

LIPPIZZAN 4 FED 1 CTB

INCIDENT # nAPP2328044406

10-6-2023

Spill Volume(Bbls) Calculator		
<i>Inputs in blue, Outputs in red</i>		
Contaminated Soil measurement		
Length(Ft)	Width(Ft)	Depth(Ft)
<u>43</u>	<u>61.000</u>	<u>0.063</u>
Cubic Feet of Soil Impacted		<u>165.249</u>
Barrels of Soil Impacted		<u>29.46</u>
Soil Type		Clay
Barrels of Oil Assuming 100% Saturation		<u>2.95</u>
Saturation	Fluid present with shovel/backhoe	
Estimated Barrels of Oil Released		2.95
Free Standing Fluid Only		
Length(Ft)	Width(Ft)	Depth(Ft)
<u>43</u>	<u>61.000</u>	<u>0.042</u>
Standing fluid		<u>19.594</u>
Total fluids spilled		<u>22.539</u>



209 W. McKay Street
Carlsbad, New Mexico 88220
Tel. 432-701-2159
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April 22, 2024

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

Re: Closure Report
Lippizzan 4 Fed 1H CTB
Site Location: Unit L, Section 4, Township 25S, Range 32E
Site Coordinates: 32.16629191, -103.6865626
Lea County, New Mexico
Incident ID: nAPP2328044406

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this closure report to document site assessment, remedial action, and sampling activities at the Lippizzan 4 Fed 1H CTB (Site) for submittal to the New Mexico Oil Conservation Division (NMOCD) District 2 Office in Artesia, New Mexico. The Site is located in Unit L, Section 04, Township 25 South of Range 32 East in Lea County, New Mexico. The site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

Background

Based on the initial C-141 obtained from the NMOCD, the release was discovered on October 06th, 2023, the result of a equipment failure on the separator. Approximately eight (8) barrels (bbls) of crude oil and fifteen (15) bbls of produced water were released, of which six (6) bbls of crude oil were recovered for an approximate net loss of two (2) bbls of crude oil and fifteen (15) bbls of produced water, all of which was contained to the pad. Upon discovery, the equipment was shut-in, and the area was secured. The release area is shown in Figure 3.

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. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the report.

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

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General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low Karst	Unknown

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+DRO)	BTEX	Benzene
19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Notes: --- = not defined					

Site Assessment

On November 7th, 2023, NTG Environmental conducted site assessment activities to assess the extent of impacts at the Site. A total of four (4) vertical sample points (i.e., V-1 through V-4) were installed within the release area. Additionally, thirteen (13) horizontal sample points (i.e., H-1 through H-13) were installed adjacent to the release area in order to characterize the impacts. Soil samples were collected at half-foot (0.5) to one (1) foot (ft) intervals from depths ranging from zero (0) to four and a half (4.5) ft bgs (feet below ground surface) with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to Envirotech Laboratories in Farmington, NM for analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX) (EPA method 8015 modified), total petroleum hydrocarbon (TPH) (EPA Method 8021B), and chloride (EPA Method 300.0/9056A). The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of V-1 through V-4 and H-7 through H-13 at various depths ranging from zero (0) to three and a half (4.5) ft bgs.

On February 20th, 2024, NTGE returned to the site to continue vertical delineation assessment of the release. A total of four (4) vertical delineation sample points (i.e., V-1 through V-4) were installed within the release area and collected at one (1) ft intervals at depths ranging from five (5) to six and a half (6.5) ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. All soil samples were analyzed for BTEX (EPA method 8021B), TPH (EPA method 8015M), and chloride (EPA method SM4500Cl-B). Analytical results indicated that samples V-1, V-2, V-3 and V-4 were above NMOCD regulatory limits for the Site at depths from 5 to 6.5 ft bgs.

On March 7th, 2024, NTGE returned to the site to complete vertical delineation assessment of the release. A total of three (3) vertical delineation sample points (i.e., V-1, V-3 and V-4) were installed within the release area and collected at one (1) ft intervals at depths ranging from seven (7) to eight and a half (8.5) ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. All soil samples were analyzed for BTEX (EPA method 8021B), TPH (EPA method 8015M), and chloride (EPA Method SM4500Cl-B).

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Analytical results indicated that sample V-1 was above NMOCD regulatory limits for the Site at a depth of seven (7) to seven and a half (7.5) ft bgs. All other samples were below regulatory limits.

On April 15th, 2024, NTGE returned to the site to complete horizontal delineation assessment of the site. A total of four (4) horizontal delineation sample points (H-7A, H-8A, H-9A, and H-13A) were installed adjacent to the release area and collected at surface to a half foot (0.5) ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. All soil samples were analyzed for BTEX (EPA method 8021B), TPH (EPA Method 8015M), and chloride (EPA Method SM4500Cl-B). Analytical results indicated that all samples were below NMOCD regulatory limits for the site and surface level.

Analytical results are included in Table 1, while soil boring locations are shown in Figure 3. The laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

Remedial Action Activities and Confirmation Sampling

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to a depth of six (6) ft bgs in the area V-2 and excavated to a depth of eight (8) ft bgs in the area of V-1 to fully remove all impacted soils from the location.

On April 4th, 2024, a total of twelve (12) composite confirmation samples were collected from the excavation base (i.e., CS-1 through CS-12) and twelve (12) composite confirmation samples were collected from the excavation sidewalls (i.e., SW-1 through SW-12) to ensure impacted soil was removed.

Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. Soil samples were collected and analyzed for BTEX (EPA Method 8021B), TPH (EPA method 8015 modified), and chloride (method SM4500Cl-B). Laboratory reports containing analytical methods and chain-of-custody documents are attached.

The five-point confirmation samples were collected every two hundred (200) square feet. Analytical results indicated that all analytes were below NMOCD regulatory criterion for the Site. The final excavation extent and confirmation sample locations are shown in Figure 4. Analytical results of all confirmation samples are included in Table 2 with laboratory reports attached.

Deferral Request

Devon personnel have expressed that the areas surrounding V-3 and V-4 cannot be excavated due to the presence of facility infrastructure (i.e., separators, tanks and adjacent flowlines and electrical lines, etc.) around the delineation points and the associated safety concerns in further encroaching the infrastructure. The infrastructure in and around the excavation is visible in Figure 4. The extent of the area has been fully delineated by sample points V-3, V-4, H-7A, H-8A, H-9A, and H-13A. The vertical extent of the contaminates was analyzed to be seven (7) to seven and a half (7.5) ft bgs. The horizontal extent of the area is four thousand four hundred and ninety four (4,494) square feet.

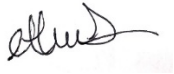
On behalf of Devon, NTGE formally requests a deferral for incident NAPP2328044406 to address the remaining soil impacts at the time of facility decommissioning or in the event infrastructure modifications are made in the area that would alleviate the safety concerns, whichever is sooner.

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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 report or need additional information, please contact us at 432- 701- 2159.

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Attachments:

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

SITE CHARACTERIZATION INFORMATION

Devon Energy - Lippizzan 4 Fed 1H CTB
Unit L Sec 4 T25S R32E
32.16629191°N-103.6865626°W
Lea County, New Mexico

