

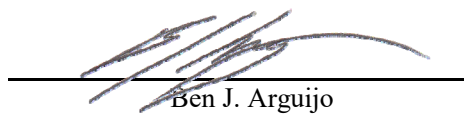
Remediation Summary & Deferral Request

Mewbourne Oil Company Lindale 24 25 WIDE Federal #001H

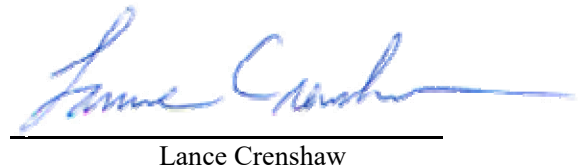
Eddy County, New Mexico
Unit Letter "D", Section 24, Township 26 South, Range 30 East
Latitude 32.034240700° North, Longitude 103.84149430° West
NMOCD Reference No. nAPP2301170136

Prepared By:

Etech Environmental & Safety Solutions, Inc.
6309 Indiana Ave, Ste. D
Lubbock, Texas 79413



Ben J. Arguijo



Lance Crenshaw



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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company (Mewbourne), has prepared this *Remediation Summary & Deferral Request* for the release site known as the Lindale 24 25 WIDE Federal #001H (Site). Details of the release are summarized below.

Location of Release Source

Latitude: 32.0342407 Longitude: -103.8414943

Provided GPS are in WGS84 format.

Site Name: Lindale 24 25 WIDE Federal #001H Site Type: Tank Battery

Unit Letter	Section	Township	Range	County
"D"	24	26S	30E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name _____)

Nature and Volume of Release

☒ Crude Oil	Volume Released (bbls) 5	Volume Recovered (bbls) 0
☒ Produced Water	Volume Released (bbls) 18	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?	☒ Yes ☐ No ☐ N/A
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released	Volume/Weight Recovered
Cause of Release: A freeze caused equipment to overpressurize and release fluid through a pressure relief valve.		

Initial Response

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
☒ All free liquids and recoverable materials have been removed and managed appropriately.

Previously submitted portions of the New Mexico Oil Conservation Division (NMOCD) Form C-141 are available in the NMOCD Permitting system.

2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Between 100 and 500 (ft.)
What method was used to determine the depth to groundwater?	OCD Imaging Records Lookup
Did the release impact groundwater or surface water?	☐ Yes ☒ 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?	Between 500 and 1,000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution or church?	> 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between 1,000 (ft.) and ½ (mi.)
Any other fresh water well or spring?	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	> 5 (mi.)
A wetland?	Between 500 and 1,000 (ft.)
A subsurface mine?	> 5 (mi.)
A (non-karst) unstable area?	Between 500 and 1,000 (ft.)
Categorize the risk of this well/site being in a karst geology.	Medium
A 100-year floodplain?	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production or storage site?	☒ Yes ☐ No

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater and NMOCD siting information is provided as Appendix A.

Additional NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; aerial imagery. The results are depicted in Figures 1, 2A, 2B, and 3.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the Closure Criteria and Reclamation Standards for the Site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standards*‡
Between 100 and 500 (ft.)	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	600	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	100
	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	N/A	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

* Measured in milligrams per kilogram (mg/kg)

** Environmental Protection Agency

† Table I, Section 19.15.29.12 NMAC

‡ Reclamation Standards apply only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

4.0 SITE ASSESSMENT & PROPOSED REMEDIATION ACTIVITIES

Delineation of the release was conducted in January, February, and June 2023, by a third-party environmental contractor that is no longer affiliated with the Site. During the delineation events, a series of hand-augered soil bores and/or test trenches were advanced within and along the inferred release margins to determine the horizontal and vertical extent of impacted soil. The sample points were investigated to depths ranging from ground surface to seven ft. bgs, and representative delineation soil samples were submitted to a certified commercial laboratory ("the laboratory") for analysis of BTEX, TPH, and chloride.

