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Carlsbad, New Mexico 88220
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May 15, 2024

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

Re: Deferral Request
Caza Operating, LLC
Lennox 33 State #006H
Unit A, Section 32, Township 22S, Range 35E
Site Coordinates: 32.353235, -103.381495
Lea County, New Mexico
Incident ID: nAPP2327052874

Introduction

Mr. Bratcher:

New Tech Global Environmental, LLC (NTGE), on behalf of Caza Operating, LLC (Caza) is pleased to provide this closure report detailing remedial action activities at the Lennox 33 State #006H (Site) release location in Lea County, New Mexico (Figures 1 and 2).

Background

Based on the initial C-141 submitted by Caza and obtained by the New Mexico Oil Conservation District (NMOCD), the release was discovered on September 26th, 2023. The release was due to a flare burp, resulting in the release of 10 barrels (bbls) of crude oil, of which 0 bbls were recovered. Upon discovery, the well was shut-in, and the area was secured.

Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a ½-mile radius of the Site, and the site is located within a low karst area. A copy of the site characterization information and the associated USGS summary report is attached.

General Site Characterization and Groundwater:

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

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MR)	TPH (GRO+MRO)	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
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
Notes: --- = not defined					

Site Assessment Activities

Site assessment activities were conducted to fully characterize and delineate the extent of impacts resulting from the release. Soil samples were collected from the Site using a geotechnical hand auger and submitted to an accredited laboratory for chemical analysis. Soil samples were field screened for volatile organic compounds (VOCs) and chlorides. All soil samples were analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (EPA method 300.0/SM 4500Cl⁻B). The combined analytical results of the Site assessment activities are provided in Table 1. Soil sample locations are shown in Figure 3. Laboratory reports containing analytical methods and chain-of-custody documents are attached.

A photographic log documenting Site conditions is attached. Complete details of each sampling event are further described below.

Initial Assessment

On October 24th, 2023, NTGE conducted site assessment activities to delineate the extent of impacts from the release horizontally and vertically. A total of fifteen (15) vertical sample points (i.e., V-1 through V-15) were installed at depths ranging from 0 – 4.5 ft below ground surface (bgs). Additionally, thirteen (13) horizontal sample points (i.e., H-1 through H-13) were installed at depths of 0 - 0.5 ft bgs. Vertical sample points V-1 through V-4 were unable to be extended to a depth necessary for delineation due to restriction from the pad. On November 7th, 2023, a total of three (3) test pits (TP-1, TP-2, and TP-4) were installed in the restricted areas to gather data missing for full delineation.

Analytical results from the initial assessment activities identified elevated TPH and chloride concentrations at vertical sample points V-1, V-2, and V-4, along with horizontal sample point H-1, respectively. Analytical results of all remaining samples were below the regulatory limits for all analytes. Analytical results indicated that TPH, and chloride impacts were confined to the upper 5 ft bgs.

Excavation, Waste Management and Confirmation Sampling

Based on the Site assessment activities, Caza proceeded with remedial action activities at the Site to include the excavation and disposal of impacted soils above regulatory limits. The impacted soil was excavated to depths ranging from 1 – 5 ft bgs. Upon completion, excavation base and sidewall samples were collected to ensure impacted soil was removed. The confirmation samples were collected in accordance with the one sample per 200 ft² guideline established in the regulatory criteria. On March 15th, 2024, a total of forty-two (42) base (i.e., CS-1 through CS-42) and twenty-one (21) sidewall (i.e., SW-1 through SW-21) samples were collected. Of the samples collected, a total of thirty (30) samples (i.e., CS-1, CS-2, CS-3, CS-3, CS-4, CS-5, CS-6, CS-7, CS-9, CS-10, CS-17, CS-18, CS-19, CS-21, CS-22, CS-24, CS-25, CS-26, CS-30, CS-32, CS-33, CS-36, CS-37, CS-40, SW-11, SW-12, SW-14, SW-15, SW-18, SW-19, and SW-20) were above the regulatory limits for TPH.

After further excavation the site was resampled on April 4th, 2024. A total of twenty-four (24) base samples (i.e., CS-1, CS-2, CS-3, CS-4, CS-5, CS-6, CS-7, CS-8, CS-9, CS-10, CS-16, CS-17, CS-18, CS-21, CS-22, CS-24, CS-25, CS-26, CS-30, CS-32, CS-33, CS-36, CS-37, and CS-40) and twenty-two (22) sidewall samples (i.e., SW-11A, SW-12A, SW-14A, SW-15A, SW-18A, SW-19A, SW-20A, SW-21, SW-22, SW-23, SW-24, SW-25, SW-26, SW-27, SW-28, SW-29, SW-30, SW-31, SW-32, SW-33, SW-34, and SW-35) were collected. Of the Samples collected, a total of six (6) samples (i.e., CS-2, CS-5, CS-7, CS-8, CS-21, and CS-37) were above regulatory limits for chlorides. After further excavation the site was resampled on April 30th, 2024. A total of six (6) base samples (i.e., CS-2, CS-5, CS-7, CS-8, CS-21, and CS-37) were collected and analyzed to be below regulatory limits for all analytes. On May 14th, 2024, NTGE returned to the site to collect CS-19 and was analyzed to be below all regulatory limits.

The excavation extent, excavation depths, and confirmation sample locations are shown on Figure 4. A total of approximately 1,214 cubic yards (yd³) of impacted soils were excavated and hauled to a permitted disposal facility. The confirmation samples were analyzed for BTEX 8021M, TPH 8015M, and Chloride 300.0/SM 4500ClB. Copies of laboratory analysis and chain-of-custody documentation are attached. The analytical results are summarized in Table 2.

Closure and Deferral Request

Caza personnel have expressed that the excavation areas cannot be expanded vertically or horizontally due to the presence of facility infrastructure (i.e., flare) within the excavation and the associated safety concerns in further encroaching the infrastructure. The infrastructure within the excavation is shown in Figure 5.

On behalf of Caza, NTG Environmental formally requests a deferral to address the remaining soil impacts around the flare (i.e., CS-34, CS-35, and CS-36) at the time of facility decommissioning or in the event infrastructure modifications are made in the area that would alleviate the safety concerns, whichever is sooner. Should the deferral request be granted, a remedial action report documenting excavation expansion and confirmation sampling activities will be prepared and filed following completion of the further actions to be completed at a future date.

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

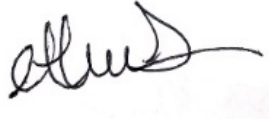
**Creating a Better Environment
For Oil & Gas Operations**

Sincerely,

NTG Environmental



Kellan Smith
Project Scientist



Ethan Sessums
Project Manager

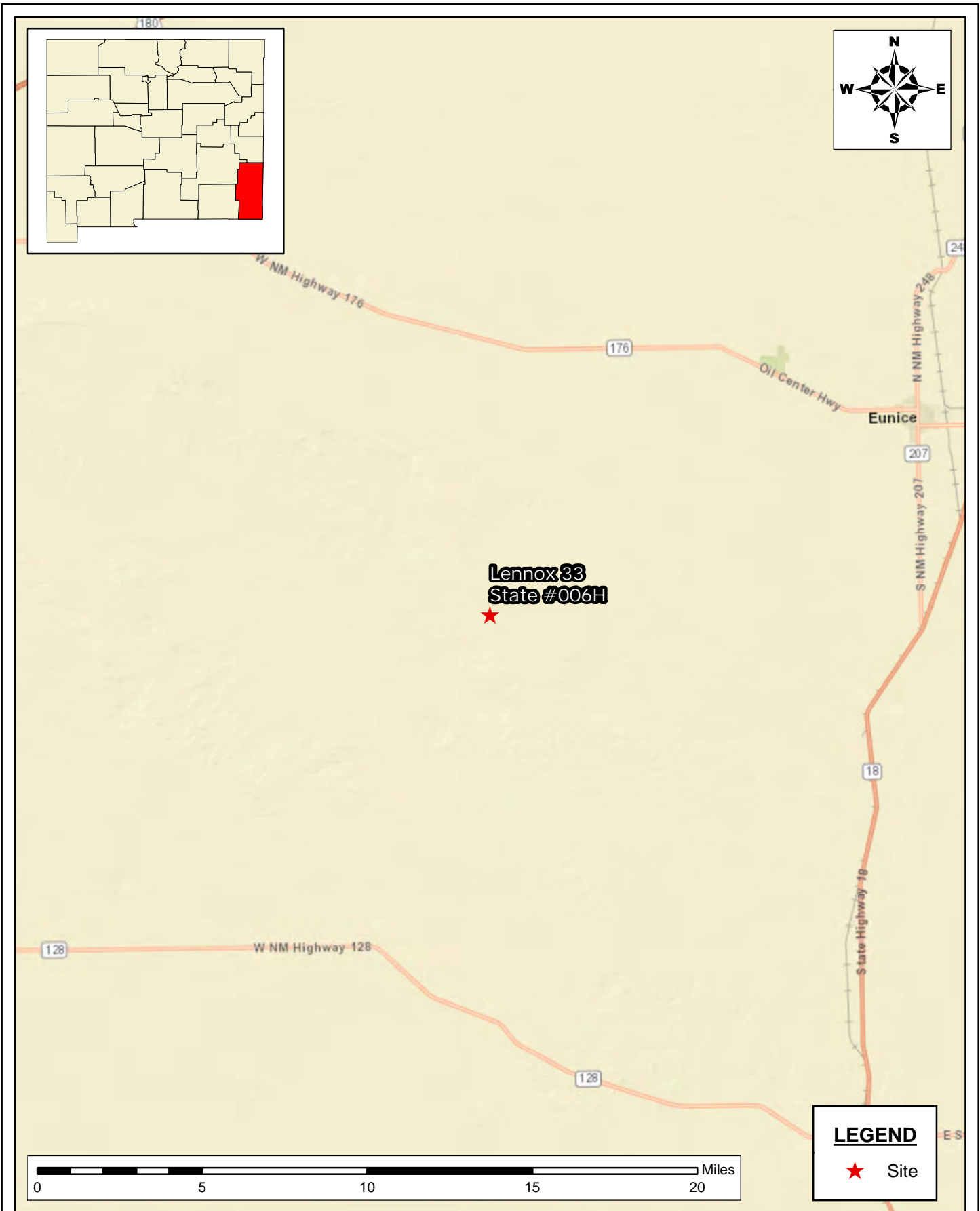
Encl. Figure 1 – Site Location Map
Figure 2 – Area Map
Figure 3 – Assessment Sample Location Map
Figure 4 – Confirmation Sampling Map
Figure 5 -- Deferral Map
Table 1 – Summary of Soil Analytical Data – Confirmation Samples
Table 2 – Summary of Soil Analytical Data – Delineation Samples
Attachment A – Site Characterization Documentation
Attachment B – Photographic Log
Attachment C – Laboratory Analytical Reports and Chain-of-Custody Documentation

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FIGURES



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SITE LOCATION MAP
DEFERRAL REQUEST
CAZA OPERATING, LLC
LENNOX 33 STATE #006H
LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 1/10/2024 PROJECT #:237314

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



NOTES:

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

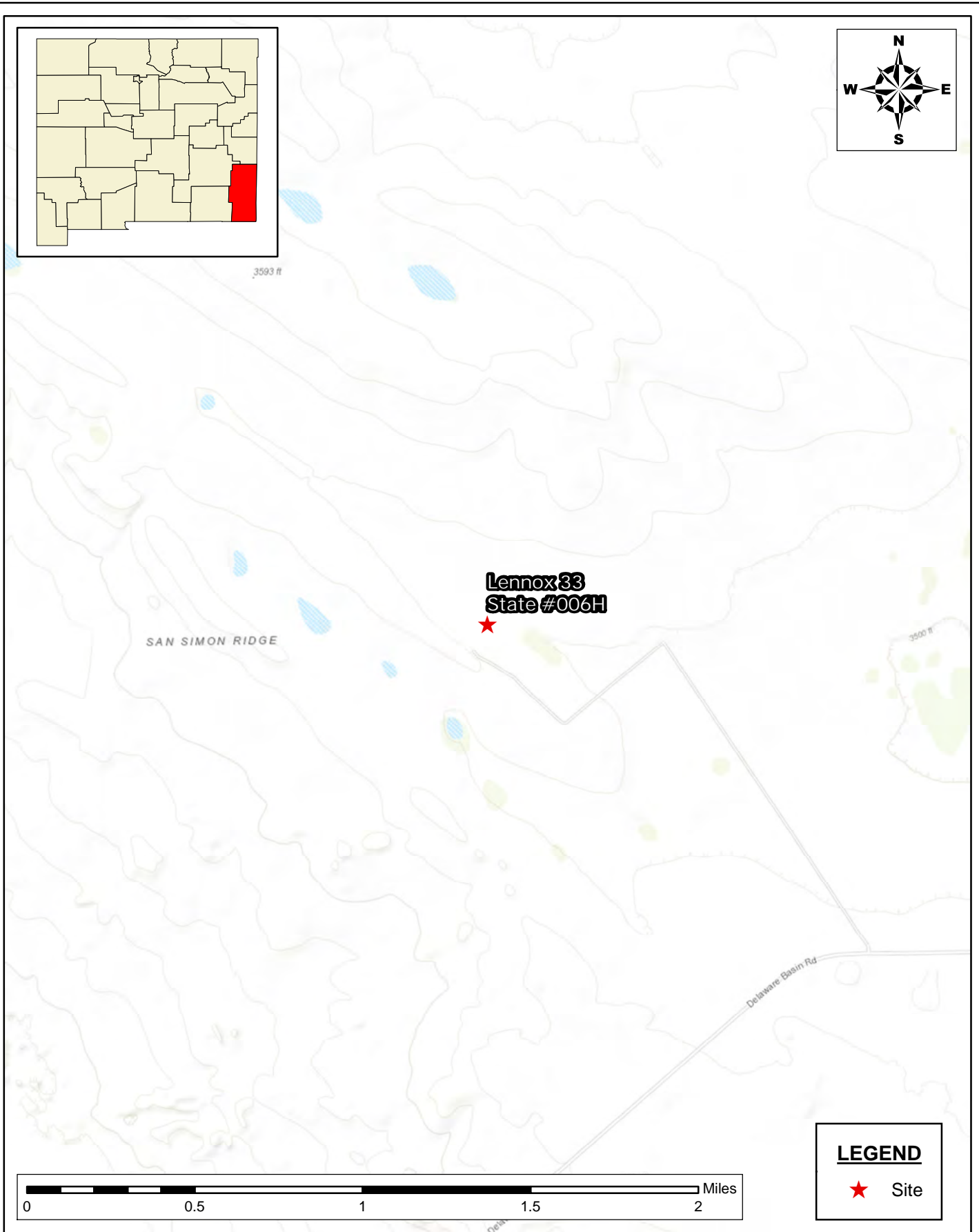
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FIGURE 1