Site Characterization

-No water features within specified distances of 1/2 mile radius

-Low Karst

RRALs due to insufficient groundwater data

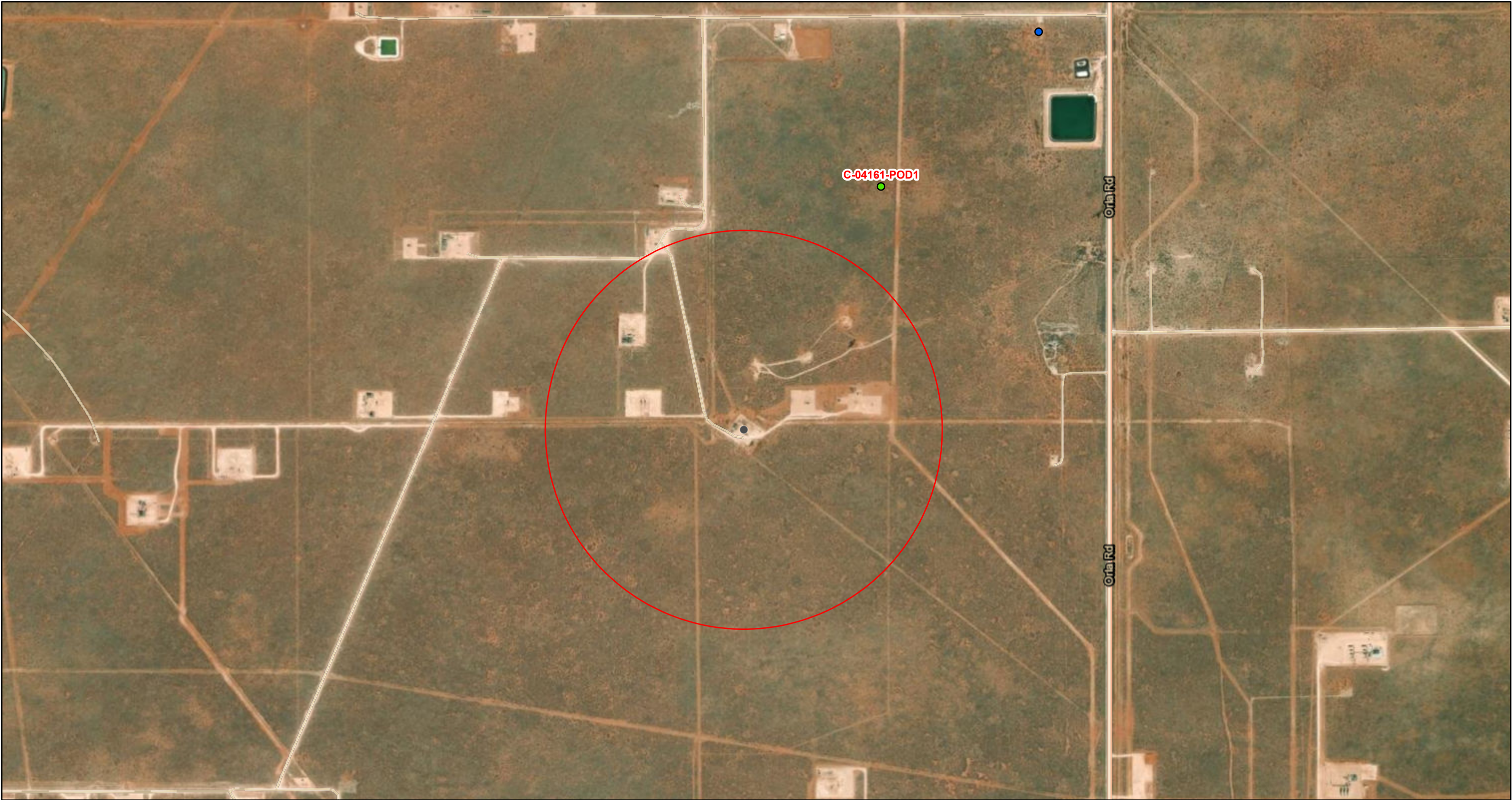
-Chlorides 600 mg/kg

-TPH GRO+DRO+MRO 100 mg/kg

-BTEX 50 mg/kg

-Benzene 10 mg/kg

OSE POD Location Map

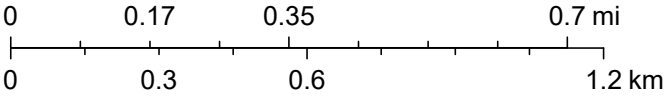


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GIS WATERS PODs

- Active
- Pending

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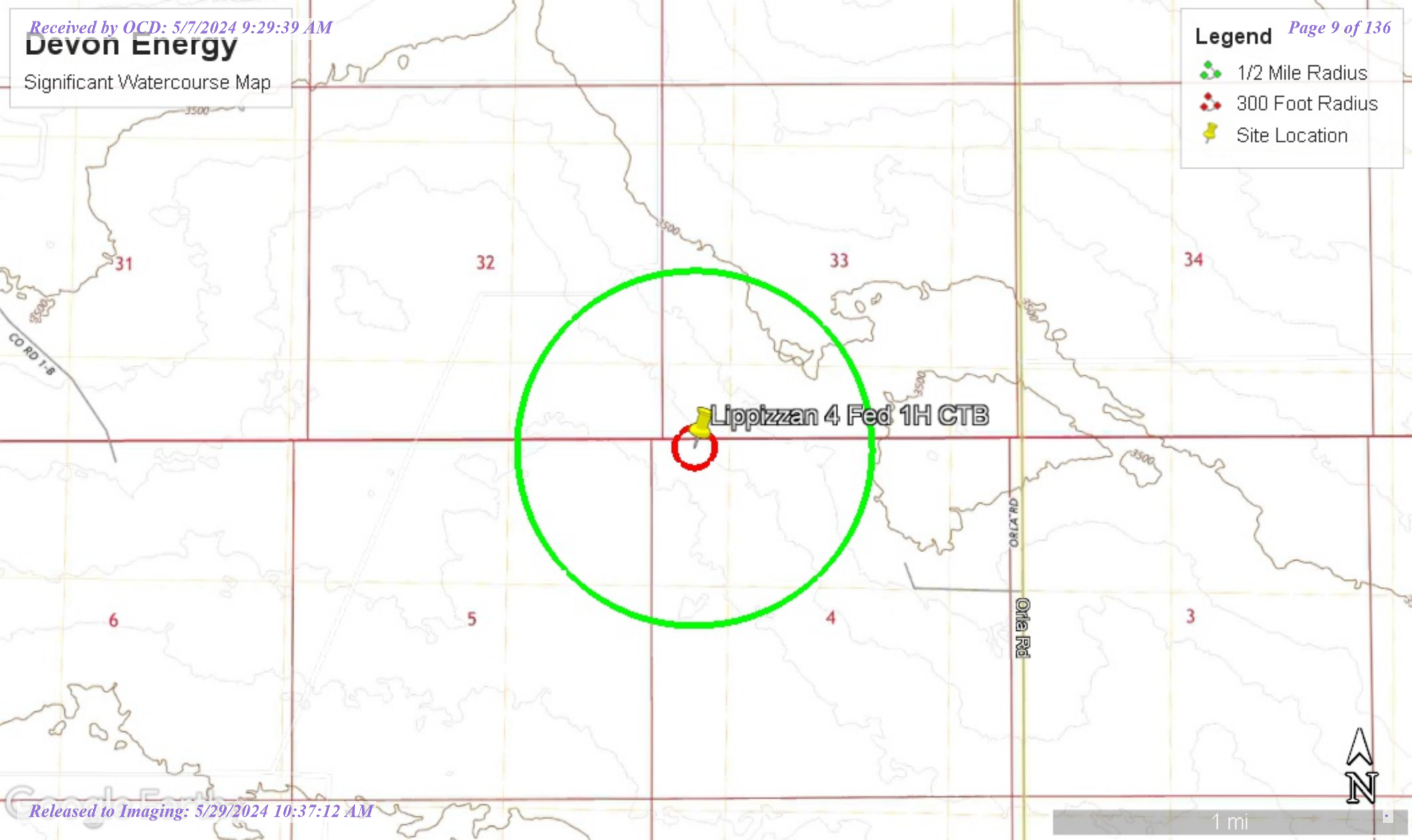


Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Devon Energy

Significant Watercourse Map

-  1/2 Mile Radius
-  300 Foot Radius
-  Site Location



OCD Site Characterization Map



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Override 1

OSE Water PODs

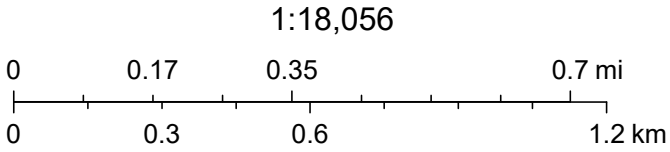
Active

Pending

USGS Historical GW Wells

Karst Occurrence Potential

Low



BLM, OCD, New Mexico Tech, USGS, Esri, HERE, Garmin, IPC, Maxar, NM OSE



Lippizzan 4 Fed 1H CTB



October 31, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

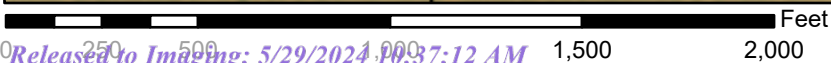
- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMette



103°41'30"W 32°10'14"N



1:6,000

103°40'53"W 32°9'43"N

Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/31/2023 at 5:25 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.

TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
Lippizzan 4 Fed 1H CTB
Devon Energy Production Company
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 feet Depth <50 to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg			
Vertical Delineation Samples													
V-1	11/7/2023	0-0.5	<0.0250	0.118	0.119	0.907	1.144	<20.0	16,300	16,300	9,760	26,060	17,500
	11/7/2023	1-1.5	<0.0250	0.0731	0.0943	0.696	0.8634	<20.0	15,700	15,700	9,650	25,350	14,600
	11/7/2023	2-2.5	<0.0250	0.0742	0.0918	0.558	0.724	<20.0	9,450	9,450	6,370	15,820	9,750
	11/7/2023	3-3.5	<0.0250	0.0583	0.0839	0.52	0.6622	<20.0	10,000	10,000	5,960	15,960	11,900
	11/7/2023	4-4.5	<0.0250	0.0266	0.0514	0.259	0.337	<20.0	5,780	5,780	3,640	9,420	6,780
	2/20/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,420	1,420	913	2,333	96
	2/20/2024	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	62	62	44.5	106.5	16
	3/7/2024	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	133	133	38.6	171.6	96
V-2	3/7/2024	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	11/7/2023	0-0.5	<0.0250	0.387	0.156	2.05	2.591	32	22,100	22,132	10,400	32,532	4,470
	11/7/2023	1-1.5	<0.0250	0.453	0.248	2.6	3.301	47.1	15,600	15,647.1	7,510	23,157.1	3,960
	11/7/2023	2-2.5	<0.0250	0.375	0.148	2.16	2.683	29.3	12,000	12,029.3	4,720	16,749.3	3,340
	11/7/2023	3-3.5	<0.0250	0.215	0.0966	1.46	1.7716	22.3	10,900	10,922.3	5,480	16,402.3	2,320
	11/7/2023	4-4.5	<0.0250	0.289	0.125	1.77	2.184	23.7	10,400	10,423.7	5,380	15,803.7	2,400
	2/20/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,290	1,290	828	2,118	96
	2/20/2024	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.9	11.9	<10.0	11.9	32
V-3	11/7/2023	0-0.5	<0.0250	0.232	0.754	5.88	6.866	73.2	20,900	20,973.2	10,000	30,973.2	1,370
	11/7/2023	1-1.5	<0.0250	0.158	0.57	4.58	5.308	64.8	18,500	18,564.8	8,450	27,014.8	1,140
	11/7/2023	2-2.5	<0.0250	0.144	0.533	4.25	4.927	56.2	15,700	15,756.2	7,530	23,286.2	959
	11/7/2023	3-3.5	<0.0250	0.125	0.468	3.76	4.353	51.9	14,400	14,451.9	4,240	18,691.9	645
	11/7/2023	4-4.5	<0.0250	0.0991	0.394	3.19	3.6831	44.9	13,100	13,144.9	6,050	19,194.9	599
	2/20/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2,400	2,400	1,550	3,950	112
	2/20/2024	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	79.9	79.9	52.8	132.7	36.2
	3/7/2024	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.2	37.2	12.9	50.1	112
V-4	3/7/2024	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
	11/7/2023	0-0.5	<0.0250	0.327	0.551	4.5	5.378	65.7	24,000	24,065.7	9,590	33,655.7	9,210
	11/7/2023	1-1.5	<0.0250	0.267	0.463	3.8	4.52	60.6	17,800	17,860.6	7,290	25,150.6	6,140
	11/7/2023	2-2.5	<0.0250	0.245	0.396	3.2	3.841	47.8	20,200	20,247.8	8,210	28,457.8	7,110
	11/7/2023	3-3.5	<0.0250	0.188	0.347	2.9	3.435	51.7	12,100	12,151.7	5,060	17,211.7	4,280
	11/7/2023	4-4.5	<0.0250	0.157	0.277	2.27	2.704	36.5	12,500	12,536.5	5,480	18,016.5	4,120
	2/20/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,790	1,790	1,150	2,940	112
	2/20/2024	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	100	100	68	168	16
Horizontal Delineation Samples	3/7/2024	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	38.8	38.8	12.6	51.4	256
	3/7/2024	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
H-1	11/7/2023	0-0.5'	<0.0250	<0.0250	<0.0250	<0.050	<0.025	<20	25.8	25.8	<50.0	25.8	442
H-2	11/7/2023	0-0.5'	<0.0250	<0.0250	<0.0250	<0.050	<0.025	<20	<25.0	<25.0	<50.0	<50.0	43.3

Table 1
Summary of Soil Analytical Data - Delineation Samples
Lippizan 4 Fed 1H CTB
Devon Energy Production Company
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)	
			Table I Closure Criteria for Soil feet Depth <50 to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
H-3	11/7/2023	0-0.5'	<0.0250	<0.0250	<0.0250	<0.050	<0.025	<20	<25.0	<25.0	<50.0	<50.0	127
H-4	11/7/2023	0-0.5'	<0.0250	<0.0250	<0.0250	<0.050	<0.025	<20	<25.0	<25.0	<50.0	<50.0	54.3
H-5	11/7/2023	0-0.5'	<0.0250	<0.0250	<0.0250	<0.050	<0.025	<20	26.1	26.1	<50.0	26.1	113
H-6	11/7/2023	0-0.5'	<0.0250	<0.0250	<0.0250	<0.050	<0.025	<20	<25.0	<25.0	<50.0	<50.0	<20.0
H-7	11/7/2023	0-0.5'	<0.0250	<0.0250	<0.0250	<0.050	<0.025	<20	40.4	40.4	80.7	121.1	<20.0
H-7A	4/15/2024	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	11/7/2023	0-0.5'	<0.0250	<0.0250	<0.0250	<0.050	<0.025	<20	44.4	44.4	110	154.4	<20.0
H-8A	4/15/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
H-9	11/7/2023	0-0.5'	<0.0250	<0.0250	<0.0250	<0.050	<0.025	<20	155	155	192	347	311
H-9A	4/15/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
H-10	11/7/2023	0-0.5'	<0.0250	<0.0250	<0.0250	<0.050	<0.025	<20	425	425	378	803	460
H-11	11/7/2023	0-0.5'	<0.0250	<0.0250	<0.0250	<0.050	<0.025	<20	118	118	137	255	526
H-12	11/7/2023	0-0.5'	<0.0250	<0.0250	<0.0250	<0.050	<0.025	<20	64.4	64.4	80.4	144.8	130
H-13	11/7/2023	0-0.5'	<0.0250	<0.0250	<0.0250	<0.050	<0.025	<20	95.9	95.9	135	230.9	36.2
H-13A	4/15/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

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
- Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 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
Lippizan 4 Fed 1H CTGB
Devon Energy Production Company
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 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
Vertical Confirmation Samples													
CS-1	4/10/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.5	20.5	<10.0	20.5	208
CS-2	4/10/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-3	4/10/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-4	4/10/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-5	4/10/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-6	4/10/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-7	4/10/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-8	4/10/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-9	4/10/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-10	4/10/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-11	4/10/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-12	4/10/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
Horizontal Confirmation Samples													
SW-1	4/10/2024	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW-2	4/10/2024	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-3	4/10/2024	0-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-4	4/10/2024	0-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-5	4/10/2024	0-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-6	4/10/2024	0-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW-7	4/10/2024	0-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-8	4/10/2024	0-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-9	4/10/2024	0-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-10	4/10/2024	0-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-11	4/10/2024	0-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-12	4/10/2024	0-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48

Notes:

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

5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

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

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

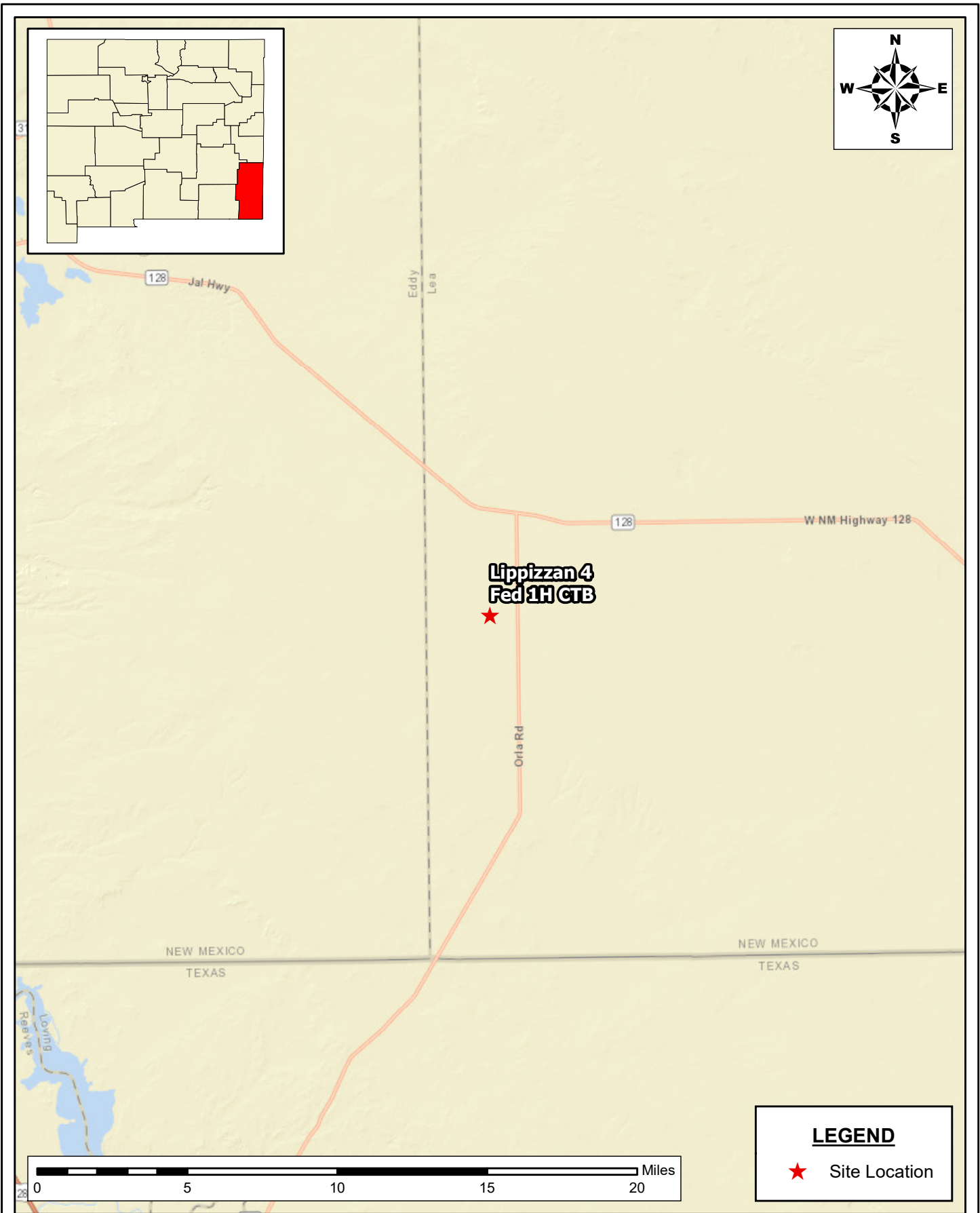
9. --- Not Analyzed

SP-1


Sample Point Excavated

FIGURES

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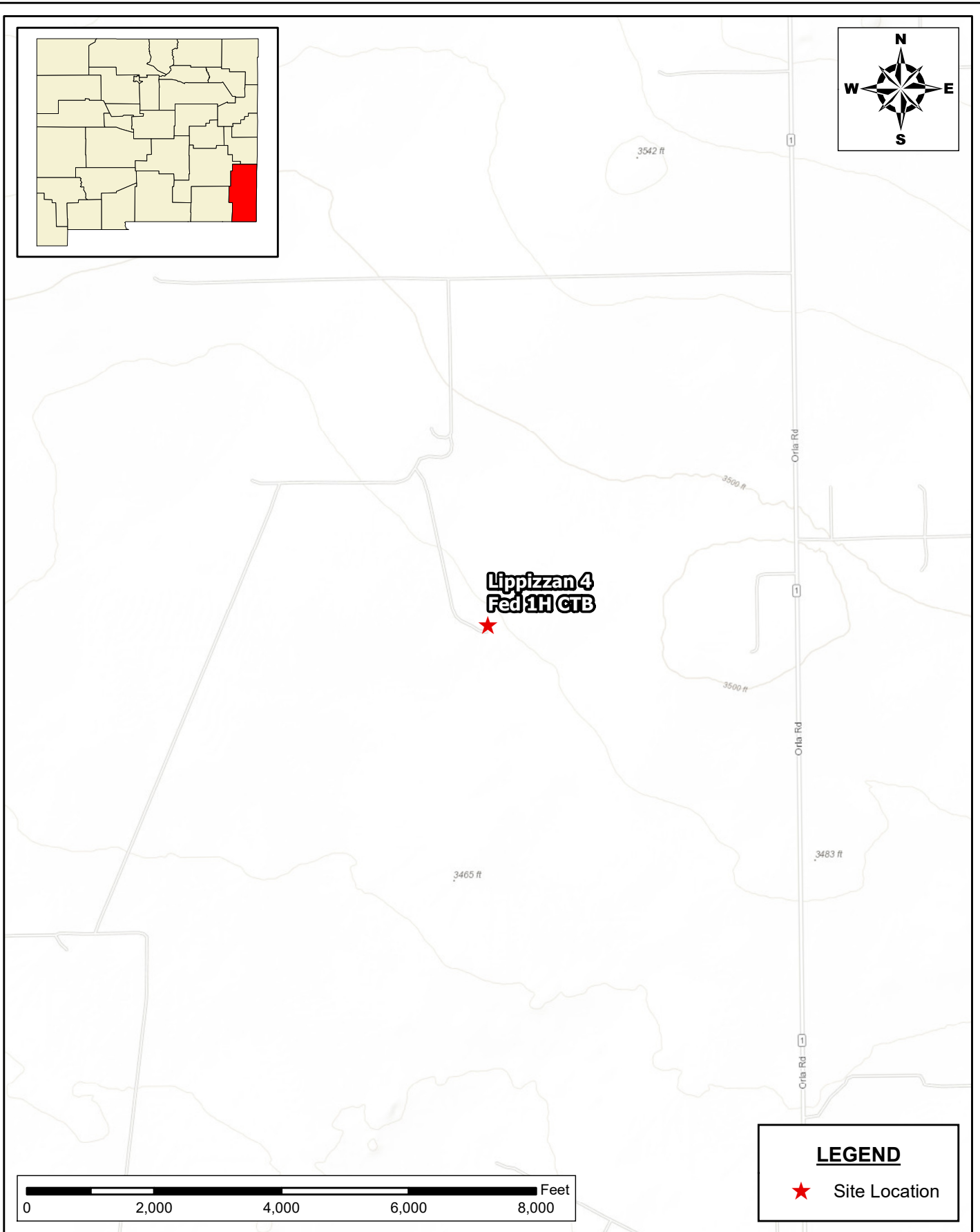
SITE LOCATION MAP		
SITE CHARACTERIZATION AND REMEDIATION WORK PLAN		
DEVON ENERGY PRODUCTION COMPANY		
LIPPIZZAN 4 FED 1H CTB		
LEA COUNTY, NEW MEXICO		
32.16629191,-103.6865626		
SCALE: As Shown	Date: 3/12/2024	PROJECT #:237954

	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

DRAWING NUMBER:
FIGURE 1
SHEET NUMBER:
1 of 1

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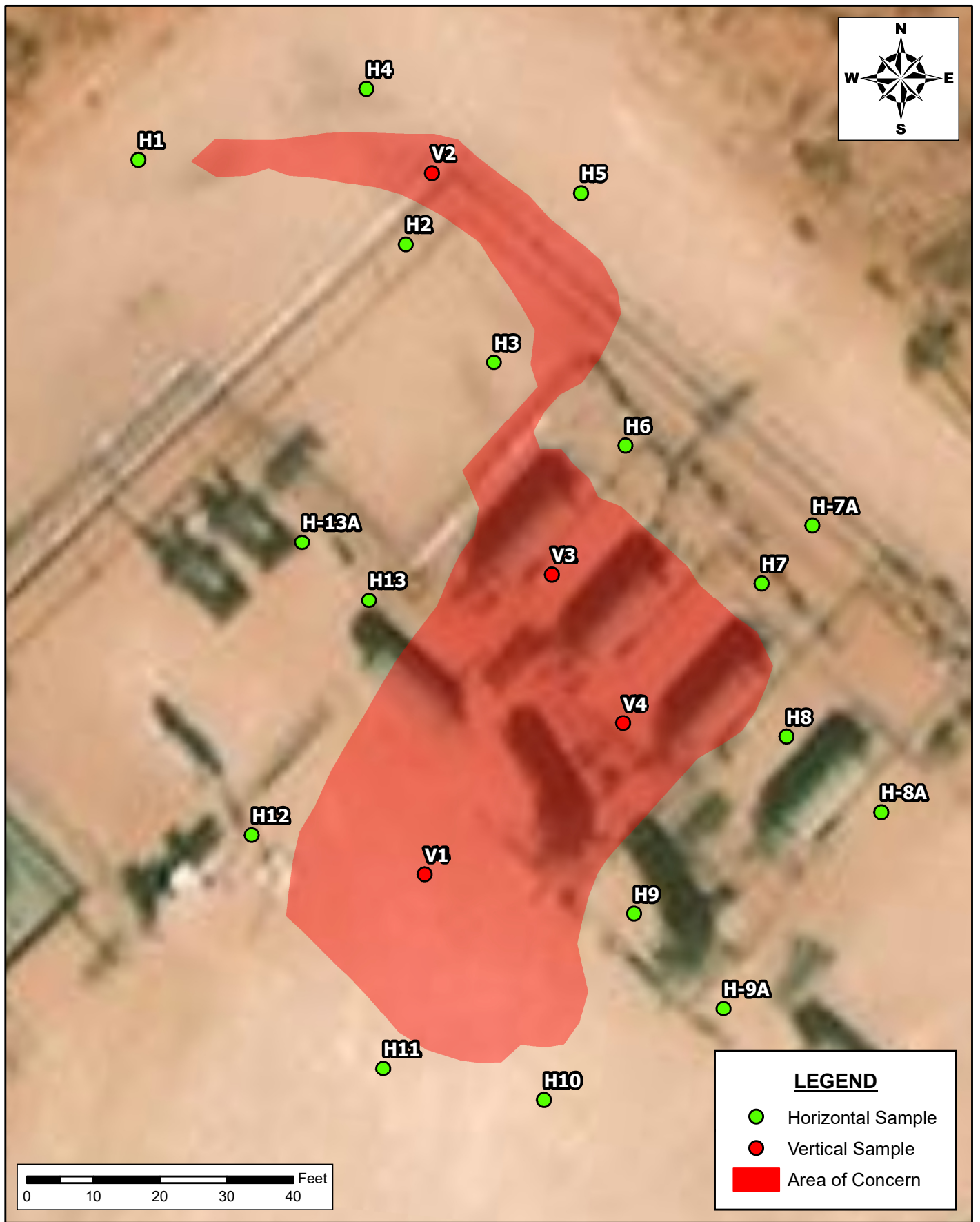
TOPOGRAPHIC MAP SITE CHARACTERIZATION AND REMEDIATION WORK PLAN DEVON ENERGY PRODUCTION COMPANY LIPPIZZAN 4 FED 1H CTB LEA COUNTY, NEW MEXICO 32.16629191,-103.6865626		
SCALE: As Shown	Date: 3/12/2024	PROJECT #:237954

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

NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983
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DRAWING NUMBER: FIGURE 2
SHEET NUMBER: 1 of 1

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SITE ASSESSMENT MAP
SITE CHARACTERIZATION AND REMEDIATION WORK PLAN
DEVON ENERGY PRODUCTION COMPANY
LIPPIZZAN 4 FED 1H CTB
LEA COUNTY, NEW MEXICO
32.16629191,-103.6865626