On June 20, 2023, based on laboratory analytical results, site characteristics, and field observations made during the delineation events, Mewbourne submitted a *Request for Approval of Work Plan* (Work Plan) to the NMOCD proposing the following remediation activities:

- Excavate impacted soil within the inferred release margins to a total depth of one foot bgs
- Due to safety concerns and limited equipment access, limit excavation within the existing infrastructure boundary (Deferral Area) to hand-excavation to one foot bgs. Defer additional remediation in the Deferral Area, pending deconstruction of the existing infrastructure.
- Advance the floors of the excavation(s) outside of the Deferral Area until laboratory analytical results from confirmation soil samples indicate BTEX, TPH, and chloride concentrations are below the Closure Criteria. Advance the sidewalls of the excavated area to meet Reclamation Standards.
- Stockpile excavated soil on-site on 6-mil plastic sheeting, pending transport to an NMOCD-permitted surface waste facility for disposal.
- Upon completion of excavation activities, collect five-point composite confirmation soil samples from the sidewalls and floors of the excavated area representing no more than 400 square feet (sq. ft.).
- Upon receiving laboratory analytical results from confirmation soil samples, restore the affected area to the condition that existed prior to the release, to the extent practicable. Backfill the excavated area with locally sourced, non-impacted, "like" material. Compact and contour the affected areas to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable. Reseed affected areas not on production pads, pipeline rights-of-way, and/or lease roads with an agency and/or landowner-approved seed mixture during the first favorable growing season following closure of the Site.

On November 28, 2023, the Work Plan was denied for the following reasons: "The deferral request is denied. The variance request for 400 ft² confirmation sample size is denied. Please collect confirmation samples, representing no more than 200 ft². The deferral may be granted so long as the contamination is fully delineated and does not cause an imminent risk to human health, the environment, or ground water. As much of the contaminated soil inside the release area should be removed safely with alternative methods. Only sample points that could cause a major facility deconstruction will be deferred. All sample points, except the requested sample points for deferral, must have contaminated soil delineated/excavated before a deferral request is uploaded to the payment portal. The only remediation that should remain are the sample points that are being requested for deferral. Also, specify exactly which sample points you are asking for a deferral on and the reason the contaminants can't be removed."

Please reference the Work Plan, which is available in the NMOCD Permitting system, for additional details regarding the delineation events, sample point locations, laboratory analytical results, and the proposed remediation activities.

Copies of all regulatory correspondence are provided in Appendix E.

5.0 REMEDIATION ACTIVITIES SUMMARY

On January 19, 2024, Mewbourne contracted Etech to assume remediation activities for the release.

On February 14, 2024, Etech commenced remediation activities at the Site. In accordance with NMOCD requirements, impacted soil affected above the Closure Criteria and Reclamation Standards was excavated to the extent practicable and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The floor and sidewalls of the excavated area (Excavation) were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards.

Requesting a remediation plan approval with this submission?	☒ Yes	☐ No
Have the lateral and vertical extents of contamination been fully delineated?	☒ Yes	☐ No
Was this release entirely contained within a lined containment area?	☐ Yes	☒ No
On what estimated date will (or did) the remediation commence?	2/14/2024	
On what date will (or did) the final sampling or liner inspection occur?	3/7/2024	
On what date will (or was) the remediation complete(d)?	3/12/2024	
What is the total surface area (sq. ft.) in need of or that will <i>eventually</i> be reclaimed?	5,759	
What is the total volume (cy) in need of or that will <i>eventually</i> be reclaimed?	853	
What was the total surface area (sq. ft.) that has or will be remediated?	4,168	
What was the total volume (cy) that has or will be remediated?	377	
This remediation utilized the following processes to remediate/reduce contaminants:		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	☒ Yes	☐ No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	☐ Yes	☒ No
(In Situ) Soil Vapor Extraction	☐ Yes	☒ No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	☐ Yes	☒ No
(In Situ) Biological processing (i.e. Microbes/Fertilizer, etc.)	☐ Yes	☒ No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	☐ Yes	☒ No
Ground Water Abatement pursuant to 19.15.30 NMAC	☐ Yes	☒ No
Other (Non-listed remedial process)	☐ Yes	☒ No
Which OCD approved facility was or will be used for off-site disposal?	R360 Red Bluff Facility	
NMOCD Disposal Facility ID?	Texas	
Summarize any additional remediation activities not included by answers above.	See below	

Representative five-point composite confirmation soil samples were collected every 200 sq. ft. from the floor and sidewalls of the Excavation to be submitted for laboratory analysis. A summary of soil sampling events is provided below.

Constituent	Highest Observable Concentration (mg/kg)	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	2,600	DEF 3 @ Sur	2/8/2024	0	Excavated
TPH	39,200	FL 41 @ 6 In.	2/6/2024	0	Excavated
GRO+DRO	32,100	FL 41 @ 6 In.	3/14/2025	0	Excavated
BTEX	222	DEF 11 @ 1'	2/8/2024	1	In-Situ/Deferred
Benzene	1.50	DEF 9 @ 2'	2/20/2024	2	In-Situ/Deferred

Please reference Table 1 for additional information.