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SITE LOCATION MAP
DEFERRAL REQUEST
CAZA OPERATING, LLC
LENNOX 33 STATE #006H
LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 1/10/2024 PROJECT #:237314


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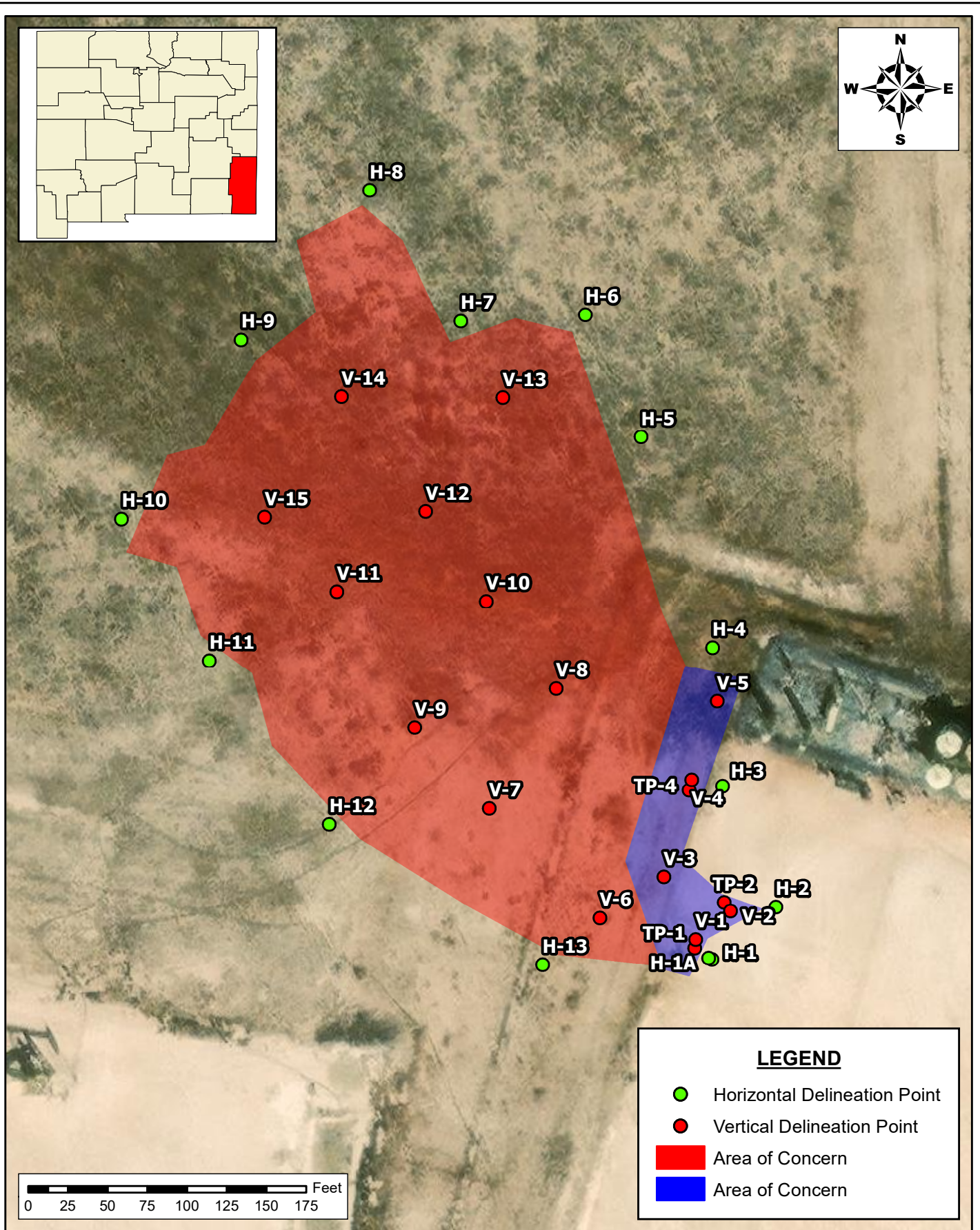
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FIGURE 2

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DELINEATION MAP
DEFERRAL REQUEST
CAZA OPERATING, LLC
LENNOX 33 STATE #006H
LEA COUNTY, NEW MEXICO

SCALE: As Shown

Date: 5/16/2024

PROJECT #:237314



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NOTES:

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

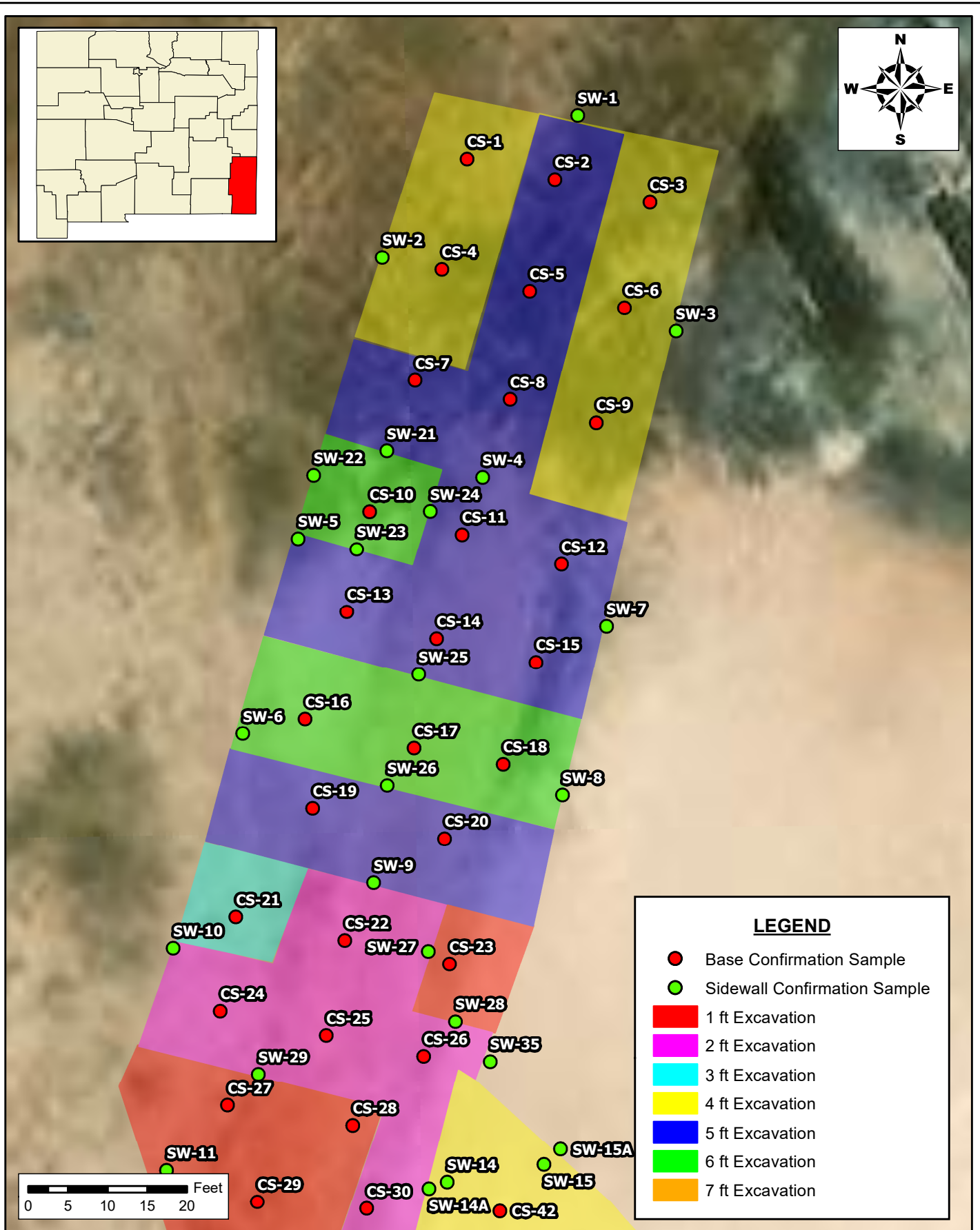
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FIGURE 3

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CONFIRMATION SAMPLING MAP
DEFERRAL REQUEST
CAZA OPERATING, LLC
LENNOX 33 STATE #006H
LEA COUNTY, NEW MEXICO

SCALE: As Shown

Date: 5/16/2024

PROJECT #237314



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NOTES:

1. Base Image: ESRI Maps & Data 2013
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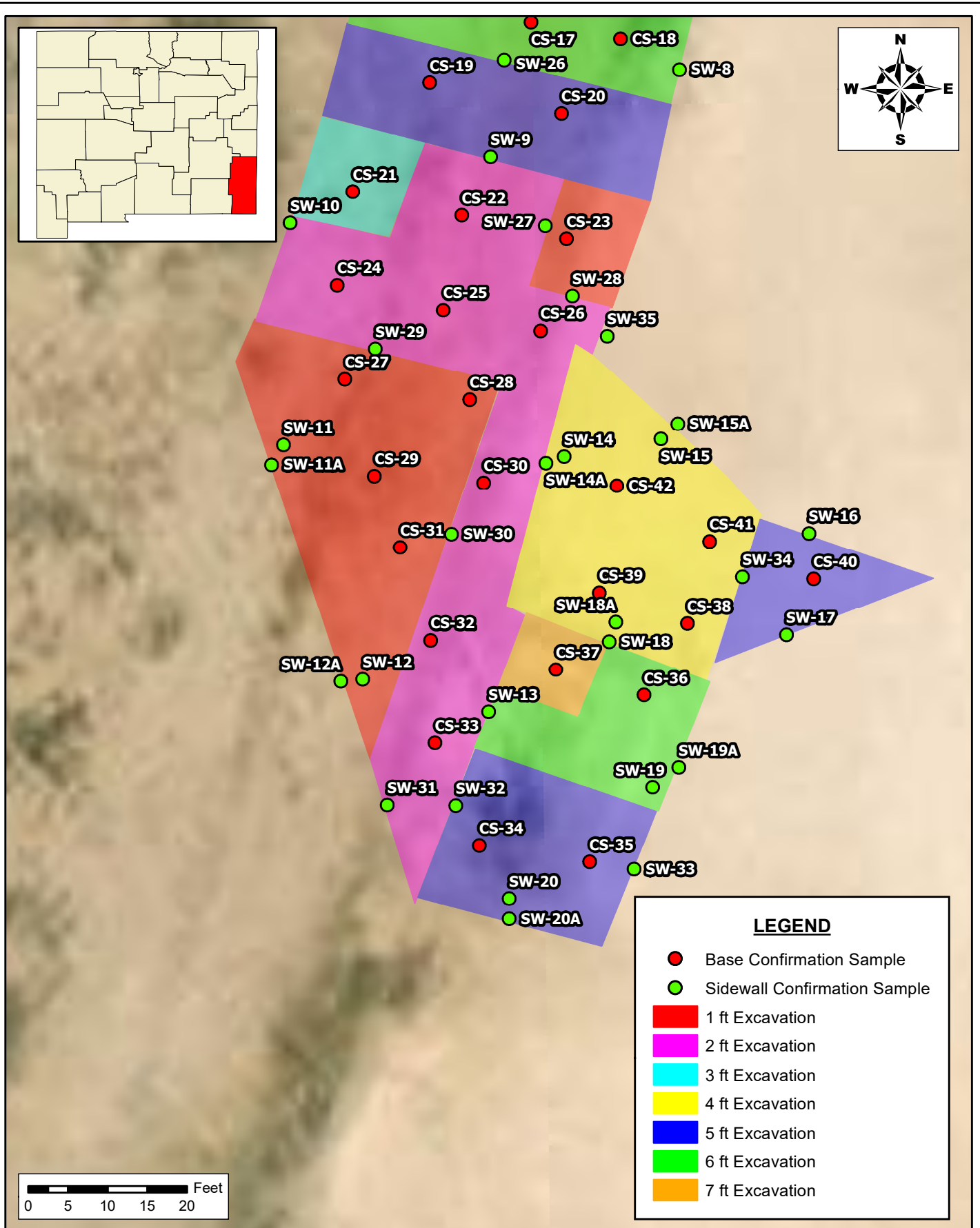
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FIGURE 4A

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CONFIRMATION SAMPLING MAP
DEFERRAL REQUEST
CAZA OPERATING, LLC
LENNOX 33 STATE #006H
LEA COUNTY, NEW MEXICO

SCALE: As Shown

Date: 5/16/2024

PROJECT #: 237314



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NOTES:

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

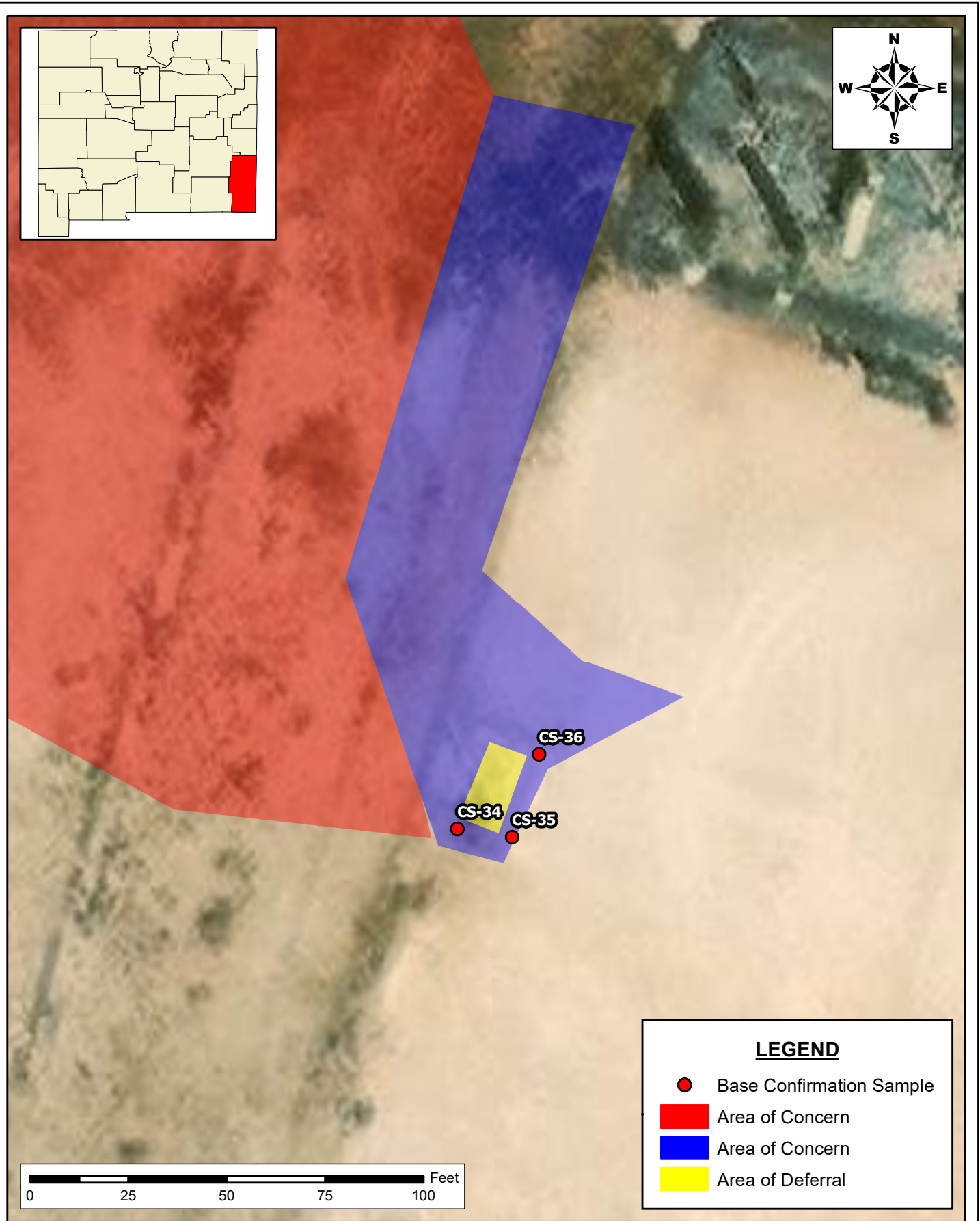
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FIGURE 4B

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DEFERRAL MAP
DEFERRAL REQUEST
CAZA OPERATING, LLC
LENNOX 33 STATE #006H
LEA COUNTY, NEW MEXICO

SCALE: As Shown

Date: 5/16/2024

PROJECT #237314



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NOTES:

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

DRAWING NUMBER:

FIGURE 5

SHEET NUMBER:

1 of 1

TABLES



Table 1
Summary of Soil Analytical Data - Delineation Samples
Lennox 33 State 6
Caza Operating, LLC
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO/DRO/MRO	(mg/kg)
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
Vertical Delineation Samples													
V-1	10/24/2023	0-0.5'	<0.050	0.252	0.55	2.45	3.25	55.5	11200	11255.5	3000	14255.5	17600
V-2	10/24/2023	0-0.5'	<0.050	1.22	6.96	40	48.2	905	16400	17305	3080	20385	160
V-3	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	10/24/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.1	17.1	<10.0	17.1	160
V-4	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1870	1870	925	2795	16
V-5	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
	10/24/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
V-6	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
	10/24/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
V-7	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.8	<10.0	<10.0	18.8	<16
	10/24/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
V-8	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	10/24/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
V-9	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
	10/24/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
V-10	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	10/24/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
V-11	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	10/24/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
V-12	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	64.8	64.8	16.5	81.3	16
	10/24/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
V-13	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	10/24/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
V-14	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
	10/24/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
V-15	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
	10/24/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
TP-1	12/12/2023	1'	1.66	24.7	13.6	37.9	77.86	521	13800	14321	5130	19451	609
	12/12/2023	2'	0.26	8.73	5.36	17.6	31.95	367	9880	10247	3550	13797	126
	12/12/2023	3'	<0.050	0.189	0.287	1.19	1.666	51.5	705	756.5	270	1026.5	284
	12/12/2023	4'	<0.050	0.552	0.793	3.3	4.645	96.5	2720	2816.5	1230	4046.5	469
	12/12/2023	5'	<0.050	0.573	0.679	3.24	4.492	77.7	398	475.7	124	599.7	475
	12/12/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	52.6
TP-2	12/12/2023	1'	<0.050	<0.050	0.0285	0.196	0.2245	<10.0	379	379	128	507	41.5
	12/12/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	39.7
	12/12/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	203	203	83.8	286.8	58.1
	12/12/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	91.1	91.1	59	150.1	31.1
	12/12/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	35.8
	12/12/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	25.7

Table 1
Summary of Soil Analytical Data - Delineation Samples
Lennox 33 State 6
Caza Operating, LLC
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	---	---	---	---	---	---	100 mg/kg	600 mg/kg		
TP-4	12/12/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	40
	12/12/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	101
	12/12/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	297
	12/12/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
	12/12/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	695
	12/12/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	35.4
Horizontal Delineation Samples													
H-1	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	967	967	229	1196	12900
H-1A	12/12/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	24
H-2	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
H-3	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
H-4	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.8	18.8	<10.0	18.8	128
H-5	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
H-6	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
H-7	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-8	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-9	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.1	24.1	<10.0	24.1	32
H-10	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-11	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-12	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-13	10/24/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16

Notes:

- Values reported in mg/kg
- < = Value Less Than Reporting Limit (RL)
- Bold indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B
- SP-1 Sample Point Excavated

- TPH analyses by EPA Method SW 8015 Mod.
- 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).

- Not Analyzed

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Lennox 33 State #6H
Caza Operating LLC
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-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
Confirmation Base Samples													
CS-1	3/15/2024	2.5'	<0.050	0.519	0.5	2.46	3.47	57.3	1850	1907.3	288	2195.3	16
	4/4/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	47.3	47.3	<10.0	47.3	592
CS-2	3/15/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	107	107	17.6	124.6	16
	4/4/2024	4'	<0.050	<0.050	<0.050	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736
CS-3	3/15/2024	2.5'	<0.050	0.086	0.112	1.05	1.24	22.8	1050	1072.8	187	1259.8	32
	4/4/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15	15	<10.0	15	560
CS-4	3/15/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	832	832	145	977	16
	4/4/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
CS-5	3/15/2024	2.5'	<0.050	0.103	<0.050	2.06	2.16	45.5	6790	6835.5	1220	8055.5	32
	4/4/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	688
CS-6	3/15/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	4/4/2024	4'	<0.050	1.07	0.966	12.8	14.8	305	16600	16905	2790	19695	16
CS-7	3/15/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512
	4/4/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1500	1500	267	1767	16
CS-8	3/15/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	4/4/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	608
CS-9	3/15/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	4/4/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.2	21.2	<10.0	21.2	592
CS-10	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	148	148	23.9	171.9	112
	4/4/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-11	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	66.8	66.8	<10.0	66.8	48
CS-12	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	26.3	26.3	<10.0	26.3	272
CS-13	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	93.2	93.2	<10.0	93.2	368
CS-14	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	61.9	61.9	<10.0	61.9	112
CS-15	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	63.8	63.8	<10.0	63.8	336
CS-16	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	74.1	74.1	<10.0	74.1	368
	4/4/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
CS-17	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	144	144	23	167	96
	4/4/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	68.4	68.4	16.1	84.5	288
CS-18	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	323	323	48.4	371.4	304
	4/4/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.3	15.3	<10.0	15.3	256
CS-19	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	94.1	94.1	19.2	113.3	400
	5/14/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Lennox 33 State #6H
Caza Operating LLC
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
CS-20	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	74.5	74.5	<10.0	74.5	384
CS-21	3/15/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	249	249	67.1	216.1	192
	4/4/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	159	159	29.9	188.9	48
	4/30/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-22	3/15/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	90.7	90.7	18.2	108.9	144
	4/4/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.9	14.9	<10.0	14.9	352
CS-23	3/15/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	38.7	38.7	<10.0	38.7	80
CS-24	3/15/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	90.4	90.4	26.3	116.7	96
	4/4/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
CS-25	3/15/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	135	135	43.4	178.4	128
	4/4/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-26	3/15/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	434	434	115	549	96
	4/4/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.1	12.1	<10.0	12.1	48
CS-27	3/15/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	78.7	78.7	19.1	97.8	48
CS-28	3/15/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-29	3/15/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-30	3/15/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	169	169	41.8	210.8	144
	4/4/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	55.5	55.5	<10.0	55.5	384
CS-31	3/15/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-32	3/15/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	955	955	253	1208	288
	4/4/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	67.1	67.1	10.7	77.8	336
CS-33	3/15/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	429	429	143	572	128
	4/4/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.2	37.2	<10.0	37.2	272
CS-34	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.3	11.3	<10.0	11.3	112
CS-35	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.4	13.4	<10.0	13.4	160
CS-36	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	88.8	88.8	23.4	112.2	448
	4/4/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
CS-37	3/15/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	538	538	156	694	160
	4/4/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	139	139	31.1	170.1	80
	4/30/2024	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-38	3/15/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-39	3/15/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-40	3/15/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	418	418	124	542	112
	4/4/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-41	3/15/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
CS-42	3/15/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
Confirmation Sidewall Samples													
SW-1	3/15/2024	0-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Lennox 33 State #6H
Caza Operating LLC
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 51-100 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg		600 mg/kg
SW-2	3/15/2024	0-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
SW-3	3/15/2024	0-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.9	13.9	<10.0	13.9	48	
SW-4	3/15/2024	2.5-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128	
SW-5	3/15/2024	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256	
SW-6	3/15/2024	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496	
SW-7	3/15/2024	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
SW-8	3/15/2024	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576	
SW-9	3/15/2024	1-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256	
SW-10	3/15/2024	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
SW-11	3/15/2024	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	803	803	160	963	48	
	4/4/2024	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
SW-12	3/15/2024	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	83.5	83.5	39.7	123.2	208	
	4/4/2024	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
SW-13	3/15/2024	1-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	61.3	61.3	24.9	86.2	192	
SW-14	3/15/2024	1-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	142	142	47.5	189.5	112	
	4/4/2024	2-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
SW-15	3/15/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	216	216	46.1	262.1	112	
	4/4/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
SW-16	3/15/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.3	12.3	<10.0	12.3	368	
SW-17	3/15/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128	
SW-18	3/15/2024	4-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	864	
	4/4/2024	4-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
SW-19	3/15/2024	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	942	942	130	1072	528	
	4/4/2024	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
SW-20	3/15/2024	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	966	966	178	1144	1010	
	4/4/2024	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
SW-21	3/15/2024	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	49.9	49.9	33.4	83.3	128	
SW-21	4/4/2024	4-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
SW-22	4/4/2024	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
SW-23	4/4/2024	5-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
SW-24	4/4/2024	5-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
SW-25	4/4/2024	5-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
SW-26	4/4/2024	5-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
SW-27	4/4/2024	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144	
SW-28	4/4/2024	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
SW-29	4/4/2024	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
SW-30	4/4/2024	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
SW-31	4/4/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	

Table 2
Summary of Soil Analytical Data - Confirmation Samples
 Lennox 33 State #6H
 Caza Operating LLC
 Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
SW-32	4/4/2024	2-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
SW-33	4/4/2024	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
SW-34	4/4/2024	4-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-35	4/4/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48

Notes:

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



Sample Point Excavated

- TPH analyses by EPA Method SW 8015 Mod.
- 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).

- Not Analyzed

ATTACHMENT A: SITE CHARACTERIZATION DOCUMENTATION

NMOCD Closure Criteria

Lennox 33 State #006H

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater (ft bgs)	N/A	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	National Wetlands Inventory (NWS)
Horizontal Distance to Nearest Significant Watercourse (ft)	N/A	National Wetlands Inventory (NWS)

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater (ft)		Closure Criteria (mg/kg)				
		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50	x	600	100	--	50	10
51 - 100		10,000	2,500	1,000	50	10
>100		20,000	2,500	1,000	50	10
Surface Water	Yes/No	in yes, then				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No	600	100		50	10
<200 ft from a lakebed, sinkhole, or playa lake?	No					
Water Well or Water Source						
<500 ft from a spring or a private, domestic fresh waster well used by less that 5 households for domestic or livestock purposes?	No					
<1,000 ft from a fresh water well or spring?	No					
Human and Other Area						
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100 ft from a wetland?	No					
Within an area overlying a subsurface mine?	No					
Within and unstable area?	No					
Within a 100 yr floodplain?	No					

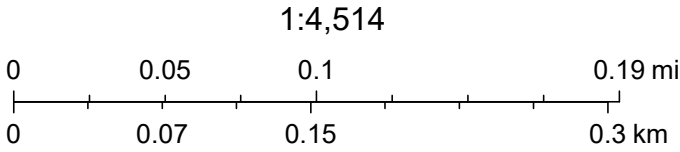
* - numerical limit or background, whichever is greater