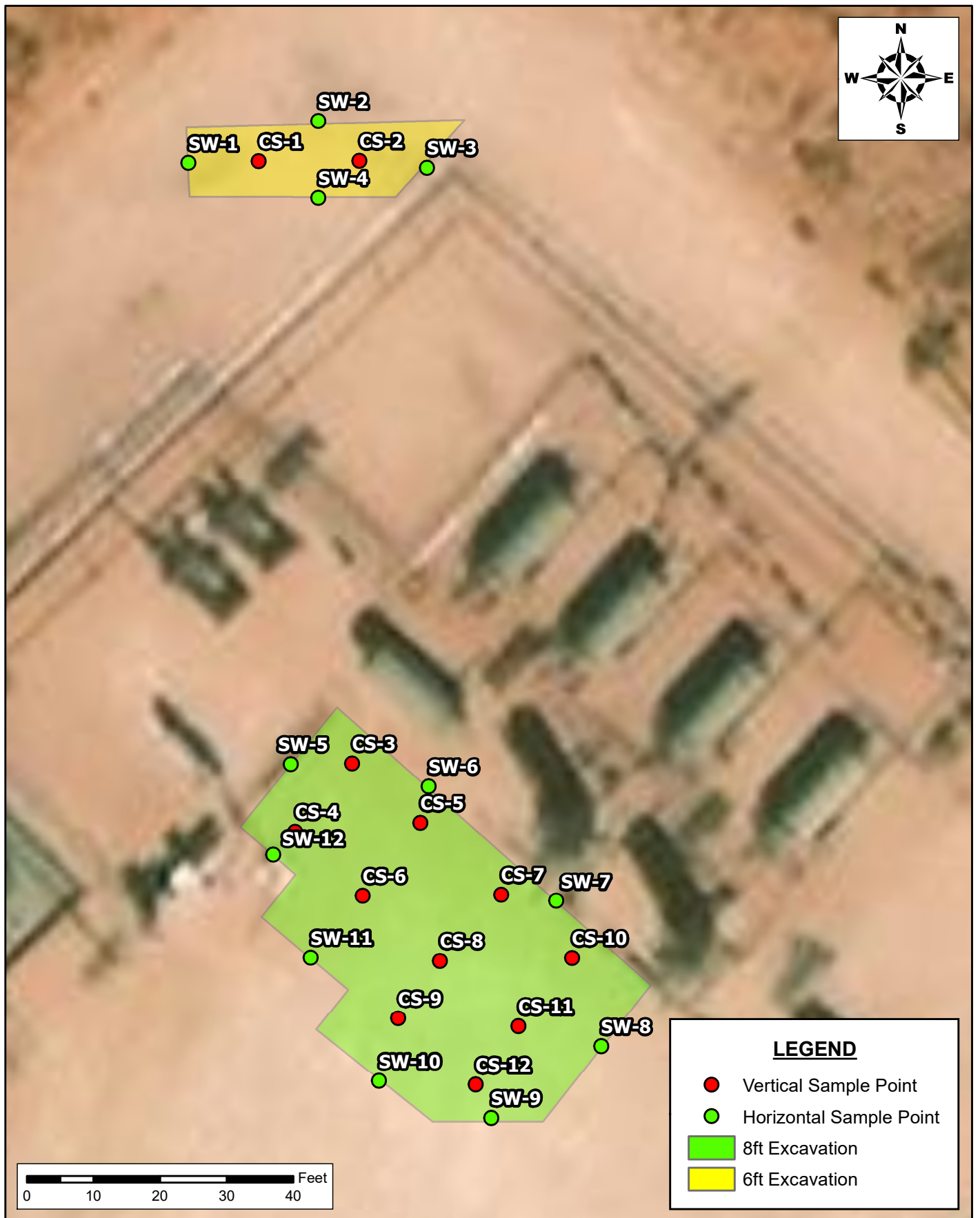
SCALE: AS SHOWN DATE: 04/22/2024 PROJECT #: 237954


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

NOTES:
1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 3
SHEET NUMBER:
1 of 1

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CONFIRMATION SAMPLING MAP
 DEFERRAL REQUEST
 DEVON ENERGY PRODUCTION COMPANY
 LIPPIZZAN 4 FED 1H CTB
 LEA COUNTY, NEW MEXICO
 32.16629191,-103.6865626

SCALE: AS SHOWN

DATE: 04/15/2024

PROJECT #: 237954



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

NOTES:

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Devon Energy Production Company

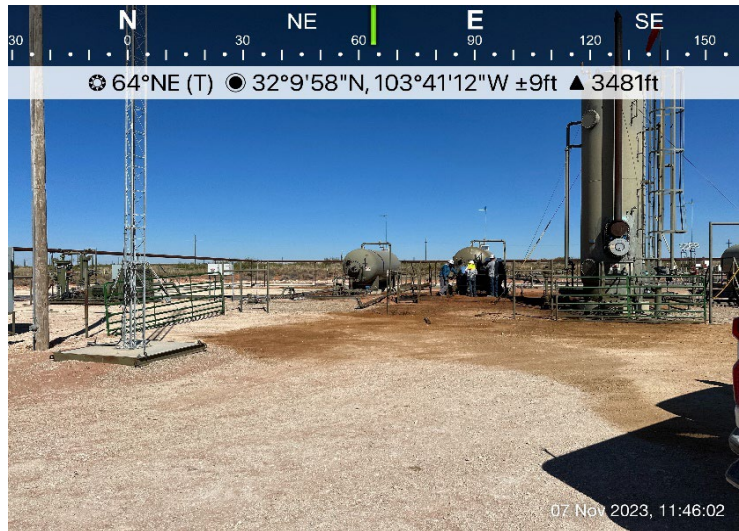
Lippizzan 4 Fed 1H CTB

Photograph No. 1

Facility: Lippizzan 4 Fed 1H CTB

County: Lea County, New Mexico

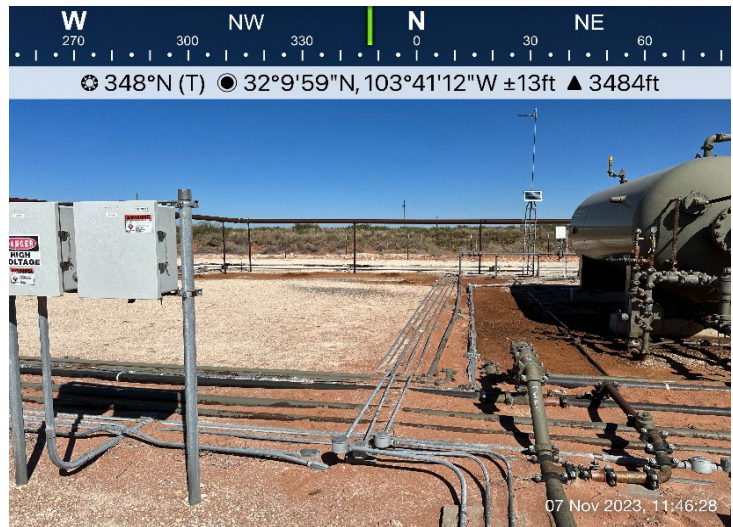
Description:
Area of Concern

**Photograph No. 2**

Facility: Lippizzan 4 Fed 1H CTB

County: Lea County, New Mexico

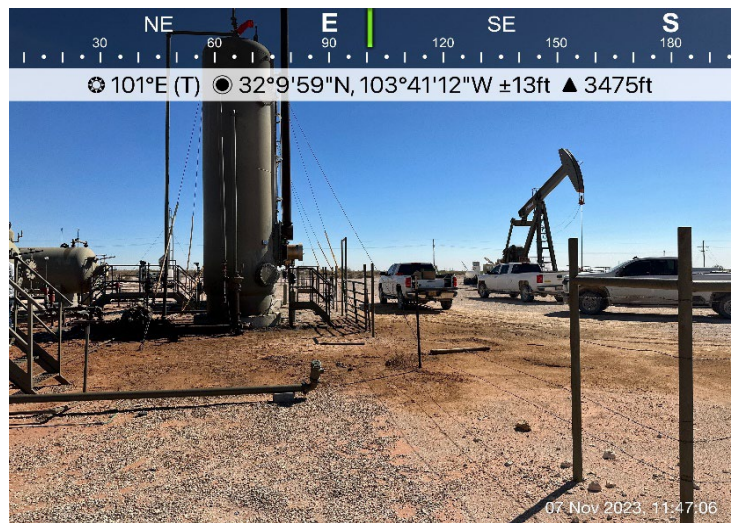
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Area of Concern

**Photograph No. 3**

Facility: Lippizzan 4 Fed 1H CTB

County: Lea County, New Mexico

Description:
Area of Concern



PHOTOGRAPHIC LOG
Devon Energy Production Company
Lippizzan 4 Fed 1H CTB

Photograph No. 4

Facility: Lippizzan 4 Fed 1H CTB

County: Lea County, New Mexico

Description:
Area of Concern

**Photograph No. 5**

Facility: Lippizzan 4 Fed 1H CTB

County: Lea County, New Mexico

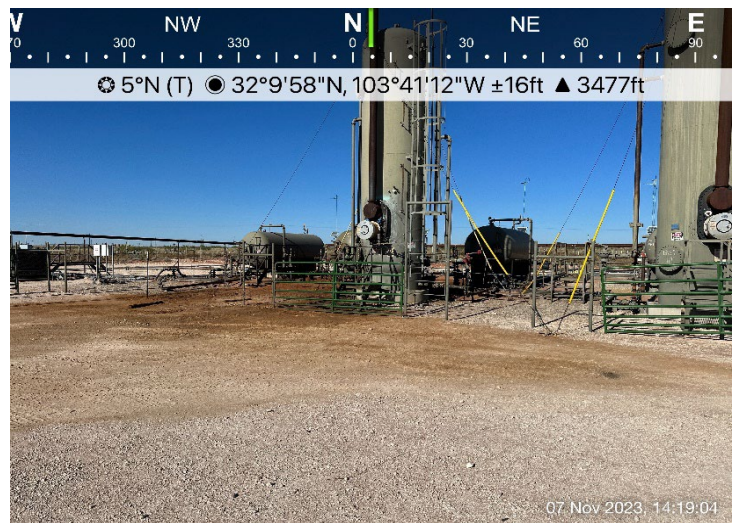
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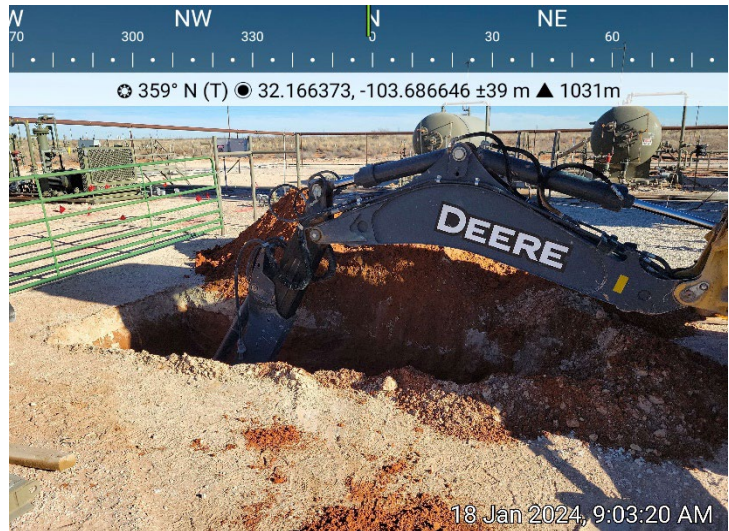
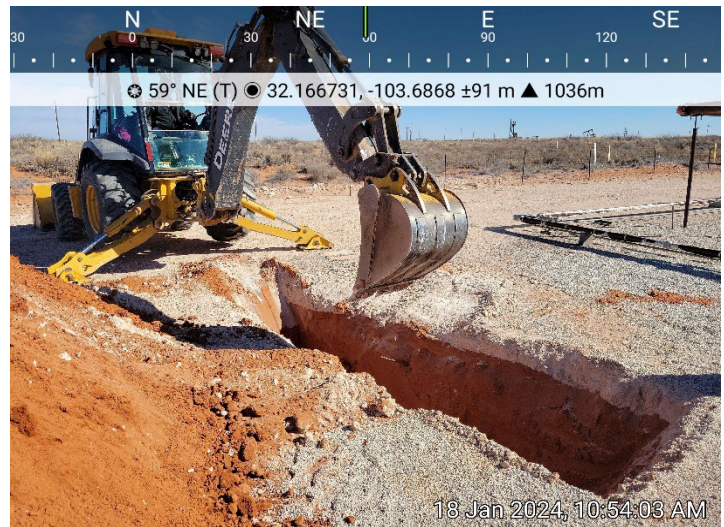
Facility: Lippizzan 4 Fed 1H CTB

County: Lea County, New Mexico

Description:
Area of Concern



PHOTOGRAPHIC LOG
Devon Energy Production Company
Lippizzan 4 Fed 1H CTB

Photograph No. 7**Facility:** Lippizzan 4 Fed 1H CTB**County:** Lea County, New Mexico**Description:**
View of Excavation.**Photograph No. 8****Facility:** Lippizzan 4 Fed 1H CTB**County:** Lea County, New Mexico**Description:**
View of Excavation**Photograph No. 9****Facility:** Lippizzan 4 Fed 1H CTB**County:** Lea County, New Mexico**Description:**
View of Excavation.

PHOTOGRAPHIC LOG
Devon Energy Production Company
Lippizzan 4 Fed 1H CTB

Photograph No. 10

Facility: Lippizzan 4 Fed 1H CTB

County: Lea County, New Mexico

Description:
View of Excavation.

**Photograph No. 11**

Facility: Lippizzan 4 Fed 1H CTB

County: Lea County, New Mexico

Description:
View of Excavation

**Photograph No. 12**

Facility: Lippizzan 4 Fed 1H CTB

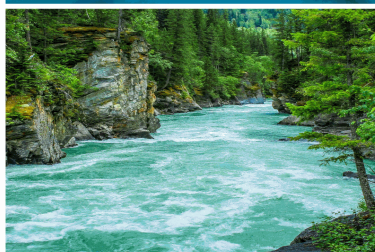
County: Lea County, New Mexico

Description:
View of Excavation



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

Report to:
Ethan Sessums



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Lippizzan 4 Fed 1 CTB

Work Order: E311068

Job Number: 21106-0001

Received: 11/9/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/15/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 11/15/23

Ethan Sessums
911 Regional Park Dr.
Houston, TX 77060



Project Name: Lippizzan 4 Fed 1 CTB
Workorder: E311068
Date Received: 11/9/2023 9:30:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/9/2023 9:30:00AM, under the Project Name: Lippizzan 4 Fed 1 CTB.