On February 1, 2024, Etech collected 53 confirmation soil samples (FL 1 @ 1' through FL 38 @ 1', NW 1, NW 2, NW 3, EW 1 through EW 4, SW 1 through SW 4, and WW 1 through WW 4) from the floor and sidewalls of the Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards in each of the submitted soil samples. GRO+DRO and/or TPH concentrations exceeded the applicable Closure Criteria and Reclamation Standards in soil samples FL 1 @ 1' through FL 20 @ 1', FL 24 @ 1' through FL 27 @ 3', FL 29 @ 3', FL 30 @ 1', FL 31 @ 1', FL 34 @ 1', FL 37 @ 1', NW 1, NW 2, NW 3, EW 1 through EW 4, and WW 1 through WW 4. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples FL 1 @ 1' through FL 20 @ 1', FL 24 @ 1' through FL 27 @ 3', FL 29 @ 3', FL 30 @ 1', FL 31 @ 1', FL 34 @ 1', FL 37 @ 1', NW 1, NW 2, NW 3, EW 1 through EW 4, and WW 1 through WW 4.

On February 6, 2024, Etech collected 17 confirmation soil samples (FL 39 @ 6 In. through FL 50 @ 6 In., EW 5, SW 5, SW 6, WW 5, and WW 6) from the floor and sidewalls of the Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that the BTEX concentration in soil sample FL 48 @ 6 In. exceeded the Closure Criterion and Reclamation Standard. GRO+DRO and/or TPH concentrations in soil samples FL 40 @ 6 In. through FL 50 @ 6 In. exceeded the Closure Criterion and Reclamation Standard. Chloride concentrations were below the Closure Criterion and Reclamation Standard in each of the submitted soil samples. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples FL 40 @ 6 In. through FL 50 @ 6 In.

On February 8, 2024, Etech advanced a series of 12 hand-augered soil borings (DEF 1 through DEF 12) within the Excavation and proposed Deferral Area to further characterize the vertical extent of impacted soil. During the advancement of the hand-augered soil borings, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab® chloride test kit. The soil borings were advanced in one-foot increments until field observations and field test data suggested that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards.

Based on field observations and field test data, a total of 24 deferral characterization soil samples (DEF 1 @ Sur, DEF 1 @ 4', DEF 2 @ Sur, DEF 2 @ 4', DEF 3 @ Sur, DEF 3 @ 4', DEF 4 @ Sur, DEF 4 @ 4', DEF 5 @ Sur, DEF 5 @ 4', DEF 6 @ Sur, DEF 6 @ 4', DEF 7 @ Sur, DEF 7 @ 4', DEF 8 @ Sur, DEF 8 @ 4', DEF 9 @ Sur, DEF 9 @ 4', DEF 10 @ Sur, DEF 10 @ 4', DEF 11 @ Sur, DEF 11 @ 4', DEF 12 @ Sur, and DEF 12 @ 4') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that the vertical extents of impacted soil in the Excavation and Deferral Area were adequately defined.

On February 20, 2024, Etech collected 51 confirmation soil samples (FL 1 @ 3' through FL 20 @ 3', FL 24 @ 3' through FL 27 @ 3', FL 29 @ 3', FL 30 @ 3', FL 31 @ 3', FL 34 @ 3', FL 37 @ 3', FL 40 @ 3' through FL 50 @ 3', NW 1 B, NW 2 B, NW 3 B, EW 1 B through EW 4 B, and WW 1 B through WW 4 B) from the floor and sidewalls of the Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards in each of the submitted soil samples.

On February 20, 2024, Etech also collected 36 additional deferral characterization soil samples (DEF 1 @ 1', DEF 1 @ 2', DEF 1 @ 3', DEF 2 @ 1', DEF 2 @ 2', DEF 2 @ 3', DEF 3 @ 1', DEF 3 @ 2', DEF 3 @ 3', DEF 4 @ 1', DEF 4 @ 2', DEF 4 @ 3', DEF 5 @ 1', DEF 5 @ 2', DEF 5 @ 3', DEF 6 @ 1', DEF 6 @ 2', DEF 6 @ 3', DEF 7 @ 1', DEF 7 @ 2', DEF 7 @ 3', DEF 8 @ 1', DEF 8 @ 2', DEF 8 @ 3', DEF 9 @ 1', DEF 9 @ 2', DEF 9 @ 3', DEF 10 @ 1', DEF 10 @ 2', DEF 10 @ 3', DEF 11 @ 1', DEF 11 @ 2', DEF 11 @ 3', DEF 12 @ 1', DEF 12 @ 2', and DEF 12 @ 3') to further investigate the extent of impacted soil in the proposed Deferral Area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that the vertical extent of impacted soil in the Deferral Area was adequately defined and that no additional remedial action was required in the areas characterized by sample points DEF 1, DEF 2, DEF 5, DEF 6, and DEF 7.

