

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	10/01/2024	ND	2.10	105	2.00	0.554		
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	0.876		
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.17	108	2.00	0.263		
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.56	109	6.00	0.172		
Total BTEx	<0.300	0.300	10/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/01/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 2 4-4.5' (H245927-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.055	0.050	10/01/2024	ND	2.10	105	2.00	0.554	
Toluene*	0.158	0.050	10/01/2024	ND	2.16	108	2.00	0.876	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.17	108	2.00	0.263	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.56	109	6.00	0.172	
Total BTEX	<0.300	0.300	10/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	18.7	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 3 0-6" (H245927-11)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	20.0	2.00	10/01/2024	ND	2.10	105	2.00	0.554	
Toluene*	202	2.00	10/01/2024	ND	2.16	108	2.00	0.876	
Ethylbenzene*	45.2	2.00	10/01/2024	ND	2.17	108	2.00	0.263	
Total Xylenes*	426	6.00	10/01/2024	ND	6.56	109	6.00	0.172	
Total BTEX	694	12.0	10/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 142 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/01/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	9160	100	10/02/2024	ND	214	107	200	0.136	
DRO >C10-C28*	14300	100	10/02/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	1620	100	10/02/2024	ND					

Surrogate: 1-Chlorooctane 334 % 48.2-134

Surrogate: 1-Chlorooctadecane 246 % 49.1-148

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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 3 1-1.5' (H245927-12)

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	10/01/2024	ND	2.10	105	2.00	0.554	
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	0.876	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.17	108	2.00	0.263	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.56	109	6.00	0.172	
Total BTEx	<0.300	0.300	10/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/01/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	23.8	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 3 2-2.5' (H245927-13)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.10	105	2.00	0.554	
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	0.876	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.17	108	2.00	0.263	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.56	109	6.00	0.172	
Total BTX	<0.300	0.300	10/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/01/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	45.3	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 3 3-3.5' (H245927-14)

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	10/03/2024	ND	2.10	105	2.00	0.554	
Toluene*	<0.050	0.050	10/03/2024	ND	2.16	108	2.00	0.876	
Ethylbenzene*	0.053	0.050	10/03/2024	ND	2.17	108	2.00	0.263	
Total Xylenes*	0.618	0.150	10/03/2024	ND	6.56	109	6.00	0.172	
Total BTEX	0.671	0.300	10/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 129 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	37.2	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	343	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	37.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 3 4-4.5' (H245927-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.10	105	2.00	0.554	
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	0.876	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.17	108	2.00	0.263	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.56	109	6.00	0.172	
Total BTEx	<0.300	0.300	10/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/01/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	19.2	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 1 0-6" (H245927-16)

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	10/01/2024	ND	2.10	105	2.00	0.554		
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	0.876		
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.17	108	2.00	0.263		
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.56	109	6.00	0.172		
Total BTEx	<0.300	0.300	10/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	25.6	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 2 0-6" (H245927-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/01/2024	ND	2.10	105	2.00	0.554		
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	0.876		
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.17	108	2.00	0.263		
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.56	109	6.00	0.172		
Total BTEx	<0.300	0.300	10/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	47.0	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 3 0-6" (H245927-18)