The analytical test results summarized in this report with the Project Name: Lippizzan 4 Fed 1 CTB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Cell: 775-287-1762
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name:	Lippizzan 4 Fed 1 CTB	Reported: 11/15/23 15:08
	Project Number:	21106-0001	
	Project Manager:	Ethan Sessums	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
H-1 0-0.5	E311068-01A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
H-2 0-0.5	E311068-02A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
H-3 0-0.5	E311068-03A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
H-4 0-0.5	E311068-04A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
H-5 0-0.5	E311068-05A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
H-6 0-0.5	E311068-06A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
H-7 0-0.5	E311068-07A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
H-8 0-0.5	E311068-08A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
H-9 0-0.5	E311068-09A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
H-10 0-0.5	E311068-10A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
H-11 0-0.5	E311068-11A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
H-12 0-0.5	E311068-12A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
H-13 0-0.5	E311068-13A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-1 0-0.5	E311068-14A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-1 1-1.5	E311068-15A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-1 2-2.5	E311068-16A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-1 3-3.5	E311068-17A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-1 4-4.5	E311068-18A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-2 0-0.5	E311068-19A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-2 1-1.5	E311068-20A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-2 2-2.5	E311068-21A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-2 3-3.5	E311068-22A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-2 4-4.5	E311068-23A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-3 0-0.5	E311068-24A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-3 1-1.5	E311068-25A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-3 2-2.5	E311068-26A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-3 3-3.5	E311068-27A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-3 4-4.5	E311068-28A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-4 0-0.5	E311068-29A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-4 1-1.5	E311068-30A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-4 2-2.5	E311068-31A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-4 3-3.5	E311068-32A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.
V-4 4-4.5	E311068-33A	Solid	11/07/23	11/09/23	Glass Jar, 4 oz.



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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H-1 0-0.5

E311068-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/12/23	
Toluene	ND	0.0250	1	11/09/23	11/12/23	
o-Xylene	ND	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/12/23	
Surrogate: 4-Bromochlorobenzene-PID	88.3 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.7 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2346014	
Diesel Range Organics (C10-C28)	25.8	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane	104 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2346012	
Chloride	442	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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H-2 0-0.5

E311068-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/12/23	
Toluene	ND	0.0250	1	11/09/23	11/12/23	
o-Xylene	ND	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/12/23	
Surrogate: 4-Bromochlorobenzene-PID	90.8 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.7 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2346014	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane	106 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2346012	
Chloride	43.3	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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H-3 0-0.5

E311068-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345076
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/12/23	
Toluene	ND	0.0250	1	11/09/23	11/12/23	
o-Xylene	ND	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.6 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345076
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.4 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346012
Chloride	127	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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H-4 0-0.5

E311068-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345076
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/12/23	
Toluene	ND	0.0250	1	11/09/23	11/12/23	
o-Xylene	ND	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.6 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345076
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.7 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346012
Chloride	54.3	20.0	1	11/13/23	11/13/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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H-5 0-0.5

E311068-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/12/23	
Toluene	ND	0.0250	1	11/09/23	11/12/23	
o-Xylene	ND	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/12/23	
Surrogate: 4-Bromochlorobenzene-PID	90.9 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.6 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2346014	
Diesel Range Organics (C10-C28)	26.1	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane	105 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2346012	
Chloride	113	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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H-6 0-0.5

E311068-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/12/23	
Toluene	ND	0.0250	1	11/09/23	11/12/23	
o-Xylene	ND	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.7 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346014	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346012	
Chloride	ND	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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H-7 0-0.5

E311068-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345076
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/12/23	
Toluene	ND	0.0250	1	11/09/23	11/12/23	
o-Xylene	ND	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345076
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.1 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346014
Diesel Range Organics (C10-C28)	40.4	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	80.7	50.0	1	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346012
Chloride	ND	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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H-8 0-0.5

E311068-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345076
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/12/23	
Toluene	ND	0.0250	1	11/09/23	11/12/23	
o-Xylene	ND	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345076
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346014
Diesel Range Organics (C10-C28)	44.4	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	110	50.0	1	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346012
Chloride	ND	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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H-9 0-0.5

E311068-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/12/23	
Toluene	ND	0.0250	1	11/09/23	11/12/23	
o-Xylene	ND	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/12/23	
Surrogate: 4-Bromochlorobenzene-PID	93.3 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.9 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2346014	
Diesel Range Organics (C10-C28)	155	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	192	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane	105 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2346012	
Chloride	311	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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H-10 0-0.5
E311068-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/12/23	
Toluene	ND	0.0250	1	11/09/23	11/12/23	
o-Xylene	ND	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/12/23	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.8 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2346014	
Diesel Range Organics (C10-C28)	425	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	378	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane	102 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2346012	
Chloride	460	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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H-11 0-0.5
E311068-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/12/23	
Toluene	ND	0.0250	1	11/09/23	11/12/23	
o-Xylene	ND	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/12/23	
Surrogate: 4-Bromochlorobenzene-PID	92.8 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.5 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2346014	
Diesel Range Organics (C10-C28)	118	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	137	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane	100 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2346012	
Chloride	526	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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H-12 0-0.5
E311068-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345076
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/12/23	
Toluene	ND	0.0250	1	11/09/23	11/12/23	
o-Xylene	ND	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345076
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346014
Diesel Range Organics (C10-C28)	64.4	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	80.4	50.0	1	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346012
Chloride	130	20.0	1	11/13/23	11/14/23	

Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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H-13 0-0.5
E311068-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/12/23	
Toluene	ND	0.0250	1	11/09/23	11/12/23	
o-Xylene	ND	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/12/23	
Surrogate: 4-Bromochlorobenzene-PID	94.8 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.4 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2346014	
Diesel Range Organics (C10-C28)	95.9	25.0	1	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	135	50.0	1	11/13/23	11/14/23	
Surrogate: n-Nonane	97.3 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2346012	
Chloride	36.2	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-1 0-0.5

E311068-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	0.119	0.0250	1	11/09/23	11/12/23	
Toluene	0.118	0.0250	1	11/09/23	11/12/23	
o-Xylene	0.235	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	0.672	0.0500	1	11/09/23	11/12/23	
Total Xylenes	0.907	0.0250	1	11/09/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346014	
Diesel Range Organics (C10-C28)	16300	250	10	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	9760	500	10	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	94.3 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346012	
Chloride	17500	400	20	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-1 1-1.5

E311068-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	0.0943	0.0250	1	11/09/23	11/12/23	
Toluene	0.0731	0.0250	1	11/09/23	11/12/23	
o-Xylene	0.212	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	0.485	0.0500	1	11/09/23	11/12/23	
Total Xylenes	0.696	0.0250	1	11/09/23	11/12/23	
Surrogate: 4-Bromochlorobenzene-PID	95.1 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.0 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2346014	
Diesel Range Organics (C10-C28)	15700	500	20	11/13/23	11/15/23	
Oil Range Organics (C28-C36)	9650	1000	20	11/13/23	11/15/23	
Surrogate: n-Nonane	98.3 %	50-200		11/13/23	11/15/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2346012	
Chloride	14600	400	20	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-1 2-2.5

E311068-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345076
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	0.0918	0.0250	1	11/09/23	11/12/23	
Toluene	0.0742	0.0250	1	11/09/23	11/12/23	
o-Xylene	0.166	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	0.391	0.0500	1	11/09/23	11/12/23	
Total Xylenes	0.558	0.0250	1	11/09/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345076
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346014
Diesel Range Organics (C10-C28)	9450	250	10	11/13/23	11/15/23	
Oil Range Organics (C28-C36)	6370	500	10	11/13/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	96.3 %	50-200		11/13/23	11/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346012
Chloride	9750	400	20	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-1 3-3.5

E311068-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	0.0839	0.0250	1	11/09/23	11/12/23	
Toluene	0.0583	0.0250	1	11/09/23	11/12/23	
o-Xylene	0.147	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	0.373	0.0500	1	11/09/23	11/12/23	
Total Xylenes	0.520	0.0250	1	11/09/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346021	
Diesel Range Organics (C10-C28)	10000	250	10	11/14/23	11/15/23	
Oil Range Organics (C28-C36)	5960	500	10	11/14/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		11/14/23	11/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346012	
Chloride	11900	400	20	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-1 4-4.5

E311068-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	0.0514	0.0250	1	11/09/23	11/12/23	
Toluene	0.0266	0.0250	1	11/09/23	11/12/23	
o-Xylene	0.0918	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	0.167	0.0500	1	11/09/23	11/12/23	
Total Xylenes	0.259	0.0250	1	11/09/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346021	
Diesel Range Organics (C10-C28)	5780	250	10	11/14/23	11/15/23	
Oil Range Organics (C28-C36)	3640	500	10	11/14/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		11/14/23	11/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346012	
Chloride	6780	200	10	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-2 0-0.5

E311068-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	0.156	0.0250	1	11/09/23	11/12/23	
Toluene	0.387	0.0250	1	11/09/23	11/12/23	
o-Xylene	0.578	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	1.47	0.0500	1	11/09/23	11/12/23	
Total Xylenes	2.05	0.0250	1	11/09/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	103 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Gasoline Range Organics (C6-C10)	32.0	20.0	1	11/09/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346021	
Diesel Range Organics (C10-C28)	22100	500	20	11/14/23	11/15/23	
Oil Range Organics (C28-C36)	10400	1000	20	11/14/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		11/14/23	11/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346012	
Chloride	4470	200	10	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-2 1-1.5

E311068-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Benzene	ND	0.0250	1	11/09/23	11/12/23	
Ethylbenzene	0.248	0.0250	1	11/09/23	11/12/23	
Toluene	0.453	0.0250	1	11/09/23	11/12/23	
o-Xylene	0.799	0.0250	1	11/09/23	11/12/23	
p,m-Xylene	1.80	0.0500	1	11/09/23	11/12/23	
Total Xylenes	2.60	0.0250	1	11/09/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345076	
Gasoline Range Organics (C6-C10)	47.1	20.0	1	11/09/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		11/09/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346021	
Diesel Range Organics (C10-C28)	15600	500	20	11/14/23	11/15/23	
Oil Range Organics (C28-C36)	7510	1000	20	11/14/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		11/14/23	11/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346012	
Chloride	3960	40.0	2	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-2 2-2.5

E311068-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	0.148	0.0250	1	11/09/23	11/13/23	
Toluene	0.375	0.0250	1	11/09/23	11/13/23	
o-Xylene	0.614	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	1.55	0.0500	1	11/09/23	11/13/23	
Total Xylenes	2.16	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Gasoline Range Organics (C6-C10)	29.3	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.3 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346005	
Diesel Range Organics (C10-C28)	12000	50.0	2	11/13/23	11/13/23	
Oil Range Organics (C28-C36)	4720	100	2	11/13/23	11/13/23	
<i>Surrogate: n-Nonane</i>						
		84.2 %	50-200	11/13/23	11/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346013	
Chloride	3340	20.0	1	11/13/23	11/13/23	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Lippizzan 4 Fed 1 CTB
Project Number: 21106-0001
Project Manager: Ethan Sessums

Reported:
11/15/2023 3:08:57PM

V-2 3-3.5

E311068-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345090
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	0.0966	0.0250	1	11/09/23	11/13/23	
Toluene	0.215	0.0250	1	11/09/23	11/13/23	
o-Xylene	0.421	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	1.04	0.0500	1	11/09/23	11/13/23	
Total Xylenes	1.46	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345090
Gasoline Range Organics (C6-C10)	22.3	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.3 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346005
Diesel Range Organics (C10-C28)	10900	500	20	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	5480	1000	20	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
		98.5 %	50-200	11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346013
Chloride	2320	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Lippizzan 4 Fed 1 CTB
Project Number: 21106-0001
Project Manager: Ethan Sessums

Reported:
11/15/2023 3:08:57PM

V-2 4-4.5

E311068-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345090
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	0.125	0.0250	1	11/09/23	11/13/23	
Toluene	0.289	0.0250	1	11/09/23	11/13/23	
o-Xylene	0.494	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	1.28	0.0500	1	11/09/23	11/13/23	
Total Xylenes	1.77	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345090
Gasoline Range Organics (C6-C10)	23.7	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.6 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346005
Diesel Range Organics (C10-C28)	10400	500	20	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	5380	1000	20	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
		92.9 %	50-200	11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346013
Chloride	2400	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-3 0-0.5

E311068-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	0.754	0.0250	1	11/09/23	11/13/23	
Toluene	0.232	0.0250	1	11/09/23	11/13/23	
o-Xylene	1.75	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	4.13	0.0500	1	11/09/23	11/13/23	
Total Xylenes	5.88	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	118 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Gasoline Range Organics (C6-C10)	73.2	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346005	
Diesel Range Organics (C10-C28)	20900	500	20	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	10000	1000	20	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346013	
Chloride	1370	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-3 1-1.5