On March 7, 2024, Etech advanced a series of seven hand-augered soil borings (NH-1, NH-2, EH-1, EH-2, SH-1, SH-2, and WH-1) outside the margins of the Excavation and Deferral Area to ensure that horizontal delineation to the Closure Criteria and Reclamation Standards had been achieved. The soil borings were advanced in one-foot increments and field-screened for the presence of VOCs utilizing olfactory/visual senses and/or concentrations of chloride utilizing a chloride test kit.

Based on field observations and field test data, a total of 14 delineation soil samples (NH-1 @ Sur, NH-1 @ 1', NH-2 @ Sur, NH-2 @ 1', EH-1 @ Sur, EH-1 @ 1', EH-2 @ Sur, EH-2 @ 1', SH-1 @ Sur, SH-1 @ 1', SH-2 @ Sur, SH-2 @ 1', WH-1 @ Sur, and WH-1 @ 1') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards in each of the submitted soil samples and confirmed that horizontal delineation had been achieved.

The final dimensions of the Excavation ranged from approximately 58 to 134 ft. in length, 5 to 48 ft. in width, and 6 inches to 3 ft. in depth. The extent of the Deferral Area was approximately 2,445 sq. ft. During the course of remediation activities, Etech transported approximately 380 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported a commensurate volume of locally sourced, non-impacted material to the Site for use as backfill.

The extents of the Excavation and Deferral Area, as well as the locations of the hand-augered soil borings and confirmation soil samples, are depicted in Figure 4, "Sample Location Map". Soil chemistry data is summarized in Table 1. Field data logs are provided in Appendix B. A photographic log of remediation activities is provided in Appendix C. Laboratory analytical reports are provided in Appendix D.

6.0 DEFERRAL REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	☒ Yes	☐ No
Requesting a remediation closure approval with this submission?	☐ Yes	☒ No
Have the lateral and vertical extents of contamination been fully delineated?	☒ Yes	☐ No
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction?	☒ Yes	☐ No
What is the remaining surface area (sq. ft.) that will still need to be remediated if a deferral is granted?	3,134	
What is the remaining volume (cy) that will still need to be remediated if a deferral is granted?	464	
Enter the facility ID (f#) on which the deferral should be granted:	fAPP2126048855	
Enter the API (30-) on which the deferral should be granted:	30-015-46168	
Contamination does not cause an imminent risk to human health, the environment or groundwater:	TRUE	

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the Closure Criteria and Reclamation Standards was excavated to the extent practicable and transported to an NMOCD-approved disposal facility. Laboratory analytical results from submitted soil samples indicate that in-situ concentrations of BTEX, TPH, and chloride in the Excavation and in sample points DEF 1, DEF 2, DEF 5, DEF 6, and DEF 7 are below the applicable Closure Criteria and Reclamation Standards.

Remediation of impacted soil affected above the Closure Criteria remaining in-situ in the Deferral Area (characterized by sample points DEF 3, DEF 4, and DEF 8 through DEF 12) will be completed upon decommissioning and abandonment of the facility, in accordance with Sections 19.15.29.12 and 19.15.29.13 NMAC. The most heavily impacted soil in the Deferral Area was excavated to the extent practicable, and laboratory analytical results from submitted soil samples indicate that the horizontal and vertical extent of impacts has been adequately defined. Vertical migration of residual impacts will be limited by the presence of a six-inch to one-foot layer of clean backfill material emplaced above the contamination remaining in-situ, the depth to groundwater at the Site (>100 ft. bgs), and the limited annual precipitation in the area (~13 inches). Therefore, it is inferred that the contamination does not pose an imminent threat to human health, groundwater, or the environment.

7.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four ft. of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene?	☒ Yes	☐ No
Requesting a reclamation approval with this submission?	☐ Yes	☒ No
Requesting a restoration complete approval with this submission?	☐ Yes	☒ No
What was the total surface area (in sq. ft.) reclaimed?	1,781	
What was the total volume (in cubic yards) reclaimed?	135	

Upon receiving laboratory analytical results from confirmation soil samples, the Excavation was backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. Affected areas were contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable.

Final reclamation and restoration will be conducted upon decommissioning and abandonment of the facility. The reclaimed area will be revegetated with an agency and/or landowner-approved seed mix, which has been certified to be free of noxious weeds, during the first favorable growing season following closure of the facility. The seed will be installed at the prescribed rate utilizing either a seed drill or a broadcaster and harrow.