OCD Well Locations



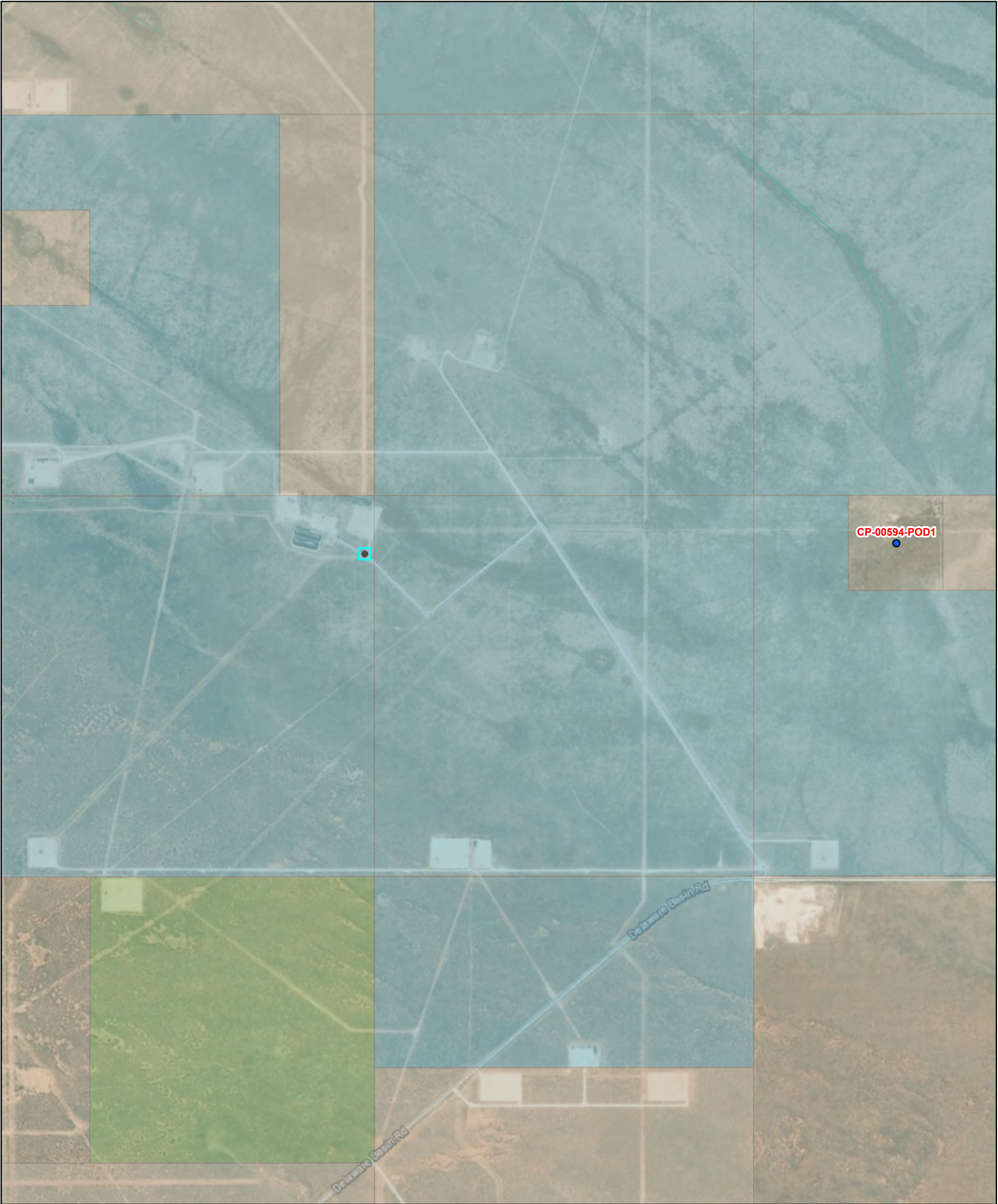
1/10/2024, 1:02:59 PM

- Wells - Large Scale
- Oil, Plugged
 - Oil, Active
 - Oil, Cancelled
 - Oil, New
 - Karst Occurrence Potential
 - Low
 - PLSS First Division
 - PLSS Second Division



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

OSE POD Location Map



1/10/2024, 1:01:06 PM

GIS WATERS PODs

- Active
- OSE District Boundary

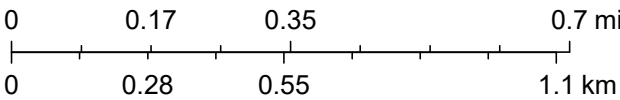
Water Right Regulations

- Closure Area

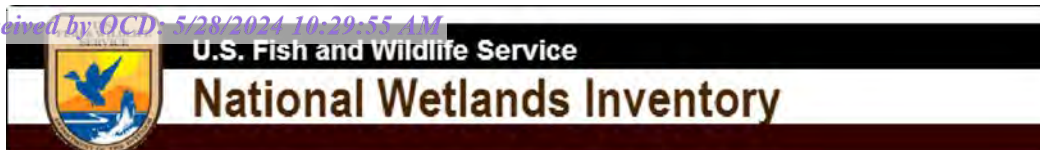
New Mexico State Trust Lands NHD Flowlines

- Subsurface Estate
- Surface Estate
- Both Estates
- Artificial Path
- Stream River

1:18,056



Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar



Wetlands



January 10, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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




- Lake
- Other
- Riverine

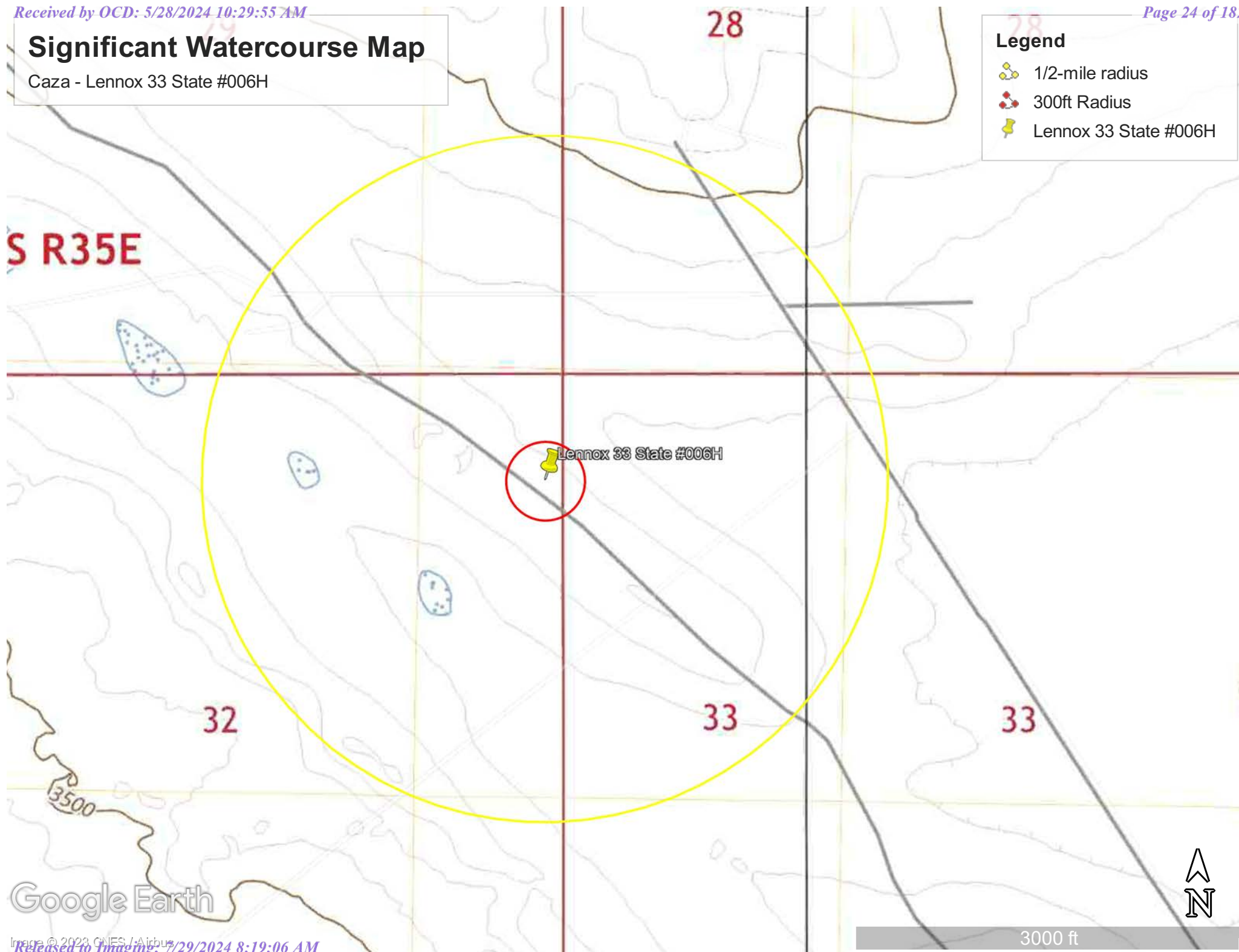
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Significant Watercourse Map

Caza - Lennox 33 State #006H

Legend

-  1/2-mile radius
-  300ft Radius
-  Lennox 33 State #006H



Google Earth

National Flood Hazard Layer FIRMMette



103°23'12"W 32°21'27"N



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

1:6,000

103°22'35"W 32°20'56"N

Released to Imaging: 7/29/2024 8:19:06 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
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/10/2024 at 3:00 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