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	10/01/2024	ND	2.10	105	2.00	0.554		
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	0.876		
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.17	108	2.00	0.263		
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.56	109	6.00	0.172		
Total BTEX	<0.300	0.300	10/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	15.4	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 4 0-6" (H245927-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/01/2024	ND	2.10	105	2.00	0.554		
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	0.876		
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.17	108	2.00	0.263		
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.56	109	6.00	0.172		
Total BTEx	<0.300	0.300	10/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	214	107	200	0.136	
DRO >C10-C28*	11.9	10.0	10/01/2024	ND	208	104	200	0.207	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 5 0-6" (H245927-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.01	101	2.00	5.73		
Toluene*	<0.050	0.050	10/02/2024	ND	1.97	98.4	2.00	5.34		
Ethylbenzene*	0.058	0.050	10/02/2024	ND	2.03	102	2.00	4.54		
Total Xylenes*	0.677	0.150	10/02/2024	ND	6.07	101	6.00	4.39		
Total BTEX	0.735	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/01/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	39.6	10.0	10/01/2024	ND	193	96.7	200	6.82	
DRO >C10-C28*	315	10.0	10/01/2024	ND	199	99.6	200	10.1	QM-07
EXT DRO >C28-C36	30.8	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 6 0-6" (H245927-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.01	101	2.00	5.73		
Toluene*	<0.050	0.050	10/02/2024	ND	1.97	98.4	2.00	5.34		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.03	102	2.00	4.54		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.07	101	6.00	4.39		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	193	96.7	200	6.82	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	199	99.6	200	10.1	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 7 0-6" (H245927-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.01	101	2.00	5.73		
Toluene*	0.213	0.050	10/02/2024	ND	1.97	98.4	2.00	5.34		
Ethylbenzene*	0.068	0.050	10/02/2024	ND	2.03	102	2.00	4.54		
Total Xylenes*	0.711	0.150	10/02/2024	ND	6.07	101	6.00	4.39		
Total BTEX	0.992	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/01/2024	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*	10.3	10.0	10/01/2024	ND	193	96.7	200	6.82	
DRO >C10-C28*	27.3	10.0	10/01/2024	ND	199	99.6	200	10.1	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 8 0-6" (H245927-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.01	101	2.00	5.73		
Toluene*	<0.050	0.050	10/02/2024	ND	1.97	98.4	2.00	5.34		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.03	102	2.00	4.54		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.07	101	6.00	4.39		
Total BTEX	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	193	96.7	200	6.82	
DRO >C10-C28*	43.4	10.0	10/01/2024	ND	199	99.6	200	10.1	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/04/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 09/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 9 0-6" (H245927-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.01	101	2.00	5.73		
Toluene*	<0.050	0.050	10/02/2024	ND	1.97	98.4	2.00	5.34		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.03	102	2.00	4.54		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.07	101	6.00	4.39		
Total BTEX	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	193	96.7	200	6.82	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	199	99.6	200	10.1	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTGF				BILL TO				ANALYSIS REQUEST																					
Project Manager: Ethan Sessums				P.O. #: 2419405																									
Address: 209 W. McKay St				Company: Devon																									
City: Corlsbad State: NM Zip: 88220				Attn: Duke Woodall																									
Phone #: 254-266-5456 Fax #:				Address:																									
Project #: 248711 Project Owner: Devon				City:																									
Project Name: Right Meow 30 CTB 1				State: Zip:																									
Project Location: Ken Co, NM				Phone #:																									
Sampler Name: Kenny Horn				Fax #:																									
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(G/RAB OR C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME															
H245927	V-1	0-6"	G	1		X					✓		9/30		BiEx	TPH	Chloride												
	1-1.5																												
	2-2.5																												
	3-3.5																												
	4-4.5																												
	V-2	0-6"																											
	1-1.5																												
	2-2.5																												
	3-3.5																												
	4-4.5																												

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Relinquished By:	Date: 9/30/24	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: 1558		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		
Delivered By: (Circle One)	Observed Temp. °C 1-1.2	Sample Condition	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C 0.5	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	Bacteria (only) Sample Condition
		CHECKED BY: (Initials) AP	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
			Observed Temp. °C
			Corrected Temp. °C

FORM-000 R 3.0 08/03/24

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476				BILL TO		ANALYSIS REQUEST												
Company Name: MTGE				P.O. #: 21419405														
Project Manager: Ethan Sessums				Company: Devon														
Address: 204 W. McKay St				Attn: Dale Woodall														
City: Corbin State: NM Zip: 88220				Address:														
Phone #: 254-266-5456 Fax #:				City:														
Project #: 248711 Project Owner: Devon				State: Zip:														
Project Name: Right Meow 30 CTB 1				Phone #:														
Project Location: Lea Co, NM				Fax #:														
Sampler Name: Lanny Han																		
FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	BTEx TPH Chloride											
				GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE TIME												
H25227	V-3 0-6"	G	1	X	✓	9/30												
11	↓																	
12																		
13																		
14																		
15																		
16	H-1																	
17	H-2																	
18	H-3																	
19	H-4																	
20	H-5																	