8.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary & Deferral Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Mewbourne Oil Company. Use of the information contained in this report is prohibited without the consent of Etech and/or Mewbourne Oil Company.

9.0 DISTRIBUTION

Mewbourne Oil Company

4801 Business Park Blvd.

Hobbs, NM 88240

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 2

811 S. First Street

Artesia, NM 88210

United States Department of the Interior

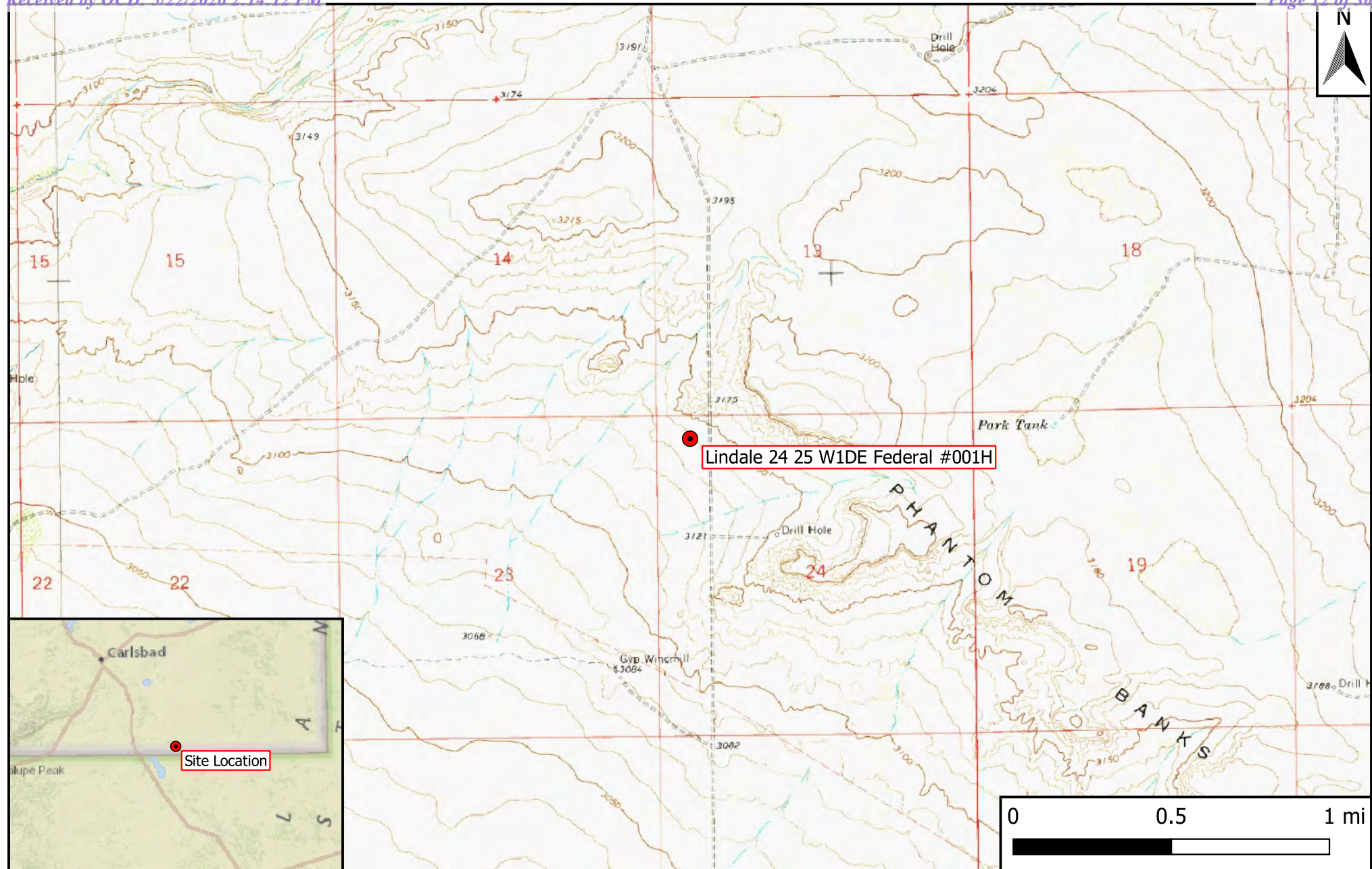
Bureau of Land Management

620 E. Greene Street

Carlsbad, NM 88220

(Electronic Submission)