E311068-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	0.570	0.0250	1	11/09/23	11/13/23	
Toluene	0.158	0.0250	1	11/09/23	11/13/23	
o-Xylene	1.37	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	3.21	0.0500	1	11/09/23	11/13/23	
Total Xylenes	4.58	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	119 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Gasoline Range Organics (C6-C10)	64.8	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346005	
Diesel Range Organics (C10-C28)	18500	500	20	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	8450	1000	20	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346013	
Chloride	1140	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-3 2-2.5

E311068-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	0.533	0.0250	1	11/09/23	11/13/23	
Toluene	0.144	0.0250	1	11/09/23	11/13/23	
o-Xylene	1.26	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	2.99	0.0500	1	11/09/23	11/13/23	
Total Xylenes	4.25	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	116 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Gasoline Range Organics (C6-C10)	56.2	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346005	
Diesel Range Organics (C10-C28)	15700	500	20	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	7530	1000	20	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346013	
Chloride	959	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-3 3-3.5

E311068-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345090
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	0.468	0.0250	1	11/09/23	11/13/23	
Toluene	0.125	0.0250	1	11/09/23	11/13/23	
o-Xylene	1.13	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	2.63	0.0500	1	11/09/23	11/13/23	
Total Xylenes	3.76	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		119 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345090
Gasoline Range Organics (C6-C10)	51.9	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.1 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346005
Diesel Range Organics (C10-C28)	14400	50.0	2	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	4240	100	2	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346013
Chloride	645	20.0	1	11/13/23	11/13/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-3 4-4.5

E311068-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	0.394	0.0250	1	11/09/23	11/13/23	
Toluene	0.0991	0.0250	1	11/09/23	11/13/23	
o-Xylene	0.964	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	2.22	0.0500	1	11/09/23	11/13/23	
Total Xylenes	3.19	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	115 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Gasoline Range Organics (C6-C10)	44.9	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346005	
Diesel Range Organics (C10-C28)	13100	500	20	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	6050	1000	20	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346013	
Chloride	599	20.0	1	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-4 0-0.5

E311068-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	0.551	0.0250	1	11/09/23	11/13/23	
Toluene	0.327	0.0250	1	11/09/23	11/13/23	
o-Xylene	1.33	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	3.17	0.0500	1	11/09/23	11/13/23	
Total Xylenes	4.50	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	122 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Gasoline Range Organics (C6-C10)	65.7	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346005	
Diesel Range Organics (C10-C28)	24000	500	20	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	9590	1000	20	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346013	
Chloride	9210	200	10	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-4 1-1.5

E311068-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	0.463	0.0250	1	11/09/23	11/13/23	
Toluene	0.267	0.0250	1	11/09/23	11/13/23	
o-Xylene	1.11	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	2.68	0.0500	1	11/09/23	11/13/23	
Total Xylenes	3.80	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	122 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Gasoline Range Organics (C6-C10)	60.6	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346005	
Diesel Range Organics (C10-C28)	17800	500	20	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	7290	1000	20	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346013	
Chloride	6140	200	10	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-4 2-2.5

E311068-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	0.396	0.0250	1	11/09/23	11/13/23	
Toluene	0.245	0.0250	1	11/09/23	11/13/23	
o-Xylene	0.939	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	2.26	0.0500	1	11/09/23	11/13/23	
Total Xylenes	3.20	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	114 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Gasoline Range Organics (C6-C10)	47.8	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346005	
Diesel Range Organics (C10-C28)	20200	500	20	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	8210	1000	20	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346013	
Chloride	7110	200	10	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-4 3-3.5

E311068-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	0.347	0.0250	1	11/09/23	11/13/23	
Toluene	0.188	0.0250	1	11/09/23	11/13/23	
o-Xylene	0.856	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	2.04	0.0500	1	11/09/23	11/13/23	
Total Xylenes	2.90	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	118 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Gasoline Range Organics (C6-C10)	51.7	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2346005	
Diesel Range Organics (C10-C28)	12100	500	20	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	5060	1000	20	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
	99.8 %	50-200		11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2346013	
Chloride	4280	40.0	2	11/13/23	11/14/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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V-4 4-4.5

E311068-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345090
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	0.277	0.0250	1	11/09/23	11/13/23	
Toluene	0.157	0.0250	1	11/09/23	11/13/23	
o-Xylene	0.665	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	1.60	0.0500	1	11/09/23	11/13/23	
Total Xylenes	2.27	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345090
Gasoline Range Organics (C6-C10)	36.5	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.4 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346005
Diesel Range Organics (C10-C28)	12500	500	20	11/13/23	11/14/23	
Oil Range Organics (C28-C36)	5480	1000	20	11/13/23	11/14/23	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	11/13/23	11/14/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346013
Chloride	4120	40.0	2	11/13/23	11/14/23	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2345076-BLK1) Prepared: 11/09/23 Analyzed: 11/12/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.04		8.00		88.0	70-130			

LCS (2345076-BS1) Prepared: 11/09/23 Analyzed: 11/12/23

Benzene	5.30	0.0250	5.00		106	70-130			
Ethylbenzene	5.16	0.0250	5.00		103	70-130			
Toluene	5.25	0.0250	5.00		105	70-130			
o-Xylene	5.14	0.0250	5.00		103	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.6	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.10		8.00		88.8	70-130			

Matrix Spike (2345076-MS1) Source: E311068-04 Prepared: 11/09/23 Analyzed: 11/12/23

Benzene	4.79	0.0250	5.00	ND	95.9	54-133			
Ethylbenzene	4.67	0.0250	5.00	ND	93.4	61-133			
Toluene	4.75	0.0250	5.00	ND	95.0	61-130			
o-Xylene	4.66	0.0250	5.00	ND	93.1	63-131			
p,m-Xylene	9.47	0.0500	10.0	ND	94.7	63-131			
Total Xylenes	14.1	0.0250	15.0	ND	94.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.15		8.00		89.4	70-130			

Matrix Spike Dup (2345076-MSD1) Source: E311068-04 Prepared: 11/09/23 Analyzed: 11/12/23

Benzene	4.77	0.0250	5.00	ND	95.3	54-133	0.603	20	
Ethylbenzene	4.66	0.0250	5.00	ND	93.3	61-133	0.191	20	
Toluene	4.73	0.0250	5.00	ND	94.7	61-130	0.322	20	
o-Xylene	4.63	0.0250	5.00	ND	92.7	63-131	0.442	20	
p,m-Xylene	9.48	0.0500	10.0	ND	94.8	63-131	0.188	20	
Total Xylenes	14.1	0.0250	15.0	ND	94.1	63-131	0.0191	20	
Surrogate: 4-Bromochlorobenzene-PID	7.25		8.00		90.6	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2345090-BLK1)

Prepared: 11/09/23 Analyzed: 11/13/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.19		8.00		89.9	70-130			

LCS (2345090-BS1)

Prepared: 11/09/23 Analyzed: 11/13/23

Benzene	4.82	0.0250	5.00		96.5	70-130			
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130			
Toluene	4.83	0.0250	5.00		96.5	70-130			
o-Xylene	4.75	0.0250	5.00		95.0	70-130			
p,m-Xylene	9.61	0.0500	10.0		96.1	70-130			
Total Xylenes	14.4	0.0250	15.0		95.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.0	70-130			

Matrix Spike (2345090-MS1)

Source: E311068-23 Prepared: 11/09/23 Analyzed: 11/13/23

Benzene	5.01	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.96	0.0250	5.00	0.125	96.6	61-133			
Toluene	5.19	0.0250	5.00	0.289	97.9	61-130			
o-Xylene	5.41	0.0250	5.00	0.494	98.3	63-131			
p,m-Xylene	10.9	0.0500	10.0	1.28	95.8	63-131			
Total Xylenes	16.3	0.0250	15.0	1.77	96.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.48		8.00		106	70-130			

Matrix Spike Dup (2345090-MSD1)

Source: E311068-23 Prepared: 11/09/23 Analyzed: 11/13/23

Benzene	5.07	0.0250	5.00	ND	101	54-133	1.14	20	
Ethylbenzene	5.02	0.0250	5.00	0.125	97.8	61-133	1.22	20	
Toluene	5.26	0.0250	5.00	0.289	99.5	61-130	1.49	20	
o-Xylene	5.51	0.0250	5.00	0.494	100	63-131	1.77	20	
p,m-Xylene	11.1	0.0500	10.0	1.28	98.0	63-131	1.95	20	
Total Xylenes	16.6	0.0250	15.0	1.77	98.7	63-131	1.89	20	
Surrogate: 4-Bromochlorobenzene-PID	8.65		8.00		108	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2345076-BLK1)					Prepared: 11/09/23 Analyzed: 11/12/23				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.96		8.00		99.5	70-130			
LCS (2345076-BS2)					Prepared: 11/09/23 Analyzed: 11/12/23				
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0		95.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.14		8.00		102	70-130			
Matrix Spike (2345076-MS2)					Source: E311068-04		Prepared: 11/09/23 Analyzed: 11/12/23		
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		8.00		99.7	70-130			
Matrix Spike Dup (2345076-MSD2)					Source: E311068-04		Prepared: 11/09/23 Analyzed: 11/12/23		
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.1	70-130	2.24	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.16		8.00		102	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2345090-BLK1) Prepared: 11/09/23 Analyzed: 11/13/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			

LCS (2345090-BS2) Prepared: 11/09/23 Analyzed: 11/13/23

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			

Matrix Spike (2345090-MS2) Source: E311068-23 Prepared: 11/09/23 Analyzed: 11/13/23

Gasoline Range Organics (C6-C10)	61.5	20.0	50.0	23.7	75.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	70-130			

Matrix Spike Dup (2345090-MSD2) Source: E311068-23 Prepared: 11/09/23 Analyzed: 11/13/23

Gasoline Range Organics (C6-C10)	66.0	20.0	50.0	23.7	84.7	70-130	7.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.2	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2346005-BLK1)					Prepared: 11/13/23 Analyzed: 11/13/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.1		50.0		88.3	50-200			

LCS (2346005-BS1)					Prepared: 11/13/23 Analyzed: 11/13/23				
Diesel Range Organics (C10-C28)	231	25.0	250		92.2	38-132			
Surrogate: n-Nonane	45.1		50.0		90.3	50-200			

Matrix Spike (2346005-MS1)					Source: E311057-04		Prepared: 11/13/23 Analyzed: 11/13/23		
Diesel Range Organics (C10-C28)	221	25.0	250	ND	88.5	38-132			
Surrogate: n-Nonane	42.3		50.0		84.6	50-200			

Matrix Spike Dup (2346005-MSD1)					Source: E311057-04		Prepared: 11/13/23 Analyzed: 11/13/23		
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.6	38-132	3.43	20	
Surrogate: n-Nonane	40.1		50.0		80.1	50-200			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Lippizzan 4 Fed 1 CTB	Reported:
911 Regional Park Dr.	Project Number:	21106-0001	
Houston TX, 77060	Project Manager:	Ethan Sessums	11/15/2023 3:08:57PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2346014-BLK1)					Prepared: 11/13/23 Analyzed: 11/14/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	50-200			

LCS (2346014-BS1)					Prepared: 11/13/23 Analyzed: 11/14/23				
Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132			
Surrogate: n-Nonane	53.6		50.0		107	50-200			

Matrix Spike (2346014-MS1)					Source: E311096-02		Prepared: 11/13/23 Analyzed: 11/14/23		
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132			
Surrogate: n-Nonane	53.4		50.0		107	50-200			

Matrix Spike Dup (2346014-MSD1)					Source: E311096-02		Prepared: 11/13/23 Analyzed: 11/14/23		
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132	1.25	20	
Surrogate: n-Nonane	52.1		50.0		104	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2346021-BLK1)					Prepared: 11/14/23 Analyzed: 11/14/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	61.7		50.0		123	50-200			

LCS (2346021-BS1)					Prepared: 11/14/23 Analyzed: 11/14/23				
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	53.6		50.0		107	50-200			

Matrix Spike (2346021-MS1)					Source: E311068-19		Prepared: 11/14/23 Analyzed: 11/15/23		
Diesel Range Organics (C10-C28)	22300	500	250	22100	111	38-132			
Surrogate: n-Nonane	51.3		50.0		103	50-200			