OCD Well Locations



1/10/2024, 1:02:59 PM

- Wells - Large Scale
- Oil, Active

●

Oil, Cancelled

●

Oil, New

●

Oil, Plugged

■

Karst Occurrence Potential

■

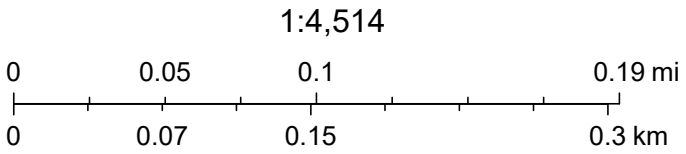
Low

■

PLSS First Division

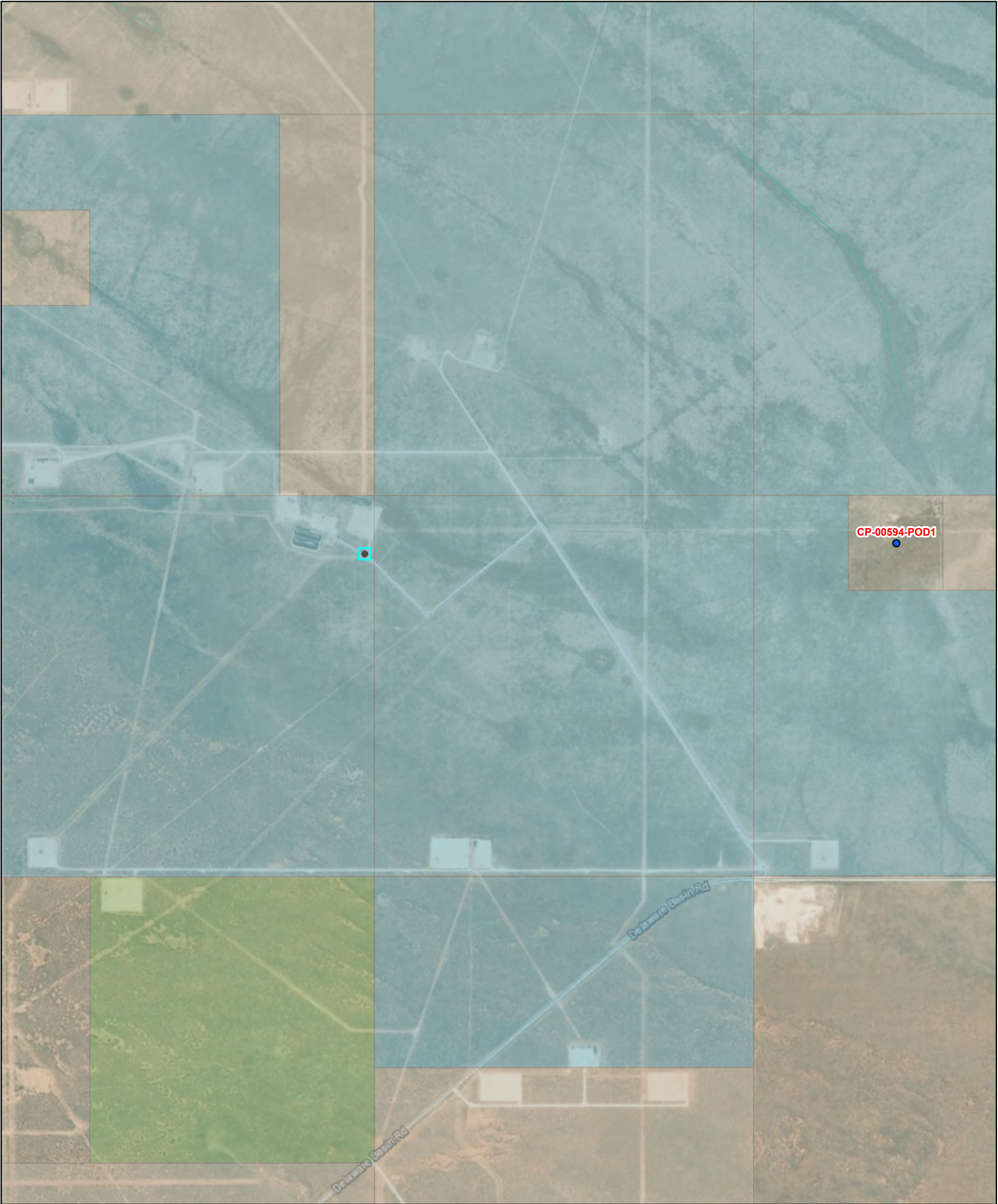
■

PLSS Second Division



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

OSE POD Location Map



1/10/2024, 1:01:06 PM

GIS WATERS PODs

- Active
- OSE District Boundary

Water Right Regulations

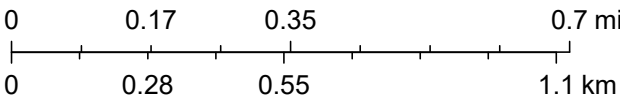
Closure Area

New Mexico State Trust Lands NHD Flowlines

- Subsurface Estate
- Surface Estate
- Both Estates

- Artificial Path
- Stream River

1:18,056






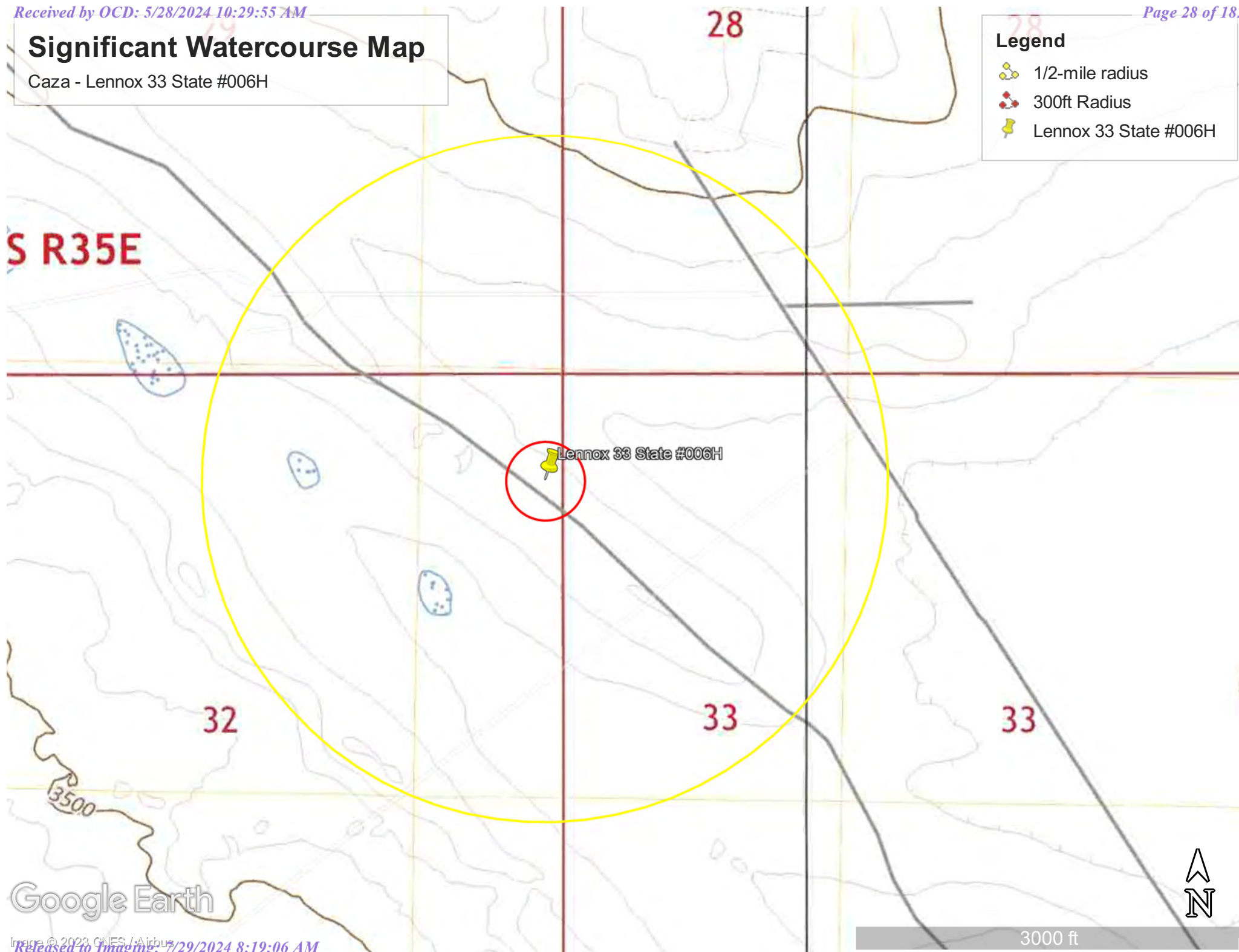
Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Significant Watercourse Map

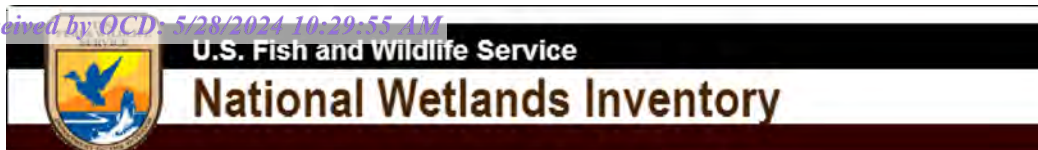
Caza - Lennox 33 State #006H

Legend

-  1/2-mile radius
-  300ft Radius
-  Lennox 33 State #006H



Google Earth



Wetlands



January 10, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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- Other
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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.

ATTACHMENT B: PHOTOGRAPHIC LOG

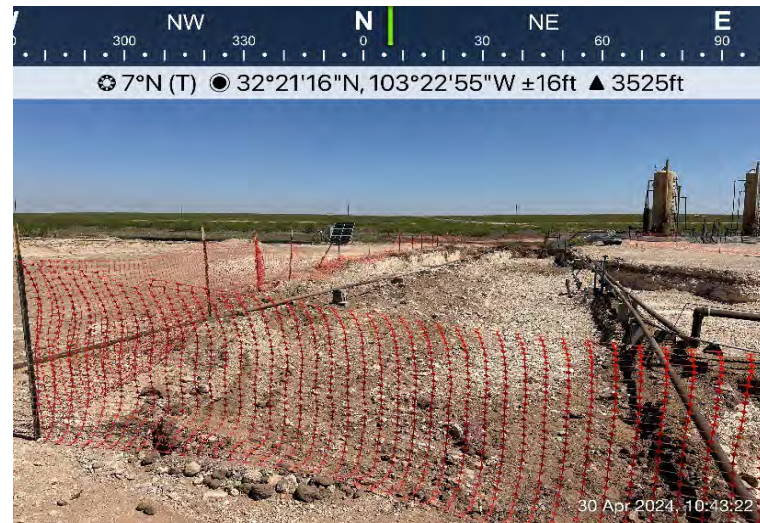


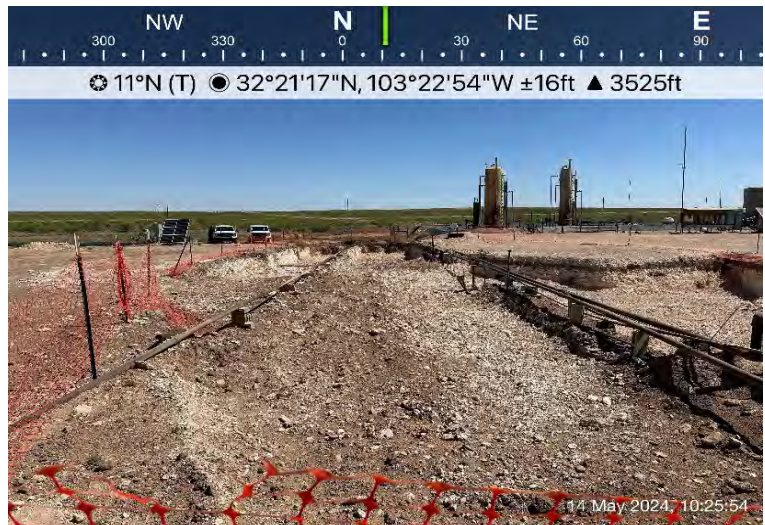
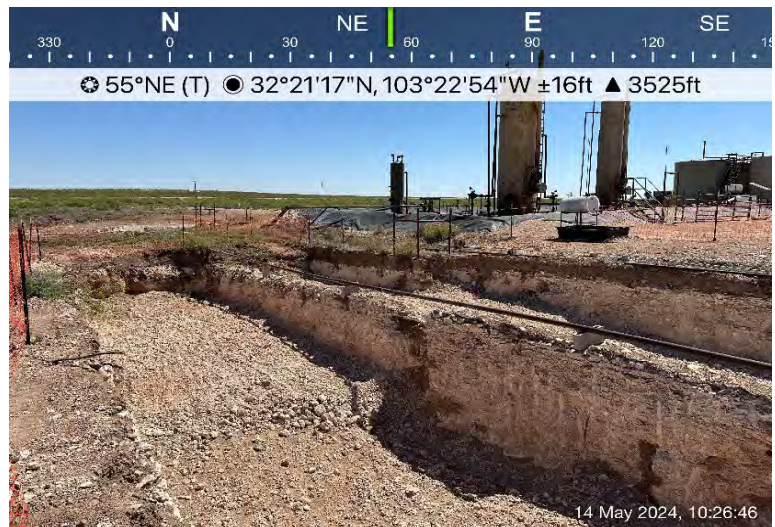
PHOTOGRAPHIC LOG**Caza Operating, LLC,
Lennox 33 State #006H****Photograph No. 1****Facility:** Lennox 33 State #006H**County:** Lea County, New Mexico**Description:**
Area of Concern**Photograph No. 2****Facility:** Lennox 33 State #006H**County:** Lea County, New Mexico**Description:**
Area of Concern.**Photograph No. 3****Facility:** Lennox 33 State #006H**County:** Lea County, New Mexico**Description:**
Area of Concern.

PHOTOGRAPHIC LOG**Caza Operating, LLC,
Lennox 33 State #006H****Photograph No. 4****Facility:** Lennox 33 State #006H**County:** Lea County, New Mexico**Description:**
Area of Concern**Photograph No. 5****Facility:** Lennox 33 State #006H**County:** Lea County, New Mexico**Description:**
Area of Concern.**Photograph No. 6****Facility:** Lennox 33 State #006H**County:** Lea County, New Mexico**Description:**
Area of Concern.

PHOTOGRAPHIC LOG**Caza Operating, LLC,
Lennox 33 State #006H****Photograph No. 7****Facility:** Lennox 33 State #006H**County:** Lea County, New Mexico**Description:**
View of Excavation.**Photograph No. 8****Facility:** Lennox 33 State #006H**County:** Lea County, New Mexico**Description:**
View of Excavation.**Photograph No. 9****Facility:** Lennox 33 State #006H**County:** Lea County, New Mexico**Description:**
View of Excavation.

PHOTOGRAPHIC LOG**Caza Operating, LLC,
Lennox 33 State #006H****Photograph No. 7****Facility:** Lennox 33 State #006H**County:** Lea County, New Mexico**Description:**
View of Excavation.**Photograph No. 8****Facility:** Lennox 33 State #006H**County:** Lea County, New Mexico**Description:**
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Lennox 33 State #006H****Photograph No. 7****Facility:** Lennox 33 State #006H**County:** Lea County, New Mexico**Description:**
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View of Excavation.**Photograph No. 9****Facility:** Lennox 33 State #006H**County:** Lea County, New Mexico**Description:**
View of Excavation.

ATTACHMENT C: LABORATORY ANALYTICAL REPORTS AND CHAIN-OF- CUSTODY DOCUMENTATION



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

March 19, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LENNOX 33 STATE #6H

Enclosed are the results of analyses for samples received by the laboratory on 03/15/24 12:58.

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 "Celey D. Keene". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 1 (2.5') (H241361-01)

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	03/15/2024	ND	2.20	110	2.00	2.38	
Toluene*	0.519	0.050	03/15/2024	ND	2.16	108	2.00	2.31	
Ethylbenzene*	0.500	0.050	03/15/2024	ND	2.14	107	2.00	2.01	QM-07
Total Xylenes*	2.46	0.150	03/15/2024	ND	6.26	104	6.00	2.67	QM-07
Total BTX	3.47	0.300	03/15/2024	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	16.0	16.0	03/18/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	57.3	10.0	03/15/2024	ND	198	99.0	200	1.68	QM-07
DRO >C10-C28*	1850	10.0	03/15/2024	ND	213	107	200	2.95	QM-07
EXT DRO >C28-C36	288	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (2.5') (H241361-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.20	110	2.00	2.38	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	2.31	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.26	104	6.00	2.67	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	03/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	107	10.0	03/15/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	17.6	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 (2.5') (H241361-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.20	110	2.00	2.38	
Toluene*	0.086	0.050	03/16/2024	ND	2.16	108	2.00	2.31	
Ethylbenzene*	0.112	0.050	03/16/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	1.05	0.150	03/16/2024	ND	6.26	104	6.00	2.67	
Total BTEX	1.24	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	03/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	22.8	10.0	03/15/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	1050	10.0	03/15/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	187	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (2.5') (H241361-04)

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	03/16/2024	ND	2.20	110	2.00	2.38	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	2.31	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.26	104	6.00	2.67	
Total BTEx	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	03/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	832	10.0	03/15/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	145	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 5 (2.5') (H241361-05)

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	03/16/2024	ND	2.20	110	2.00	2.38	
Toluene*	0.103	0.050	03/16/2024	ND	2.16	108	2.00	2.31	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	2.06	0.150	03/16/2024	ND	6.26	104	6.00	2.67	
Total BTEX	2.16	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	03/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	45.5	10.0	03/15/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	6790	10.0	03/15/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	1220	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 184 % 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:	03/15/2024	Sampling Date:	03/15/2024
Reported:	03/19/2024	Sampling Type:	Soil
Project Name:	LENNOX 33 STATE #6H	Sampling Condition:	Cool & Intact
Project Number:	237314	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO, NM		

Sample ID: CS - 6 (2.5') (H241361-06)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.20	110	2.00	2.38	
Toluene*	1.07	0.050	03/16/2024	ND	2.16	108	2.00	2.31	
Ethylbenzene*	0.966	0.050	03/16/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	12.8	0.150	03/16/2024	ND	6.26	104	6.00	2.67	
Total BTEX	14.8	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 143 % 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	03/18/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	305	100	03/18/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	16600	100	03/18/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	2790	100	03/18/2024	ND					

Surrogate: 1-Chlorooctane 225 % 48.2-134

Surrogate: 1-Chlorooctadecane 467 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (2.5') (H241361-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.20	110	2.00	2.38		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	2.31		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	2.01		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.26	104	6.00	2.67		
Total BTEX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 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	03/18/2024	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	03/15/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	1500	10.0	03/15/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	267	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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

Received:	03/15/2024	Sampling Date:	03/15/2024
Reported:	03/19/2024	Sampling Type:	Soil
Project Name:	LENNOX 33 STATE #6H	Sampling Condition:	Cool & Intact
Project Number:	237314	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO, NM		

Sample ID: CS - 8 (2.5') (H241361-08)

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	03/16/2024	ND	2.20	110	2.00	2.38	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	2.31	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.26	104	6.00	2.67	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 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	32.0	16.0	03/18/2024	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	03/15/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 9 (2.5') (H241361-09)

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	03/16/2024	ND	2.20	110	2.00	2.38	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	2.31	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.26	104	6.00	2.67	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 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	368	16.0	03/18/2024	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	03/15/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	1070	10.0	03/15/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	242	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 10 (5') (H241361-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.20	110	2.00	2.38	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	2.31	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.26	104	6.00	2.67	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 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	112	16.0	03/18/2024	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	03/15/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	148	10.0	03/15/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	23.9	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 11 (5') (H241361-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.20	110	2.00	2.38		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	2.31		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	2.01		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.26	104	6.00	2.67		
Total BTEx	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	48.0	16.0	03/18/2024	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	03/15/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	66.8	10.0	03/15/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 12 (5') (H241361-12)