Figures



Legend

- Site Location

Figure 1

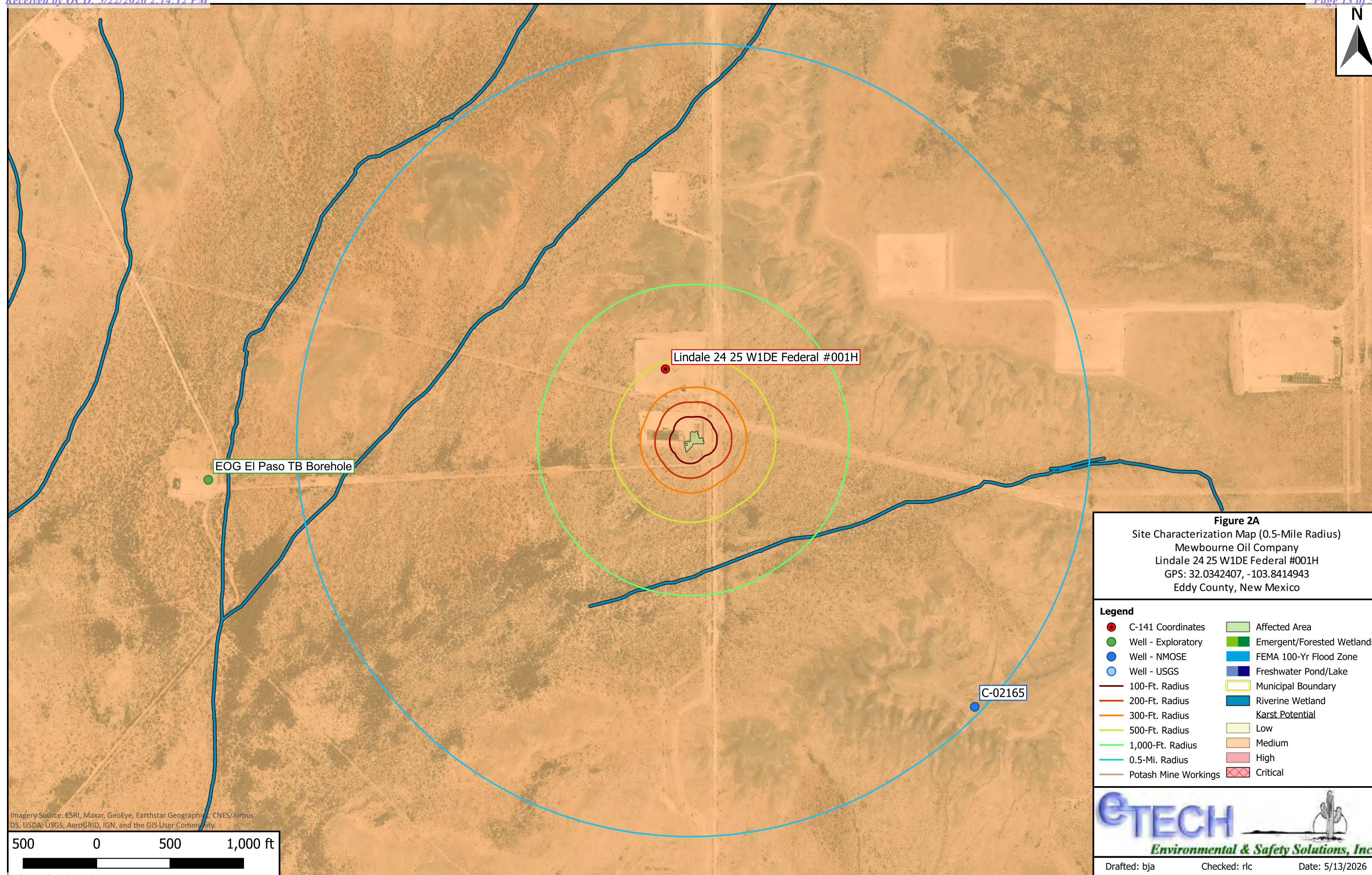
Site Location Map
 Mewbourne Oil Company
 Lindale 24 25 W1DE Federal #001H
 GPS: 32.0342407, -103.8414943
 Eddy County, New Mexico