Matrix Spike Dup (2346021-MSD1)					Source: E311068-19		Prepared: 11/14/23 Analyzed: 11/15/23		
Diesel Range Organics (C10-C28)	22000	500	250	22100	NR	38-132	1.62	20	M4
Surrogate: n-Nonane	52.1		50.0		104	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2346012-BLK1)					Prepared: 11/13/23 Analyzed: 11/13/23				
Chloride	ND	20.0							
LCS (2346012-BS1)					Prepared: 11/13/23 Analyzed: 11/13/23				
Chloride	240	20.0	250		96.2	90-110			
Matrix Spike (2346012-MS1)					Source: E311068-04		Prepared: 11/13/23 Analyzed: 11/13/23		
Chloride	293	20.0	250	54.3	95.4	80-120			
Matrix Spike Dup (2346012-MSD1)					Source: E311068-04		Prepared: 11/13/23 Analyzed: 11/14/23		
Chloride	293	20.0	250	54.3	95.3	80-120	0.00752	20	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Lippizzan 4 Fed 1 CTB Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 11/15/2023 3:08:57PM
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Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2346013-BLK1)					Prepared: 11/13/23 Analyzed: 11/13/23				
Chloride	ND	20.0							
LCS (2346013-BS1)					Prepared: 11/13/23 Analyzed: 11/13/23				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2346013-MS1)					Source: E311068-27		Prepared: 11/13/23 Analyzed: 11/13/23		
Chloride	975	20.0	250	645	132	80-120			M2
Matrix Spike Dup (2346013-MSD1)					Source: E311068-27		Prepared: 11/13/23 Analyzed: 11/13/23		
Chloride	930	20.0	250	645	114	80-120	4.81	20	

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



Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	Lippizzan 4 Fed 1 CTB	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	11/15/23 15:08

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page 1 of 4Additional Comments:

Revised Date 05/12/2020 Rev. 2020.1

Work Order No: E311068
Job# 21106-0001

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
 State of Project:
 Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
 Deliverables: EDD ☐ ADaPT ☐ Other: ☐

[illegible]

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 JS	8:30 am	11/8/23	2	Michelle Gayle	11-8-23 1130
Michelle Gayle	Andrew Niss	11-8-23 1200	4 Andrew Niss	Murphy	11/9/23 9:30
5			6		

Work Order No: E311068
Job# 21106-0001

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other: ☐

[illegible]

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time
1	<i>TS</i>	<i>[Signature]</i>	8:30 am	11/8/23	2	<i>[Signature]</i>	<i>Michelle Gough</i>	11-8-23 1130	
3	<i>Michelle Gough</i>	<i>Andrew Russo</i>		11-8-23 1200	4	<i>Andrew Russo</i>	<i>[Signature]</i>	11/9/23 9:30	
5					6				









Work Order No: E311008
Job # 21106-0001

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
 State of Project:
 Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
 Deliverables: EDD ☐ ADaPT ☐ Other: ☐

[illegible]

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

Relinquished by: (Signature)		Received by: (Signature)		Date/Time		Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1			8:30 am	11/8/23	2			11-8-23	11:30		
3			4:55	11-8-23 1700	4			11-8-23	9:30		
5					6						

Envirotech Analytical Laboratory

Printed: 11/9/2023 10:40:48AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	NTG-New Tech Global Environmental	Date Received:	11/09/23 09:30	Work Order ID:	E311068
Phone:	(281) 872-9300	Date Logged In:	11/08/23 16:34	Logged In By:	Jordan Montano
Email:	essessums@ntglobal.com	Due Date:	11/16/23 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

SRC email not sent per client request.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
Sample ID? Yes
Date/Time Collected? Yes
Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: N/A

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



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

February 21, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LIPPIZZAN 4 FED 1H CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/20/24 13:22.

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, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/20/2024
 Reported: 02/21/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 1 5-5.5' (H240820-01)

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	02/20/2024	ND	1.91	95.5	2.00	2.29	
Toluene*	<0.050	0.050	02/20/2024	ND	2.01	101	2.00	3.36	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.98	98.9	2.00	3.39	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.15	103	6.00	4.22	
Total BTEx	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/21/2024	ND	416	104	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	02/20/2024	ND	227	114	200	3.97	
DRO >C10-C28*	1420	10.0	02/20/2024	ND	225	112	200	5.41	
EXT DRO >C28-C36	913	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 54.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 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: 02/20/2024
 Reported: 02/21/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 1 6-6.5' (H240820-02)

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	02/20/2024	ND	1.91	95.5	2.00	2.29		
Toluene*	<0.050	0.050	02/20/2024	ND	2.01	101	2.00	3.36		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.98	98.9	2.00	3.39		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.15	103	6.00	4.22		
Total BTEx	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/21/2024	ND	416	104	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	02/20/2024	ND	227	114	200	3.97	
DRO >C10-C28*	62.0	10.0	02/20/2024	ND	225	112	200	5.41	
EXT DRO >C28-C36	44.5	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 65.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.5 % 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: 02/20/2024
 Reported: 02/21/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 2 5-5.5' (H240820-03)

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	02/20/2024	ND	1.91	95.5	2.00	2.29		
Toluene*	<0.050	0.050	02/20/2024	ND	2.01	101	2.00	3.36		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.98	98.9	2.00	3.39		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.15	103	6.00	4.22		
Total BTEx	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/21/2024	ND	416	104	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	02/20/2024	ND	227	114	200	3.97	
DRO >C10-C28*	1290	10.0	02/20/2024	ND	225	112	200	5.41	
EXT DRO >C28-C36	828	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 52.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.1 % 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: 02/20/2024
 Reported: 02/21/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 2 6-6.5' (H240820-04)

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	02/20/2024	ND	1.91	95.5	2.00	2.29		
Toluene*	<0.050	0.050	02/20/2024	ND	2.01	101	2.00	3.36		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.98	98.9	2.00	3.39		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.15	103	6.00	4.22		
Total BTEX	<0.300	0.300	02/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/21/2024	ND	416	104	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	02/21/2024	ND	227	114	200	3.97	
DRO >C10-C28*	11.9	10.0	02/21/2024	ND	225	112	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 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: 02/20/2024
 Reported: 02/21/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 3 5-5.5' (H240820-05)

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	02/20/2024	ND	1.91	95.5	2.00	2.29		
Toluene*	<0.050	0.050	02/20/2024	ND	2.01	101	2.00	3.36		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.98	98.9	2.00	3.39		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.15	103	6.00	4.22		
Total BTEx	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/21/2024	ND	416	104	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	02/20/2024	ND	227	114	200	3.97	
DRO >C10-C28*	2400	10.0	02/20/2024	ND	225	112	200	5.41	
EXT DRO >C28-C36	1550	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 58.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 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: 02/20/2024
 Reported: 02/21/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 3 6-6.5' (H240820-06)

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	02/20/2024	ND	1.91	95.5	2.00	2.29		
Toluene*	<0.050	0.050	02/20/2024	ND	2.01	101	2.00	3.36		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.98	98.9	2.00	3.39		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.15	103	6.00	4.22		
Total BTEx	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	02/20/2024	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	02/20/2024	ND	227	114	200	3.97	
DRO >C10-C28*	79.9	10.0	02/20/2024	ND	225	112	200	5.41	
EXT DRO >C28-C36	52.8	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 63.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.2 % 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: 02/20/2024
 Reported: 02/21/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 4 5-5.5' (H240820-07)

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	02/20/2024	ND	1.91	95.5	2.00	2.29		
Toluene*	<0.050	0.050	02/20/2024	ND	2.01	101	2.00	3.36		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.98	98.9	2.00	3.39		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.15	103	6.00	4.22		
Total BTEx	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	02/20/2024	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	02/20/2024	ND	227	114	200	3.97	
DRO >C10-C28*	1790	10.0	02/20/2024	ND	225	112	200	5.41	
EXT DRO >C28-C36	1150	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 62.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 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: 02/20/2024
 Reported: 02/21/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 4 6-6.5' (H240820-08)

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	02/20/2024	ND	1.91	95.5	2.00	2.29		
Toluene*	<0.050	0.050	02/20/2024	ND	2.01	101	2.00	3.36		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.98	98.9	2.00	3.39		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.15	103	6.00	4.22		
Total BTEx	<0.300	0.300	02/20/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/20/2024	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	02/20/2024	ND	227	114	200	3.97	
DRO >C10-C28*	100	10.0	02/20/2024	ND	225	112	200	5.41	
EXT DRO >C28-C36	68.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 61.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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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

BILL TO

ANALYSIS REQUEST

Company Name:

UTGE

Project Manager:

Ethan Sessums

Address:

809 W. McKay Street

City:

Carlsbad

State: NM Zip: 88220

Phone #:

354-866-5456

Fax #:

Project #:

837454

Project Owner: Devon

Project Name:

Lippizian 4 Fed 1H CTB

Project Location:

Ken Co, NM

Sampler Name:

Kenny Han

P.O. #: 21237002

Company: Devon

Attn: Dyle Woodall

Address:

City:

State: Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :												
1	U-1	5-5.5'	1							2/20/24	11:00										
2	U-3	6-6.5'	1								11:05										
3	U-3	5-5.5'	1								11:07										
4	U-3	6-6.5'	1								11:12										
5	U-3	5-5.5'	1								11:14										
6	U-3	6-6.5'	1								11:18										
7	U-4	5-5.5'	1								11:20										
8	U-4	6-6.5'	1								11:23										

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of, or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any o. The above stated reasons or otherwise.

Relinquished By:

Date: 2/20/24

Received By:

Verbal Results: ☐ Yes ☐ No ☐ Add'l Phone #:

All Results are emailed. Please provide Email address:

Relinquished By:

Date: 2/20/24

Received By:

REMARKS:

Delivered By: (Circle One)

Observed Temp. °C

Sample Condition Cool Intact

CHECKED BY: (Initials)

Turnaround Time:

Standard

☒

Bacteria (only) Sample Condition Cool Intact

Observed Temp. °C

Sampler - UPS - Bus - Other:

Corrected Temp. °C

☐ Yes ☐ No

24 hr

Thermometer ID #140

Correction Factor 0°C

☐ Yes ☐ No

Corrected Temp. °C

FORM 006-034 07/11/23

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



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

March 12, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LIPPIZZAN 4 FED 1H CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/07/24 13:37.

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, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/07/2024
 Reported: 03/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 03/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 1 7-7.5' (H241164-01)

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	03/09/2024	ND	1.94	96.8	2.00	2.31	
Toluene*	<0.050	0.050	03/09/2024	ND	2.02	101	2.00	1.75	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	1.98	99.0	2.00	1.92	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.02	100	6.00	1.93	
Total BTEX	<0.300	0.300	03/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	03/11/2024	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	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	133	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	38.6	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 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: 03/07/2024
 Reported: 03/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 03/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 1 8-8.5' (H241164-02)

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	03/09/2024	ND	1.94	96.8	2.00	2.31		
Toluene*	<0.050	0.050	03/09/2024	ND	2.02	101	2.00	1.75		
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	1.98	99.0	2.00	1.92		
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.02	100	6.00	1.93		
Total BTEX	<0.300	0.300	03/09/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/11/2024	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	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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: 03/07/2024
 Reported: 03/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 03/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 3 7-7.5' (H241164-03)

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	03/09/2024	ND	1.94	96.8	2.00	2.31		
Toluene*	<0.050	0.050	03/09/2024	ND	2.02	101	2.00	1.75		
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	1.98	99.0	2.00	1.92		
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.02	100	6.00	1.93		
Total BTEx	<0.300	0.300	03/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/11/2024	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	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	37.2	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	12.9	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 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: 03/07/2024
 Reported: 03/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 03/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 3 8-8.5' (H241164-04)

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	03/09/2024	ND	1.94	96.8	2.00	2.31	
Toluene*	<0.050	0.050	03/09/2024	ND	2.02	101	2.00	1.75	
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	1.98	99.0	2.00	1.92	
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.02	100	6.00	1.93	
Total BTEX	<0.300	0.300	03/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	03/11/2024	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	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 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: 03/07/2024
 Reported: 03/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 03/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 4 7-7.5' (H241164-05)

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	03/09/2024	ND	1.94	96.8	2.00	2.31		
Toluene*	<0.050	0.050	03/09/2024	ND	2.02	101	2.00	1.75		
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	1.98	99.0	2.00	1.92		
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.02	100	6.00	1.93		
Total BTEX	<0.300	0.300	03/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	03/11/2024	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	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	38.8	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	12.6	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 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: 03/07/2024
 Reported: 03/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 03/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 4 8-8.5' (H241164-06)

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	03/09/2024	ND	1.94	96.8	2.00	2.31		
Toluene*	<0.050	0.050	03/09/2024	ND	2.02	101	2.00	1.75		
Ethylbenzene*	<0.050	0.050	03/09/2024	ND	1.98	99.0	2.00	1.92		
Total Xylenes*	<0.150	0.150	03/09/2024	ND	6.02	100	6.00	1.93		
Total BTEX	<0.300	0.300	03/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	03/11/2024	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	03/08/2024	ND	234	117	200	4.46	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	249	124	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 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

- 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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Work Order No: 7241104

Page 1 of 1Page 9 of 9



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

April 12, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LIPPIZZAN 4 FED 1H CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/10/24 13:10.