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	03/16/2024	ND	2.20	110	2.00	2.38	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	2.31	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.26	104	6.00	2.67	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 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	272	16.0	03/18/2024	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	03/15/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	26.3	10.0	03/15/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 13 (5') (H241361-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.20	110	2.00	2.38		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	2.31		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	2.01		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.26	104	6.00	2.67		
Total BTEX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 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	368	16.0	03/18/2024	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	03/16/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	93.2	10.0	03/16/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 14 (5') (H241361-14)

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	03/16/2024	ND	2.20	110	2.00	2.38	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	2.31	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.26	104	6.00	2.67	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	112	16.0	03/18/2024	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	03/16/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	61.9	10.0	03/16/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 15 (5') (H241361-15)

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	03/16/2024	ND	2.20	110	2.00	2.38	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	2.31	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.26	104	6.00	2.67	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	336	16.0	03/18/2024	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	03/16/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	63.8	10.0	03/16/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 16 (5') (H241361-16)

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	03/16/2024	ND	2.20	110	2.00	2.38	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	2.31	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.26	104	6.00	2.67	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 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	368	16.0	03/18/2024	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	03/16/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	74.1	10.0	03/16/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 17 (5') (H241361-17)

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	03/16/2024	ND	2.20	110	2.00	2.38	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	2.31	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	2.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.26	104	6.00	2.67	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 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	96.0	16.0	03/18/2024	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	03/16/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	144	10.0	03/16/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	23.0	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 107 % 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:	03/15/2024	Sampling Date:	03/15/2024
Reported:	03/19/2024	Sampling Type:	Soil
Project Name:	LENNOX 33 STATE #6H	Sampling Condition:	Cool & Intact
Project Number:	237314	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO, NM		

Sample ID: CS - 18 (5') (H241361-18)

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	03/16/2024	ND	2.21	110	2.00	0.0865		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441		
Total BTEx	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 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	304	16.0	03/18/2024	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	03/16/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	323	10.0	03/16/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	48.4	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 19 (5') (H241361-19)

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	03/16/2024	ND	2.21	110	2.00	0.0865	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441	
Total BTEx	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 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	400	16.0	03/18/2024	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	03/16/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	94.1	10.0	03/16/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	19.2	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 20 (5') (H241361-20)

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	03/16/2024	ND	2.21	110	2.00	0.0865		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441		
Total BTX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 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	384	16.0	03/18/2024	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	03/16/2024	ND	198	99.0	200	1.68	
DRO >C10-C28*	74.5	10.0	03/16/2024	ND	213	107	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 21 (1') (H241361-21)

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	03/16/2024	ND	2.21	110	2.00	0.0865		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441		
Total BTEX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	192	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	249	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	67.1	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 22 (1') (H241361-22)

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	03/16/2024	ND	2.21	110	2.00	0.0865	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	144	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	90.7	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	18.2	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 23 (1') (H241361-23)

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	03/16/2024	ND	2.21	110	2.00	0.0865		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441		
Total BTEX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 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	80.0	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	38.7	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 24 (1') (H241361-24)

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	03/16/2024	ND	2.21	110	2.00	0.0865		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441		
Total BTX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 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	96.0	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	90.4	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	26.3	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 25 (1') (H241361-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	0.0865	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 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	128	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	135	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	43.4	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 26 (1') (H241361-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	0.0865	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	96.0	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	434	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	115	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 84.1 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 27 (1') (H241361-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	0.0865		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441		
Total BTEx	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 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	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	78.7	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	19.1	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/15/2024	Sampling Date:	03/15/2024
Reported:	03/19/2024	Sampling Type:	Soil
Project Name:	LENNOX 33 STATE #6H	Sampling Condition:	Cool & Intact
Project Number:	237314	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO, NM		

Sample ID: CS - 28 (1') (H241361-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	0.0865		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441		
Total BTEx	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 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	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 29 (1') (H241361-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	0.0865		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441		
Total BTEX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 30 (1') (H241361-30)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	0.0865	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441	
Total BTEx	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	169	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	41.8	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 66.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 31 (1') (H241361-31)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	0.0865	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 32 (1') (H241361-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	0.0865		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441		
Total BTEx	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 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	288	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	955	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	253	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

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

Received:	03/15/2024	Sampling Date:	03/15/2024
Reported:	03/19/2024	Sampling Type:	Soil
Project Name:	LENNOX 33 STATE #6H	Sampling Condition:	Cool & Intact
Project Number:	237314	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO, NM		

Sample ID: CS - 33 (1') (H241361-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	0.0865		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441		
Total BTEX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	429	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	143	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	03/15/2024	Sampling Date:	03/15/2024
Reported:	03/19/2024	Sampling Type:	Soil
Project Name:	LENNOX 33 STATE #6H	Sampling Condition:	Cool & Intact
Project Number:	237314	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO, NM		

Sample ID: CS - 34 (5') (H241361-34)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	0.0865	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	11.3	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 35 (5') (H241361-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	0.0865		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441		
Total BTEX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	13.4	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 36 (5') (H241361-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	0.0865		
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441		
Total BTEx	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 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	448	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	88.8	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	23.4	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 37 (5') (H241361-37)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	0.0865	
Toluene*	<0.050	0.050	03/16/2024	ND	2.16	108	2.00	0.220	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	0.286	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.19	103	6.00	0.441	
Total BTEx	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	538	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	156	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 69.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 38 (4') (H241361-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.03	101	6.00	1.58		
Total BTEX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 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	144	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 39 (4') (H241361-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.03	101	6.00	1.58		
Total BTEx	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 40 (4') (H241361-40)

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	03/16/2024	ND	2.18	109	2.00	1.60	
Toluene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	1.66	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.03	101	6.00	1.58	
Total BTX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 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	03/18/2024	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	03/16/2024	ND	192	95.9	200	0.824	
DRO >C10-C28*	418	10.0	03/16/2024	ND	206	103	200	2.86	
EXT DRO >C28-C36	124	10.0	03/16/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 41 (4') (H241361-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.03	101	6.00	1.58		
Total BTEX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	224	16.0	03/18/2024	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	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 42 (4') (H241361-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.03	101	6.00	1.58		
Total BTEx	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	192	16.0	03/18/2024	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	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.9 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (0-2.5') (H241361-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.03	101	6.00	1.58		
Total BTEX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 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	03/18/2024	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	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.4 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (0-2.5') (H241361-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.03	101	6.00	1.58		
Total BTEx	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 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	03/18/2024	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	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 59.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (0-2.5') (H241361-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.03	101	6.00	1.58		
Total BTEX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 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	03/18/2024	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	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	13.9	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 72.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.0 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (2.5-5') (H241361-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.03	101	6.00	1.58		
Total BTEx	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/18/2024	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	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 70.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.3 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (0-5') (H241361-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.03	101	6.00	1.58		
Total BTEx	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 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	256	16.0	03/18/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.4 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (0-5') (H241361-48)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	1.60	
Toluene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	1.66	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.03	101	6.00	1.58	
Total BTEX	<0.300	0.300	03/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 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	496	16.0	03/18/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (0-5') (H241361-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.03	101	6.00	1.58		
Total BTEX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	03/18/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.2 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (0-5') (H241361-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.03	101	6.00	1.58		
Total BTEx	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 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	576	16.0	03/18/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.9 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (1-5') (H241361-51)

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	03/16/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.03	101	6.00	1.58		
Total BTX	<0.300	0.300	03/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 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	256	16.0	03/18/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 10 (0-1') (H241361-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/17/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/17/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.03	101	6.00	1.58		
Total BTEX	<0.300	0.300	03/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 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	16.0	16.0	03/18/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.1 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 11 (0-1') (H241361-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/17/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/17/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.03	101	6.00	1.58		
Total BTEX	<0.300	0.300	03/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 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	48.0	16.0	03/18/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	803	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	160	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 12 (0-1') (H241361-54)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.18	109	2.00	1.60	
Toluene*	<0.050	0.050	03/17/2024	ND	2.12	106	2.00	1.66	
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.07	104	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.03	101	6.00	1.58	
Total BTEX	<0.300	0.300	03/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 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	208	16.0	03/18/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	83.5	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	39.7	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 13 (1-5') (H241361-55)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.18	109	2.00	1.60	
Toluene*	<0.050	0.050	03/17/2024	ND	2.12	106	2.00	1.66	
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.07	104	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.03	101	6.00	1.58	
Total BTEX	<0.300	0.300	03/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 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	192	16.0	03/18/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	61.3	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	24.9	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 60.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.5 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 14 (1-4') (H241361-56)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/17/2024	ND	2.18	109	2.00	1.60		
Toluene*	<0.050	0.050	03/17/2024	ND	2.12	106	2.00	1.66		
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.07	104	2.00	1.64		
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.03	101	6.00	1.58		
Total BTEX	<0.300	0.300	03/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 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	112	16.0	03/18/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	142	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	47.5	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 64.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.2 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 15 (0-4') (H241361-57)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.18	109	2.00	1.60	
Toluene*	<0.050	0.050	03/17/2024	ND	2.12	106	2.00	1.66	
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.07	104	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.03	101	6.00	1.58	
Total BTEX	<0.300	0.300	03/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	112	16.0	03/18/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	216	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	46.1	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 62.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.2 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 16 (0-4') (H241361-58)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	2.18	109	2.00	1.52	
Toluene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.09	105	2.00	0.896	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.30	105	6.00	0.532	
Total BTEX	<0.300	0.300	03/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	368	16.0	03/18/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	12.3	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.2 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 17 (0-4') (H241361-59)

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	03/18/2024	ND	2.18	109	2.00	1.52	
Toluene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.09	105	2.00	0.896	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.30	105	6.00	0.532	
Total BTEX	<0.300	0.300	03/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	128	16.0	03/18/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.6 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 18 (4-5') (H241361-60)

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	03/18/2024	ND	2.18	109	2.00	1.52		
Toluene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	1.04		
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.09	105	2.00	0.896		
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.30	105	6.00	0.532		
Total BTEX	<0.300	0.300	03/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	864	16.0	03/18/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	191	95.4	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	178	88.8	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 69.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.9 % 49.1-148

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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 19 (0-5') (H241361-61)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/18/2024	ND	2.18	109	2.00	1.52		
Toluene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	1.04		
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.09	105	2.00	0.896		
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.30	105	6.00	0.532		
Total BTEX	<0.300	0.300	03/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	528	16.0	03/18/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	239	120	200	8.62	
DRO >C10-C28*	942	10.0	03/15/2024	ND	226	113	200	5.46	
EXT DRO >C28-C36	130	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 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: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 20 (0-5') (H241361-62)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	2.18	109	2.00	1.52	
Toluene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.09	105	2.00	0.896	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.30	105	6.00	0.532	
Total BTEX	<0.300	0.300	03/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	1010	16.0	03/18/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	239	120	200	8.62	
DRO >C10-C28*	966	10.0	03/15/2024	ND	226	113	200	5.46	
EXT DRO >C28-C36	178	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/19/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 03/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 21 (0-1') (H241361-63)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	2.18	109	2.00	1.52	
Toluene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.09	105	2.00	0.896	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.30	105	6.00	0.532	
Total BTEX	<0.300	0.300	03/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	128	16.0	03/18/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	239	120	200	8.62	
DRO >C10-C28*	49.9	10.0	03/15/2024	ND	226	113	200	5.46	
EXT DRO >C28-C36	33.4	10.0	03/15/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

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", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H241361

Page 1 of 7



Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	209 W McKay	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	Esessums@ntglobal.com

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

[illegible]

Additional Comments:	
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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time
1				3-15-24 1258	2				
3					4				
5					6				



Chain of Custody

Work Order No: H241361

Page 2 of 7



Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	209 W McKay	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	Esessums@ntglobal.com

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

Project Name:		Lennox 33 State #6H		Turn Around		Pres. Code	ANALYSIS REQUEST														Preservative Codes												
Project Number:		237314		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																	None: NO DI Water: H ₂ O												
Project Location		Lea Co. NM		Due Date:		48hr		Parameters	BTX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500															Cool: Cool MeOH: Me							
Sampler's Name:		Jill Smiley		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN													
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na													
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="radio"/> No <input type="radio"/>		Wet Ice: Yes <input checked="" type="radio"/> No <input type="radio"/>																				H ₃ PO ₄ : HP							
Received Intact:		Yes <input checked="" type="radio"/> No <input type="radio"/>		Thermometer ID:		740																				NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="radio"/> No <input checked="" type="radio"/> N/A		Correction Factor:																						Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input type="radio"/> No <input checked="" type="radio"/> N/A		Temperature Reading:		1.8°C																				Zn Acetate+NaOH: Zn							
Total Containers:		63		Corrected Temperature:																						NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil						Water		Grab/Comp		# of Cont																Sample Comments	
CS-11 (5')		3/15/2024				x								Comp		1		x x x															
CS-12 (5')		3/15/2024				x				Comp		1		x x x																			
CS-13 (5')		3/15/2024				x				Comp		1		x x x																			
CS-14 (5')		3/15/2024				x				Comp		1		x x x																			
CS-15 (5')		3/15/2024				x				Comp		1		x x x																			
CS-16 (5')		3/15/2024				x				Comp		1		x x x																			
CS-17 (5')		3/15/2024				x				Comp		1		x x x																			
CS-18 (5')		3/15/2024				x				Comp		1		x x x																			
CS-19 (5')		3/15/2024				x				Comp		1		x x x																			
CS-20 (5')		3/15/2024				x				Comp		1		x x x																			

Additional Comments:	
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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time
1				3-15-24 1258	2				
3					4				
5					6				



Chain of Custody

Work Order No: H241361Page 3 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	209 W McKay	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	Esessums@ntglobal.com

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

Project Name:		Lennox 33 State #6H		Turn Around		ANALYSIS REQUEST												Preservative Codes									
Project Number:		237314		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location:		Lea Co. NM		Due Date:		48hr																Cool: Cool MeOH: Me					
Sampler's Name:		Jill Smiley		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Wet Ice:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500		HOLD												H ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140																NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		1.8°C																Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		1.8°C																Zn Acetate+NaOH: Zn					
Total Containers:		63		Corrected Temperature:																		NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-21 (1')		3/15/2024				x				Comp		1		x x x													
CS-22 (1')		3/15/2024				x				Comp		1		x x x													
CS-23 (1')		3/15/2024				x				Comp		1		x x x													
CS-24 (1')		3/15/2024				x				Comp		1		x x x													
CS-25 (1')		3/15/2024				x				Comp		1		x x x													
CS-26 (1')		3/15/2024				x				Comp		1		x x x													
CS-27 (1')		3/15/2024				x				Comp		1		x x x													
CS-28 (1')		3/15/2024				x				Comp		1		x x x													
CS-29 (1')		3/15/2024				x				Comp		1		x x x													
CS-30 (1')		3/15/2024				x				Comp		1		x x x													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	3-15-24 1258			