Drafted: bja

Checked: rlc

Date: 4/5/2024



Imagery Source: ESRI, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

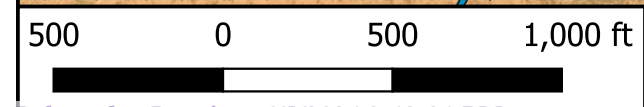


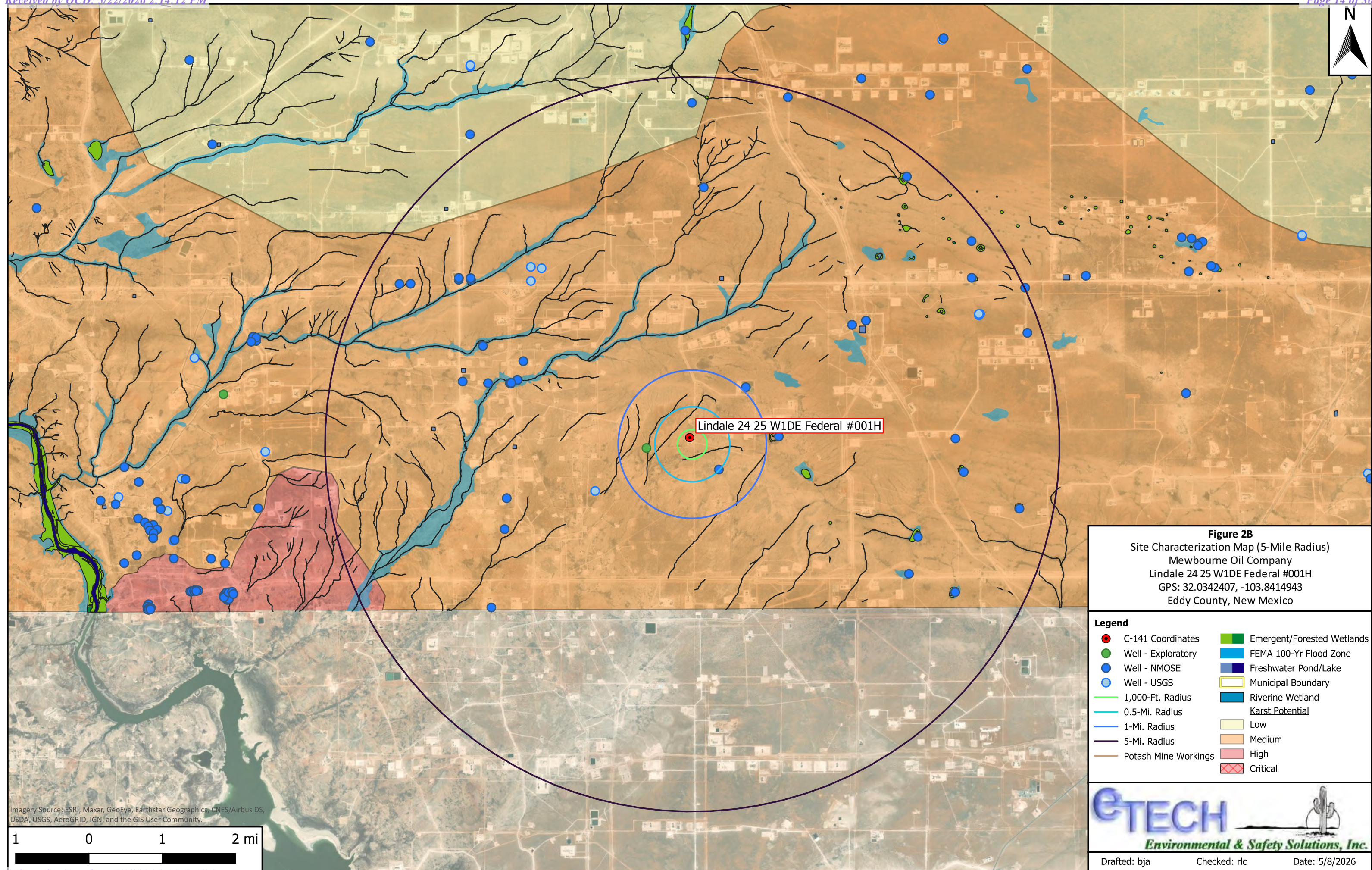
Figure 2A
Site Characterization Map (0.5-Mile Radius)
Mewbourne Oil Company
Lindale 24 25 W1DE Federal #001H
GPS: 32.0342407, -103.8414943
Eddy County, New Mexico