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 "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 1 6' (H241855-01)

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	04/10/2024	ND	2.04	102	2.00	3.09	
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34	
Total BTX	<0.300	0.300	04/10/2024	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	208	16.0	04/11/2024	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	04/10/2024	ND	206	103	200	2.80	
DRO >C10-C28*	20.5	10.0	04/10/2024	ND	186	93.0	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 2 6' (H241855-02)

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	04/10/2024	ND	2.04	102	2.00	3.09		
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03		
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09		
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34		
Total BTEX	<0.300	0.300	04/10/2024	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	48.0	16.0	04/11/2024	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	04/10/2024	ND	206	103	200	2.80	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	186	93.0	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 3 8' (H241855-03)

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	04/10/2024	ND	2.04	102	2.00	3.09	
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34	
Total BTEX	<0.300	0.300	04/10/2024	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	48.0	16.0	04/11/2024	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	04/10/2024	ND	206	103	200	2.80	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	186	93.0	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 4 8' (H241855-04)

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	04/10/2024	ND	2.04	102	2.00	3.09	
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34	
Total BTEX	<0.300	0.300	04/10/2024	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	112	16.0	04/11/2024	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	04/10/2024	ND	206	103	200	2.80	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	186	93.0	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 5 8' (H241855-05)

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	04/10/2024	ND	2.04	102	2.00	3.09		
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03		
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09		
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34		
Total BTEX	<0.300	0.300	04/10/2024	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	80.0	16.0	04/11/2024	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	04/11/2024	ND	206	103	200	2.80	
DRO >C10-C28*	<10.0	10.0	04/11/2024	ND	186	93.0	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/11/2024	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 6 8' (H241855-06)

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	04/10/2024	ND	2.04	102	2.00	3.09	
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34	
Total BTX	<0.300	0.300	04/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	176	16.0	04/11/2024	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	04/11/2024	ND	206	103	200	2.80	
DRO >C10-C28*	<10.0	10.0	04/11/2024	ND	186	93.0	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/11/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 8' (H241855-07)

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	04/10/2024	ND	2.04	102	2.00	3.09		
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03		
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09		
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34		
Total BTEX	<0.300	0.300	04/10/2024	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	04/11/2024	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	04/11/2024	ND	206	103	200	2.80	
DRO >C10-C28*	<10.0	10.0	04/11/2024	ND	186	93.0	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/11/2024	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 8 8' (H241855-08)

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	04/10/2024	ND	2.04	102	2.00	3.09		
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03		
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09		
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34		
Total BTEX	<0.300	0.300	04/10/2024	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	112	16.0	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 9 8' (H241855-09)

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	04/10/2024	ND	2.04	102	2.00	3.09	
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34	
Total BTEX	<0.300	0.300	04/10/2024	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	112	16.0	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 10 8' (H241855-10)

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	04/10/2024	ND	2.04	102	2.00	3.09		
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03		
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09		
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34		
Total BTEX	<0.300	0.300	04/10/2024	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	128	16.0	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 11 8' (H241855-11)

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	04/10/2024	ND	2.04	102	2.00	3.09		
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03		
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09		
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34		
Total BTX	<0.300	0.300	04/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 12 8' (H241855-12)

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	04/10/2024	ND	2.04	102	2.00	3.09		
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03		
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09		
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34		
Total BTEX	<0.300	0.300	04/10/2024	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	80.0	16.0	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 1 0-6' (H241855-13)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/10/2024	ND	2.04	102	2.00	3.09		
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03		
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09		
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34		
Total BTX	<0.300	0.300	04/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 2 0-6' (H241855-14)

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	04/10/2024	ND	2.04	102	2.00	3.09	
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34	
Total BTEX	<0.300	0.300	04/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 3 0-6' (H241855-15)

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	04/10/2024	ND	2.04	102	2.00	3.09		
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03		
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09		
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34		
Total BTEx	<0.300	0.300	04/10/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 4 0-6' (H241855-16)

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	04/10/2024	ND	2.04	102	2.00	3.09		
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03		
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09		
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34		
Total BTEx	<0.300	0.300	04/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 5 0-8' (H241855-17)

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	04/10/2024	ND	2.04	102	2.00	3.09	
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34	
Total BTEX	<0.300	0.300	04/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 6 0-8' (H241855-18)

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	04/10/2024	ND	2.04	102	2.00	3.09	
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34	
Total BTX	<0.300	0.300	04/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 7 0-8' (H241855-19)

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	04/10/2024	ND	2.04	102	2.00	3.09	
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03	
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34	
Total BTEX	<0.300	0.300	04/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 8 0-8' (H241855-20)

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	04/10/2024	ND	2.04	102	2.00	3.09		
Toluene*	<0.050	0.050	04/10/2024	ND	2.21	110	2.00	3.03		
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.24	112	2.00	3.09		
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.82	114	6.00	2.34		
Total BTX	<0.300	0.300	04/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 9 0-8' (H241855-21)

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	04/11/2024	ND	2.13	106	2.00	2.97		
Toluene*	<0.050	0.050	04/11/2024	ND	2.06	103	2.00	2.83		
Ethylbenzene*	<0.050	0.050	04/11/2024	ND	2.01	100	2.00	2.37		
Total Xylenes*	<0.150	0.150	04/11/2024	ND	5.87	97.9	6.00	2.10		
Total BTEX	<0.300	0.300	04/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 68.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 10 0-8' (H241855-22)

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	04/11/2024	ND	2.13	106	2.00	2.97	
Toluene*	<0.050	0.050	04/11/2024	ND	2.06	103	2.00	2.83	
Ethylbenzene*	<0.050	0.050	04/11/2024	ND	2.01	100	2.00	2.37	
Total Xylenes*	<0.150	0.150	04/11/2024	ND	5.87	97.9	6.00	2.10	
Total BTEX	<0.300	0.300	04/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/11/2024	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	04/10/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 11 0-8' (H241855-23)

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	04/11/2024	ND	2.13	106	2.00	2.97	
Toluene*	<0.050	0.050	04/11/2024	ND	2.06	103	2.00	2.83	
Ethylbenzene*	<0.050	0.050	04/11/2024	ND	2.01	100	2.00	2.37	
Total Xylenes*	<0.150	0.150	04/11/2024	ND	5.87	97.9	6.00	2.10	
Total BTEX	<0.300	0.300	04/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/11/2024	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	04/11/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/11/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/11/2024	ND					

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 49.1-148

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Mike Snyder For 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: 04/10/2024
 Reported: 04/12/2024
 Project Name: LIPPIZZAN 4 FED 1H CTB
 Project Number: 237954
 Project Location: DEVON - LEA CO., NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 12 0-8' (H241855-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2024	ND	2.13	106	2.00	2.97	
Toluene*	<0.050	0.050	04/11/2024	ND	2.06	103	2.00	2.83	
Ethylbenzene*	<0.050	0.050	04/11/2024	ND	2.01	100	2.00	2.37	
Total Xylenes*	<0.150	0.150	04/11/2024	ND	5.87	97.9	6.00	2.10	
Total BTEX	<0.300	0.300	04/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2024	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	04/11/2024	ND	192	95.9	200	2.94	
DRO >C10-C28*	<10.0	10.0	04/11/2024	ND	203	102	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/11/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For 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: NICE Project Manager: Ethan Sessions Address: 208 W McKay St City: Carlsbad, NM State: NM Zip: 88220 Phone #: Fax #:		P.O. #: 21237002 Company: DEVON Attn: Dale Woodell Address: City: State: Zip: Phone #: Fax #:		BILL TO	
Project #: 237954 Project Name: Lippizan y Fed 1 CTB Project Location: Lea Co, NM Sample Name: Clayton Tamas		Project Owner: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
FOR LAB USE ONLY		MATRIX (G) RAB OR (C) OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		PRESERV ACID/BASE: ICE / COOL OTHER:	
Lab I.D. HA41855		Sample I.D. CS-1 CS-2 CS-3 CS-4 CS-5 CS-6 CS-7 CS-8 CS-9 CS-10		DATE 4/10/24	
PLEASE NOTE: Liability and damages. Cardinal's liability and client's acceptance remedy, for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. 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 subcontractors, affiliates or successors. The use of Cardinal's services shall constitute acceptance of the terms and conditions of service provided by Cardinal, regardless of whether such claim is based on any of the above stated warranties or otherwise.		RECEIVED BY: [Signature] DATE: TIME: 4:10:24 RECEIVED BY: [Signature]		REMARKS: Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:	
Relinquished By: [Signature]		Observed Temp. °C: 3.6 Corrected Temp. °C: Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: [Signature]		Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Thermometer ID #140 <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Correction Factor 0°C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C Corrected Temp. °C	

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NICE Project Manager: Ethan Sessions Address: 208 W McKay St City: Carlsbad, NM State: NM zip: 88220 Phone #: Fax #: Project #: 237954 Project Name: Lippizan y Fed 1 CTB Project Location: Lea Co, NM Sample Name: Clayton Thomas		BILL TO P.O. #: 21237002 Company: Devon Attn: Dale Woodell Address: City: State: Zip: Phone #: Fax #:	
Lab I.D. H941855 11 12 13 14 15 16 17 18 19 20		Sample I.D. CS-11 CS-12 CS-13 CS-14 CS-15 CS-16 CS-17 CS-18 CS-19 CS-20	
Matrix: (G) RAB OR (C) OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:		PRESERVATION: DATE TIME	
REMARKS: Relinquished By: [Signature] Date: 4-10-24 Time: 1310 Received By: [Signature] Date: 4-10-24 Time: 1310		ANALYSIS REQUEST TPH BTEX Chloride	
Delivered By: (Circle One) Observed Temp. °C: 3.6 Corrected Temp. °C: Sample Condition: Cool Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: [Signature] Turnaround Time: Thermometer ID #140 Correction Factor 0°C: Bacteria (only) Sample Condition: Cool Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C: Corrected Temp. °C:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> 48 Hr	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NICE Project Manager: Ethan Sessions Address: 208 W McKay St City: Carlsbad NM State: NM Zip: 88220 Phone #: Fax #:		P.O. #: 21237002 Company: Devon Attn: Dale Woodell Address: City: State: Zip: Phone #: Fax #:	
Project #: 237954 Project Name: Lippizan Project Location: Lea Co, NM Sample Name: Clayton Thomas		Project Owner: 4 Fed 1 CTB City: State: Zip: Phone #: Fax #:	
FOR LAB USE ONLY Lab I.D.: 4241855 Sample I.D.: SW-9 0-8 SW-10 0-8 SW-11 0-8 SW-12 0-8 4-10-24		MATRIX (G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE ICE / COOL OTHER	
DATE 4/10/24		SAMPLING TPH BTEX Chloride	
Relinquished By: Date: 4-10-24 Received By: Date: 4-10-24 Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:	
Turnaround Time: Standard: <input type="checkbox"/> Expedited: <input type="checkbox"/> Bacteria (only) Sample Condition: Thermometer ID #140: <input type="checkbox"/> Cool Intact: <input type="checkbox"/> Correction Factor 0°C: <input type="checkbox"/> Observed Temp. °C: <input type="checkbox"/> Corrected Temp. °C: <input type="checkbox"/>		REMARKS:	

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QUESTIONS

Action 341519

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	341519
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2328044406
Incident Name	NAPP2328044406 LIPPIZZAN 4 FED 1H CTB @ 0
Incident Type	Produced Water Release
Incident Status	Deferral Request Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	LIPPIZZAN 4 FED 1H CTB
Date Release Discovered	10/06/2023
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Separator Crude Oil Released: 8 BBL Recovered: 6 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Separator Produced Water Released: 15 BBL Recovered: 0 BBL Lost: 15 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	LO found water dump on three phase washed out and leaking. The leak was isolated. All fluids stayed on pad. Spill was not in a lined containment.

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QUESTIONS, Page 2

Action 341519

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	341519
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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmv.com Date: 05/07/2024
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QUESTIONS, Page 3

Action 341519

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	341519
	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	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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)	17500
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	33655
GRO+DRO	(EPA SW-846 Method 8015M)	24065
BTEX	(EPA SW-846 Method 8021B or 8260B)	6.8
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

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	03/25/2024
On what date will (or did) the final sampling or liner inspection occur	04/15/2024
On what date will (or was) the remediation complete(d)	04/25/2024
What is the estimated surface area (in square feet) that will be reclaimed	2358
What is the estimated volume (in cubic yards) that will be reclaimed	670
What is the estimated surface area (in square feet) that will be remediated	2358
What is the estimated volume (in cubic yards) that will be remediated	670

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 341519

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	341519
	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	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 05/07/2024
<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 341519

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	341519
	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	The area is directly under or next to the on-pad facilities and power poles
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	4494
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	1332
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	30-025-41829 LIPPIZZAN 4 FEDERAL #001H
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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 05/07/2024

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QUESTIONS, Page 6

Action 341519

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	341519
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	331025
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/10/2024
What was the (estimated) number of samples that were to be gathered	23
What was the sampling surface area in square feet	2358

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 341519

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 341519
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Deferral approved. Deferral of V-3 and V-4 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	5/29/2024