Revised Date 05/01/2020 Rev 2020 1



Chain of Custody

Work Order No: H241361Page 4 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	209 W McKay	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	Esessums@ntglobal.com

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

Project Name:		Lennox 33 State #6H		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		237314		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location:		Lea Co. NM		Due Date:		48hr														Cool: Cool MeOH: Me							
Sampler's Name:		Jill Smiley		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN							
PO #																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H ₃ PO ₄ : HP							
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		1.8C														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		1.8C														Zn Acetate+NaOH: Zn							
Total Containers:		63		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-31 (1')		3/15/2024				x				Comp		1		x x x													
CS-32 (1')		3/15/2024				x				Comp		1		x x x													
CS-33 (1')		3/15/2024				x				Comp		1		x x x													
CS-34 (5')		3/15/2024				x				Comp		1		x x x													
CS-35 (5')		3/15/2024				x				Comp		1		x x x													
CS-36 (5')		3/15/2024				x				Comp		1		x x x													
CS-37 (5')		3/15/2024				x				Comp		1		x x x													
CS-38 (4')		3/15/2024				x				Comp		1		x x x													
CS-39 (4')		3/15/2024				x				Comp		1		x x x													
CS-40 (4')		3/15/2024				x				Comp		1		x x x													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	3-15-24 1258			

Revised Date 05/12/2020 Rev. 2020 1



Chain of Custody

Work Order No: H241361Page 6 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	209 W McKay	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	Esessums@ntglobal.com

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

Project Name:		Lennox 33 State #6H		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		237314		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location:		Lea Co. NM		Due Date:		48hr														Cool: Cool MeOH: Me							
Sampler's Name:		Jill Smiley		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H ₃ PO ₄ : HP							
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:																Na ₂ S ₂ O ₅ : NaSO ₃							
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		1.8°C														Zn Acetate+NaOH: Zn							
Total Containers:		63		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-9 (1-5')		3/15/2024				x				Comp		1		x x x													
SW-10 (0-1')		3/15/2024				x				Comp		1		x x x													
SW-11 (0-1')		3/15/2024				x				Comp		1		x x x													
SW-12 (0-1')		3/15/2024				x				Comp		1		x x x													
SW-13 (1-5')		3/15/2024				x				Comp		1		x x x													
SW-14 (1-4')		3/15/2024				x				Comp		1		x x x													
SW-15 (0-4')		3/15/2024				x				Comp		1		x x x													
SW-16 (0-4')		3/15/2024				x				Comp		1		x x x													
SW-17 (0-4')		3/15/2024				x				Comp		1		x x x													
SW-18 (4-5')		3/15/2024				x				Comp		1		x x x													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	2 <i>[Signature]</i>	3-15-24 1258			

Revised Date 05/12/2020 Rev 2020 1



Chain of Custody

Work Order No: H241361

Page 7 of 7[illegible]

Revised Date 05/01/2020 Rev. 2020



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

April 10, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LENNOX 33 STATE #6H

Enclosed are the results of analyses for samples received by the laboratory on 04/04/24 13:45.

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 "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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:	04/04/2024	Sampling Date:	04/04/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	LENNOX 33 STATE #6H	Sampling Condition:	Cool & Intact
Project Number:	237314	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO, NM		

Sample ID: CS - 1 (4') (H241762-01)

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	04/08/2024	ND	2.03	102	2.00	1.21	
Toluene*	<0.050	0.050	04/08/2024	ND	2.07	103	2.00	0.453	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.11	106	2.00	0.585	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.21	104	6.00	0.358	
Total BTX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	592	16.0	04/09/2024	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	04/08/2024	ND	192	96.0	200	7.22	
DRO >C10-C28*	47.3	10.0	04/08/2024	ND	183	91.5	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 55.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 51.0 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 2 (4') (H241762-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.03	102	2.00	1.21		
Toluene*	<0.050	0.050	04/08/2024	ND	2.07	103	2.00	0.453		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.11	106	2.00	0.585		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.21	104	6.00	0.358		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	736	16.0	04/09/2024	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	04/08/2024	ND	192	96.0	200	7.22	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	183	91.5	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 66.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.4 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 3 (4') (H241762-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2024	ND	2.03	102	2.00	1.21	
Toluene*	<0.050	0.050	04/08/2024	ND	2.07	103	2.00	0.453	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.11	106	2.00	0.585	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.21	104	6.00	0.358	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	560	16.0	04/09/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	192	96.0	200	7.22	
DRO >C10-C28*	15.0	10.0	04/08/2024	ND	183	91.5	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 65.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.0 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 4 (4') (H241762-04)

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	04/08/2024	ND	2.03	102	2.00	1.21		
Toluene*	<0.050	0.050	04/08/2024	ND	2.07	103	2.00	0.453		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.11	106	2.00	0.585		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.21	104	6.00	0.358		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	416	16.0	04/09/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	192	96.0	200	7.22	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	183	91.5	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.5 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 5 (4') (H241762-05)

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	04/08/2024	ND	2.03	102	2.00	1.21		
Toluene*	<0.050	0.050	04/08/2024	ND	2.07	103	2.00	0.453		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.11	106	2.00	0.585		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.21	104	6.00	0.358		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	688	16.0	04/09/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	192	96.0	200	7.22	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	183	91.5	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 68.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.7 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 6 (4') (H241762-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2024	ND	2.03	102	2.00	1.21	
Toluene*	<0.050	0.050	04/08/2024	ND	2.07	103	2.00	0.453	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.11	106	2.00	0.585	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.21	104	6.00	0.358	
Total BTEX	<0.300	0.300	04/08/2024	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	512	16.0	04/09/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	192	96.0	200	7.22	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	183	91.5	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 (4') (H241762-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.10	105	2.00	2.24		
Toluene*	<0.050	0.050	04/08/2024	ND	2.04	102	2.00	1.67		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.00	100	2.00	1.71		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	5.84	97.4	6.00	1.86		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	04/09/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	192	96.0	200	7.22	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	183	91.5	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 64.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.8 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 8 (4') (H241762-08)

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	04/08/2024	ND	2.10	105	2.00	2.24	
Toluene*	<0.050	0.050	04/08/2024	ND	2.04	102	2.00	1.67	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.00	100	2.00	1.71	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	5.84	97.4	6.00	1.86	
Total BTX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 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	608	16.0	04/09/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	192	96.0	200	7.22	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	183	91.5	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 71.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.2 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 9 (4') (H241762-09)

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	04/08/2024	ND	2.10	105	2.00	2.24	
Toluene*	<0.050	0.050	04/08/2024	ND	2.04	102	2.00	1.67	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.00	100	2.00	1.71	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	5.84	97.4	6.00	1.86	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 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	592	16.0	04/09/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	191	95.7	200	4.78	
DRO >C10-C28*	21.2	10.0	04/08/2024	ND	207	103	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 10 (6') (H241762-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2024	ND	2.10	105	2.00	2.24	
Toluene*	<0.050	0.050	04/08/2024	ND	2.04	102	2.00	1.67	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.00	100	2.00	1.71	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	5.84	97.4	6.00	1.86	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 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	288	16.0	04/09/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	191	95.7	200	4.78	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	207	103	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 16 (6') (H241762-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2024	ND	2.10	105	2.00	2.24	
Toluene*	<0.050	0.050	04/08/2024	ND	2.04	102	2.00	1.67	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.00	100	2.00	1.71	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	5.84	97.4	6.00	1.86	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 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	256	16.0	04/09/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	191	95.7	200	4.78	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	207	103	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 71.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 17 (6') (H241762-12)

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	04/08/2024	ND	2.10	105	2.00	2.24	
Toluene*	<0.050	0.050	04/08/2024	ND	2.04	102	2.00	1.67	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.00	100	2.00	1.71	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	5.84	97.4	6.00	1.86	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/09/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	191	95.7	200	4.78	
DRO >C10-C28*	68.4	10.0	04/08/2024	ND	207	103	200	0.657	
EXT DRO >C28-C36	16.1	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 67.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.7 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 18 (6') (H241762-13)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	QR-03
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	256	16.0	04/09/2024	ND	416	104	400	7.41	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	15.3	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 72.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.8 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 21 (2') (H241762-14)

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	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	04/09/2024	ND	416	104	400	7.41	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	159	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	29.9	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 22 (2') (H241762-15)

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	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	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	352	16.0	04/09/2024	ND	416	104	400	7.41	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	14.9	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 24 (2') (H241762-16)

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	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	272	16.0	04/09/2024	ND	416	104	400	7.41	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 25 (2') (H241762-17)

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	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	04/09/2024	ND	416	104	400	7.41	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 66.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 26 (2') (H241762-18)

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	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	04/09/2024	ND	416	104	400	7.41	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	12.1	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 52.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 52.2 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 30 (2') (H241762-19)

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	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	384	16.0	04/09/2024	ND	416	104	400	7.41	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	55.5	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 65.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 32 (2') (H241762-20)

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	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	336	16.0	04/09/2024	ND	416	104	400	7.41	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	67.1	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	10.7	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 33 (2') (H241762-21)

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	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	272	16.0	04/09/2024	ND	416	104	400	7.41	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	37.2	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 62.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.3 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 36 (6') (H241762-22)

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	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/09/2024	ND	416	104	400	7.41	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 67.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 37 (6') (H241762-23)

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	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	80.0	16.0	04/09/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	139	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	31.1	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 70.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 40 (5') (H241762-24)

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	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	288	16.0	04/09/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 11A (0-1') (H241762-25)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	80.0	16.0	04/09/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 12A (0-1') (H241762-26)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	64.0	16.0	04/09/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 14A (2-4') (H241762-27)

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	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	04/09/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 64.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 15A (0-4') (H241762-28)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	64.0	16.0	04/09/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 18A (4-6') (H241762-29)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	80.0	16.0	04/09/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 77.5 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 19A (0-6') (H241762-30)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2024	ND	1.93	96.6	2.00	0.0337	
Toluene*	<0.050	0.050	04/08/2024	ND	2.17	109	2.00	2.42	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.27	113	2.00	3.22	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	6.78	113	6.00	2.98	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	80.0	16.0	04/09/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 70.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 20A (0-5') (H241762-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08		
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	80.0	16.0	04/09/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 21 (4-6') (H241762-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08		
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	64.0	16.0	04/09/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	239	120	200	14.3	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	240	120	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.6 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 22 (0-6') (H241762-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08		
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	80.0	16.0	04/09/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	187	93.5	200	4.12	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	187	93.4	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 23 (5-6') (H241762-34)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08		
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	04/09/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	187	93.5	200	4.12	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	187	93.4	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.3 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 24 (5-6') (H241762-35)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08		
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	80.0	16.0	04/09/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	187	93.5	200	4.12	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	187	93.4	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 65.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 25 (5-6') (H241762-36)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08		
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	04/09/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	187	93.5	200	4.12	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	187	93.4	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 26 (5-6') (H241762-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08		
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	64.0	16.0	04/09/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	187	93.5	200	4.12	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	187	93.4	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 27 (1-2') (H241762-38)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08	
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	144	16.0	04/09/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	187	93.5	200	4.12	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	187	93.4	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 28 (1-2') (H241762-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08		
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	48.0	16.0	04/09/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	187	93.5	200	4.12	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	187	93.4	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 29 (1-2') (H241762-40)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08		
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	48.0	16.0	04/09/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	187	93.5	200	4.12	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	187	93.4	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 30 (1-2') (H241762-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08		
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	48.0	16.0	04/09/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	187	93.5	200	4.12	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	187	93.4	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.2 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 31 (0-2') (H241762-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08		
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34		
Total BTEx	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	04/09/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2024	ND	187	93.5	200	4.12	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	187	93.4	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.7 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 32 (2-5') (H241762-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08		
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34		
Total BTEX	<0.300	0.300	04/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	96.0	16.0	04/09/2024	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	04/08/2024	ND	187	93.5	200	4.12	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	187	93.4	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 64.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.9 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 33 (0-5') (H241762-44)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08	
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	96.0	16.0	04/09/2024	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	04/08/2024	ND	187	93.5	200	4.12	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	187	93.4	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 34 (4-5') (H241762-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08		
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43		
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6		
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34		
Total BTEX	<0.300	0.300	04/08/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/09/2024	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	04/08/2024	ND	187	93.5	200	4.12	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	187	93.4	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 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: 04/04/2024
 Reported: 04/10/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 35 (0-2') (H241762-46)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2024	ND	2.17	108	2.00	6.08	
Toluene*	<0.050	0.050	04/08/2024	ND	2.31	115	2.00	9.43	
Ethylbenzene*	<0.050	0.050	04/08/2024	ND	2.41	120	2.00	10.6	
Total Xylenes*	<0.150	0.150	04/08/2024	ND	7.17	120	6.00	9.34	
Total BTEX	<0.300	0.300	04/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	04/09/2024	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	04/08/2024	ND	187	93.5	200	4.12	
DRO >C10-C28*	<10.0	10.0	04/08/2024	ND	187	93.4	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	04/08/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H241762Page 1 of 5

Page 49 of 53

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	209 W McKay	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	Esessums@ntglobal.com

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

Project Name:	Lennox 33 State #6H		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes				
Project Number:	237314		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush																			None: NO DI Water: H ₂ O				
Project Location:	Lea Co. NM		Due Date:		Parameters																	Cool: Cool MeOH: Me				
Sampler's Name:	Jill Smiley		TAT starts the day received by the lab, if received by 4:30pm																			HCL: HC HNO ₃ : HN				
PO #:																						H ₂ SO ₄ : H ₂ NaOH: Na				
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																	H ₃ PO ₄ : HP			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140																			NaHSO ₄ : NABIS				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	1.1																		Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	4.3																		Zn Acetate+NaOH: Zn					
Total Containers:	46		Corrected Temperature:																		NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments		
CS-1 (4')		4/4/2024		x		Comp	1	x	x	x																
CS-2 (4')		4/4/2024		x		Comp	1	x	x	x																
CS-3 (4')		4/4/2024		x		Comp	1	x	x	x																
CS-4 (4')		4/4/2024		x		Comp	1	x	x	x																
CS-5 (4')		4/4/2024		x		Comp	1	x	x	x																
CS-6 (4')		4/4/2024		x		Comp	1	x	x	x																
CS-7 (4')		4/4/2024		x		Comp	1	x	x	x																
CS-8 (4')		4/4/2024		x		Comp	1	x	x	x																
CS-9 (4')		4/4/2024		x		Comp	1	x	x	x																
CS-10 (6')		4/4/2024		x		Comp	1	x	x	x																