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Relinquished By:	Date: 9/30/24	Received By:	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:	
	Time: 1:58		All Results are emailed. Please provide Email address:		
Relinquished By:	Date:	Received By:	REMARKS:		
	Time:				
Delivered By: (Circle One)	Observed Temp. °C 1.12	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) AP	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C 0.52	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Thermometer ID #140 Correction Factor -0.6°C	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrected Temp. °C



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>MTGE</u>				BILL TO				ANALYSIS REQUEST															
Project Manager: <u>Lanny Han</u>				P.O. #: <u>2419405</u>																			
Address: <u>269 W. McKay St</u>				Company: <u>Devon</u>																			
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u>				Attn: <u>Pat Woodall</u>																			
Phone #: <u>254-266-5456</u> Fax #:				Address:																			
Project #: <u>248711</u> Project Owner: <u>Devon</u>				City:																			
Project Name: <u>Right Meow 30 CTB I</u>				State: Zip:																			
Project Location: <u>Lea Co, NM</u>				Phone #:																			
Sampler Name: <u>Lanny Han</u>				Fax #:																			
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP. # C CONTAINERS		MATRIX		PRESERV.		SAMPLING		DATE		TIME		BTEX		TPH		Chloride	



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

October 16, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RIGHT MEOW 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 10/10/24 13:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/10/2024
 Reported: 10/16/2024
 Project Name: RIGHT MEOW 30 CTB 1
 Project Number: 248711
 Project Location: DEVON- LEA CO, NM

Sampling Date: 10/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 5A (0-.5) (H246178-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2024	ND	2.06	103	2.00	3.05	
Toluene*	<0.050	0.050	10/11/2024	ND	2.18	109	2.00	1.56	
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.34	117	2.00	4.77	
Total Xylenes*	<0.150	0.150	10/11/2024	ND	7.05	118	6.00	6.13	
Total BTEX	<0.300	0.300	10/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/11/2024	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	10/10/2024	ND	193	96.7	200	3.34	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	195	97.5	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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A handwritten signature in black ink, appearing to read "Caley D. Keene", is written over a horizontal line.

Caley D. Keene, Lab Director/Quality Manager



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 399472

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 399472
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2414124712
Incident Name	NAPP2414124712 RIGHT MEOW 30 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAPP2214429367] RIGHT MEOW 30 CTB 1

Location of Release Source	
Please answer all the questions in this group.	
Site Name	RIGHT MEOW 30 CTB 1
Date Release Discovered	05/18/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 23 BBL Recovered: 0 BBL Lost: 23 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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)	there was a pin hole leak on the main 6" water line coming from 3 phase to water tanks. 23 bbls produced water sprayed onto pad. there were no fluids recovered. well was shut in to stop the spill.

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QUESTIONS, Page 2

Action 399472

QUESTIONS (continued)

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QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	False
If all the actions described above have not been undertaken, explain why	there were no fluids recovered

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 11/05/2024
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QUESTIONS, Page 3

Action 399472

QUESTIONS (continued)

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QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>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.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	10100
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	62870
GRO+DRO (EPA SW-846 Method 8015M)	57800
BTEX (EPA SW-846 Method 8021B or 8260B)	1090
Benzene (EPA SW-846 Method 8021B or 8260B)	37
<i>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>	
On what estimated date will the remediation commence	11/11/2024
On what date will (or did) the final sampling or liner inspection occur	11/25/2024
On what date will (or was) the remediation complete(d)	12/09/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	2611
What is the estimated volume (in cubic yards) that will be remediated	355
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>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.</i>	

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QUESTIONS, Page 4

Action 399472

QUESTIONS (continued)

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QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>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>	
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: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 11/05/2024
<i>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.</i>	

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QUESTIONS, Page 5

Action 399472

QUESTIONS (continued)

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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 (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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COMMENTS

Action 399472

COMMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
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COMMENTS

Created By	Comment	Comment Date
csmith	Returned to OCD Review, Duplicate Application to 382324.	11/13/2024

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CONDITIONS

Action 399472

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
nvez	Application accepted for the record. Duplicate report submitted (original App ID 382324) and conditionally approved on September 30, 2024. Remediation Due date is currently December 30, 2024 and will remain in effect.	11/13/2024