Additional Comments:

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<i>[Signature]</i>	<i>[Signature]</i>	4-4-24 1315			



Chain of Custody

Work Order No: H241762Page 2 of 5

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Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	209 W McKay	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	Esessums@ntglobal.com

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

Project Name:	Lennox 33 State #6H		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number:	237314		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush															None: NO DI Water: H ₂ O						
Project Location:	Lea Co. NM		Due Date:															Cool: Cool MeOH: Me						
Sampler's Name:	Jill Smiley		TAT starts the day received by the lab, if received by 4:30pm															HCL: HC HNO ₃ : HN						
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na						
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500													H ₃ PO ₄ : HP	
Received Intact:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:		140																	NaHSO ₄ : NABIS	
Cooler Custody Seals:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:		-																	Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:		4.3																	Zn Acetate+NaOH: Zn	
Total Containers:			46	Corrected Temperature:																			NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments					
CS-16 (6')	4/4/2024		x		Comp	1	x	x	x															
CS-17 (6')	4/4/2024		x		Comp	1	x	x	x															
CS-18 (6')	4/4/2024		x		Comp	1	x	x	x															
CS-21 (2')	4/4/2024		x		Comp	1	x	x	x															
CS-22 (2')	4/4/2024		x		Comp	1	x	x	x															
CS-24 (2')	4/4/2024		x		Comp	1	x	x	x															
CS-25 (2')	4/4/2024		x		Comp	1	x	x	x															
CS-26 (2')	4/4/2024		x		Comp	1	x	x	x															
CS-30 (2')	4/4/2024		x		Comp	1	x	x	x															
CS-32 (2')	4/4/2024		x		Comp	1	x	x	x															

Additional Comments:

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<i>[Signature]</i>	<i>[Signature]</i>	4-4-24 1345			



Chain of Custody

Work Order No: H241762Page 3 of 5

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Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	209 W McKay	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	Esessums@ntglobal.com

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

Project Name:	Lennox 33 State #6H		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes				
Project Number:	237314		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush			Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500																None: NO		DI Water: H ₂ O	
Project Location:	Lea Co. NM		Due Date:																				Cool: Cool		MeOH: Me	
Sampler's Name:	Jill Smiley		TAT starts the day received by the lab, if received by 4:30pm																				HCL: HC		HNO ₃ : HN	
PO #:																							H ₂ SO ₄ : H ₂		NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters	HOLD																H ₃ PO ₄ : HP			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140		NaHSO ₄ : NABIS																					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	1		Na ₂ S ₂ O ₃ : NaSO ₃																					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	4.31		Zn Acetate+NaOH: Zn																					
Total Containers:	46	Corrected Temperature:	1		NaOH+Ascorbic Acid: SAPC																					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments			
CS-33 (2')	4/4/2024		x		Comp	1	x	x	x																	
CS-36 (6')	4/4/2024		x		Comp	1	x	x	x																	
CS-37 (6')	4/4/2024		x		Comp	1	x	x	x																	
CS-40 (5')	4/4/2024		x		Comp	1	x	x	x																	
SW-11A (0-1')	4/4/2024		x		Comp	1	x	x	x																	
SW-12A (0-1')	4/4/2024		x		Comp	1	x	x	x																	
SW-14A (2-4')	4/4/2024		x		Comp	1	x	x	x																	
SW-15A (0-4')	4/4/2024		x		Comp	1	x	x	x																	
SW-18A (4-6')	4/4/2024		x		Comp	1	x	x	x																	
SW-19A (0-6')	4/4/2024		x		Comp	1	x	x	x																	

Additional Comments:

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<i>[Signature]</i>	<i>[Signature]</i>	4-4-24 1345			



Chain of Custody

Work Order No: H241762Page 4 of 5

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Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	209 W McKay	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	Esessums@ntglobal.com

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

Project Name:	Lennox 33 State #6H		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number:	237314		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush			Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500												None: NO DI Water: H ₂ O				
Project Location:	Lea Co. NM		Due Date:																Cool: Cool MeOH: Me				
Sampler's Name:	Jill Smiley		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN				
PO #:					H ₂ SO ₄ : H ₂ NaOH: Na																		
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	HOLD												H ₃ PO ₄ : HP				
Received Intact:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140	NaHSO ₄ : NABIS																	
Cooler Custody Seals:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:		Na ₂ S ₂ O ₃ : NaSO ₃																	
Sample Custody Seals:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	4.32	Zn Acetate+NaOH: Zn																	
Total Containers:			46		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
SW-20A (0-5')		4/4/2024		x		Comp	1	x	x	x													
SW-21 (4-6')		4/4/2024		x		Comp	1	x	x	x													
SW-22 (0-6')		4/4/2024		x		Comp	1	x	x	x													
SW-23 (5-6')		4/4/2024		x		Comp	1	x	x	x													
SW-24 (5-6')		4/4/2024		x		Comp	1	x	x	x													
SW-25 (5-6')		4/4/2024		x		Comp	1	x	x	x													
SW-26 (5-6')		4/4/2024		x		Comp	1	x	x	x													
SW-27 (1-2')		4/4/2024		x		Comp	1	x	x	x													
SW-28 (1-2')		4/4/2024		x		Comp	1	x	x	x													
SW-29 (1-2')		4/4/2024		x		Comp	1	x	x	x													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	8 <i>[Signature]</i>	4-4-24 1345	2		
3			4		
5			6		



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

May 06, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LENNOX 33 STATE #6H

Enclosed are the results of analyses for samples received by the laboratory on 04/30/24 12:36.

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 "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

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: 04/30/2024
 Reported: 05/06/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 2 (5') (H242295-01)

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	05/02/2024	ND	2.12	106	2.00	4.63	
Toluene*	<0.050	0.050	05/02/2024	ND	2.08	104	2.00	3.98	
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.04	102	2.00	3.75	
Total Xylenes*	<0.150	0.150	05/02/2024	ND	6.00	100	6.00	3.98	
Total BTEX	<0.300	0.300	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 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	96.0	16.0	05/02/2024	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	05/01/2024	ND	199	99.6	200	1.91	QR-03
DRO >C10-C28*	<10.0	10.0	05/01/2024	ND	222	111	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane 62.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.3 % 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: 04/30/2024
 Reported: 05/06/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 5 (5') (H242295-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2024	ND	2.12	106	2.00	4.63	
Toluene*	<0.050	0.050	05/02/2024	ND	2.08	104	2.00	3.98	
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.04	102	2.00	3.75	
Total Xylenes*	<0.150	0.150	05/02/2024	ND	6.00	100	6.00	3.98	
Total BTEx	<0.300	0.300	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/02/2024	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	05/02/2024	ND	199	99.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	222	111	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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*=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: 04/30/2024
 Reported: 05/06/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 (5') (H242295-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.12	106	2.00	4.63		
Toluene*	<0.050	0.050	05/02/2024	ND	2.08	104	2.00	3.98		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.04	102	2.00	3.75		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	6.00	100	6.00	3.98		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/02/2024	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	05/02/2024	ND	199	99.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	222	111	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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*=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: 04/30/2024
 Reported: 05/06/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 8 (5') (H242295-04)

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	05/02/2024	ND	2.12	106	2.00	4.63	
Toluene*	<0.050	0.050	05/02/2024	ND	2.08	104	2.00	3.98	
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.04	102	2.00	3.75	
Total Xylenes*	<0.150	0.150	05/02/2024	ND	6.00	100	6.00	3.98	
Total BTEX	<0.300	0.300	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 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	80.0	16.0	05/02/2024	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	05/02/2024	ND	199	99.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	222	111	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/30/2024
 Reported: 05/06/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 21 (3') (H242295-05)

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	05/02/2024	ND	2.12	106	2.00	4.63	
Toluene*	<0.050	0.050	05/02/2024	ND	2.08	104	2.00	3.98	
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.04	102	2.00	3.75	
Total Xylenes*	<0.150	0.150	05/02/2024	ND	6.00	100	6.00	3.98	
Total BTEX	<0.300	0.300	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 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	05/02/2024	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	05/02/2024	ND	199	99.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	222	111	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 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: 04/30/2024
 Reported: 05/06/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: LEA CO, NM

Sampling Date: 04/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 37 (7') (H242295-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2024	ND	2.12	106	2.00	4.63		
Toluene*	<0.050	0.050	05/02/2024	ND	2.08	104	2.00	3.98		
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.04	102	2.00	3.75		
Total Xylenes*	<0.150	0.150	05/02/2024	ND	6.00	100	6.00	3.98		
Total BTEX	<0.300	0.300	05/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 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	64.0	16.0	05/02/2024	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	05/02/2024	ND	199	99.6	200	1.91	
DRO >C10-C28*	<10.0	10.0	05/02/2024	ND	222	111	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	05/02/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

May 15, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LENNOX 33 STATE #6H

Enclosed are the results of analyses for samples received by the laboratory on 05/14/24 11:35.

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 "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

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: 05/14/2024
 Reported: 05/15/2024
 Project Name: LENNOX 33 STATE #6H
 Project Number: 237314
 Project Location: CAZA - LEA CO, NM

Sampling Date: 05/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 19 (H242624-01)

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	05/14/2024	ND	1.90	95.0	2.00	10.5	
Toluene*	<0.050	0.050	05/14/2024	ND	1.89	94.4	2.00	8.94	
Ethylbenzene*	<0.050	0.050	05/14/2024	ND	1.87	93.5	2.00	8.57	
Total Xylenes*	<0.150	0.150	05/14/2024	ND	5.47	91.2	6.00	8.62	
Total BTEX	<0.300	0.300	05/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 82.0 % 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	05/15/2024	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	05/14/2024	ND	187	93.3	200	2.25	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	202	101	200	0.00	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



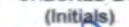


101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTB Environmental				BILL TO				ANALYSIS REQUEST													
Project Manager: Ethan Sessums				P.O. #:				<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Company: NTBE</p> <p>Attn: Ethan Sessums</p> <p>Address:</p> <p>City:</p> <p>State: Zip:</p> <p>Phone #:</p> <p>Fax #:</p> </div> <div style="width: 65%;"> <p>BTEX</p> <p>TPH</p> <p>Chloride</p> </div> </div>													
Address: 209 W. McKay Street				Company: NTBE																	
City: Carlsbad State: NM Zip: 88220				Attn: Ethan Sessums																	
Phone #: (254) 266-5456 Fax #:				Address:																	
Project #: 237314 Project Owner: Caza operating				City:																	
Project Name: Lea Co., NM				State: Zip:																	
Project Location: Lennox 33 State #006H ↓				Phone #:																	
Sampler Name: Jill Smiley				Fax #:																	
FOR LAB USE ONLY																					
Lab I.D.		Sample I.D.		(GIRAB OR (C)OMP. # CONTAINERS		MATRIX		PRESERV.		SAMPLING											
						GROUNDWATER															
						WASTEWATER															
						SOIL															
						OIL															
						SLUDGE															
						OTHER :															
						ACID/BASE:															
						ICE / COOL															
						OTHER :															
								DATE		TIME											
H242624		CS-19		C 1		✓				6/14/24 10:30		✓ ✓ ✓									

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Relinquished By: 		Date: 5/14/24		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 11:35		Time:		All Results are emailed. Please provide Email address:			
Relinquished By:		Date:		Received By:		REMARKS:	
Time:							
Delivered By: (Circle One)		Observed Temp. °C 5.9		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) 	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	
				Thermometer ID #140 Correction Factor 0°C		24 hr. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	

~~FORM 000 R 3.4 07/11/23~~

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

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QUESTIONS

Action 348257

QUESTIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 348257
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2327052874
Incident Name	NAPP2327052874 LENNOX 33 STATE #006H @ 30-025-43349
Incident Type	Flare
Incident Status	Deferral Request Received
Incident Well	[30-025-43349] LENNOX 33 STATE #006H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	LENNOX 33 STATE #006H
Date Release Discovered	09/26/2023
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Other (Specify) Crude Oil Released: 10 BBL Recovered: 0 BBL Lost: 10 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The source of release was the flare.

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QUESTIONS, Page 2

Action 348257

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID:
	249099
	Action Number: 348257
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	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	True
If all the actions described above have not been undertaken, explain why	Not answered.

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: Kelly Arrendondo Title: Production Reporting Manager Email: karredondo@ntglobal.com Date: 05/28/2024
--	---

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QUESTIONS, Page 3

Action 348257

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID:	249099
	Action Number:	348257
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
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.	
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)	17600
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	20385
GRO+DRO	(EPA SW-846 Method 8015M)	17305
BTEX	(EPA SW-846 Method 8021B or 8260B)	77.9
Benzene	(EPA SW-846 Method 8021B or 8260B)	1.7

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

On what estimated date will the remediation commence	02/19/2024
On what date will (or did) the final sampling or liner inspection occur	05/14/2024
On what date will (or was) the remediation complete(d)	05/24/2024
What is the estimated surface area (in square feet) that will be reclaimed	6545
What is the estimated volume (in cubic yards) that will be reclaimed	837
What is the estimated surface area (in square feet) that will be remediated	8539
What is the estimated volume (in cubic yards) that will be remediated	1205

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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QUESTIONS, Page 4

Action 348257

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID:	249099
	Action Number:	348257
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

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	J&L LANDFARM [FEEM0112339187]
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: Kelly Arrendondo Title: Production Reporting Manager Email: karredondo@ntglobal.com Date: 05/28/2024
<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 348257

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID:	249099
	Action Number:	348257
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS**Deferral Requests Only**

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Directly under the flare.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	500
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	130
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.	
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-025-43349 LENNOX 33 STATE #006H
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Kelly Arrendondo Title: Production Reporting Manager Email: karredondo@ntglobal.com Date: 05/28/2024

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QUESTIONS, Page 6

Action 348257

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID:
	249099
	Action Number:
	348257
Action Type:	
[C-141] Deferral Request C-141 (C-141-v-Deferral)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	342924
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/14/2024
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

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

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CONDITIONS

Action 348257

CONDITIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 348257
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place.	7/29/2024