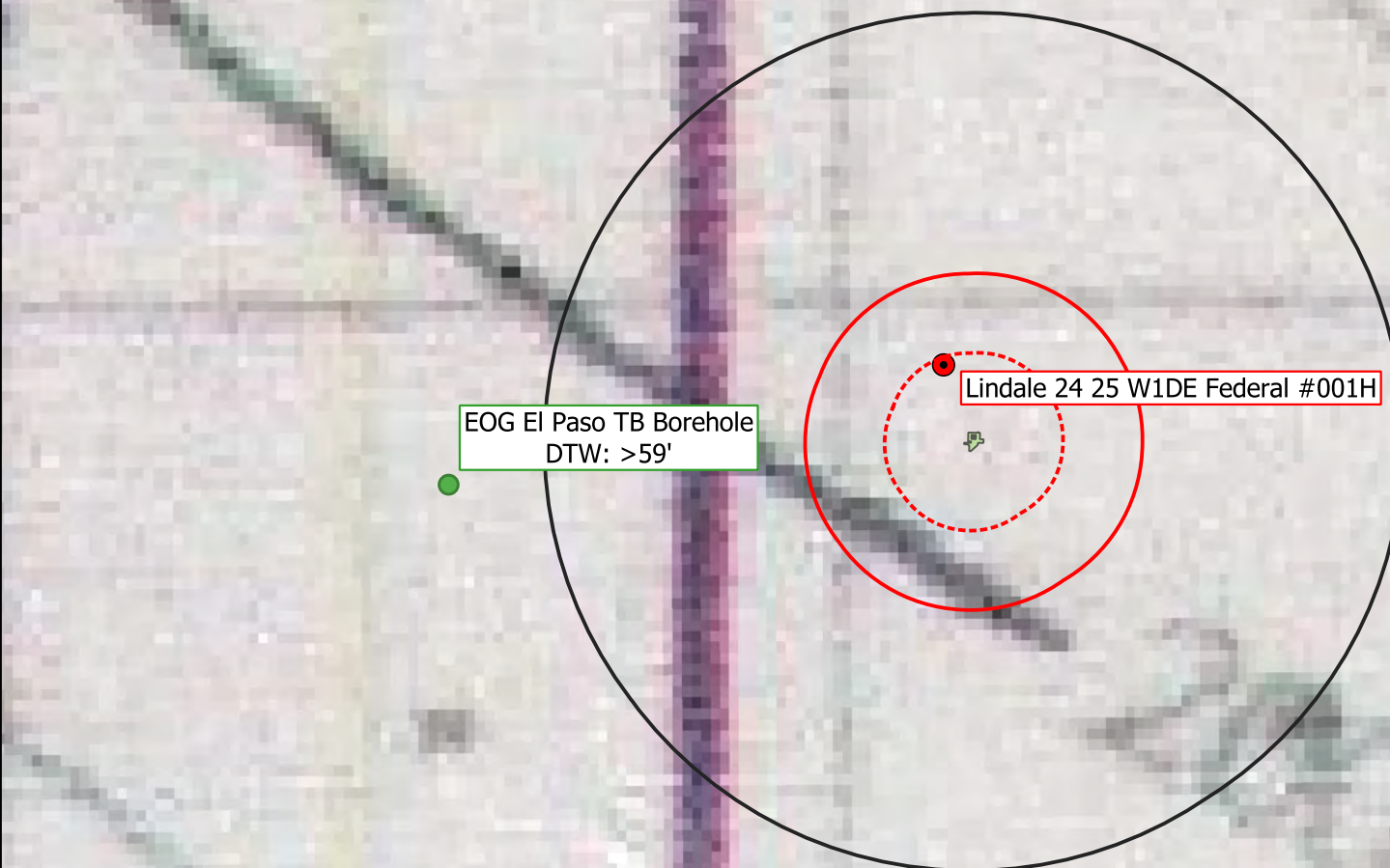
Legend

C-141 Coordinates	Affected Area
Well - Exploratory	Emergent/Forested Wetlands
Well - NMOSE	FEMA 100-Yr Flood Zone
Well - USGS	Freshwater Pond/Lake
100-Ft. Radius	Municipal Boundary
200-Ft. Radius	Riverine Wetland
300-Ft. Radius	Karst Potential
500-Ft. Radius	Low
1,000-Ft. Radius	Medium
0.5-Mi. Radius	High
Potash Mine Workings	Critical

Environmental & Safety Solutions, Inc.

Drafted: bja Checked: rlc Date: 5/13/2026

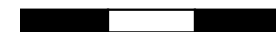




Source: NMOSE and USGS

Note: Only wells with depth to groundwater data ≤ 25 years old are depicted.

0.1 0 0.1 0.2 mi

**Legend**

● C-141 Coordinates	 Affected Area
● Well - NMOSE	 500-Ft Radius
● Well - USGS	 1,000-Ft Radius
● Well - Exporatory	 0.5-Mi Radius

Figure 3

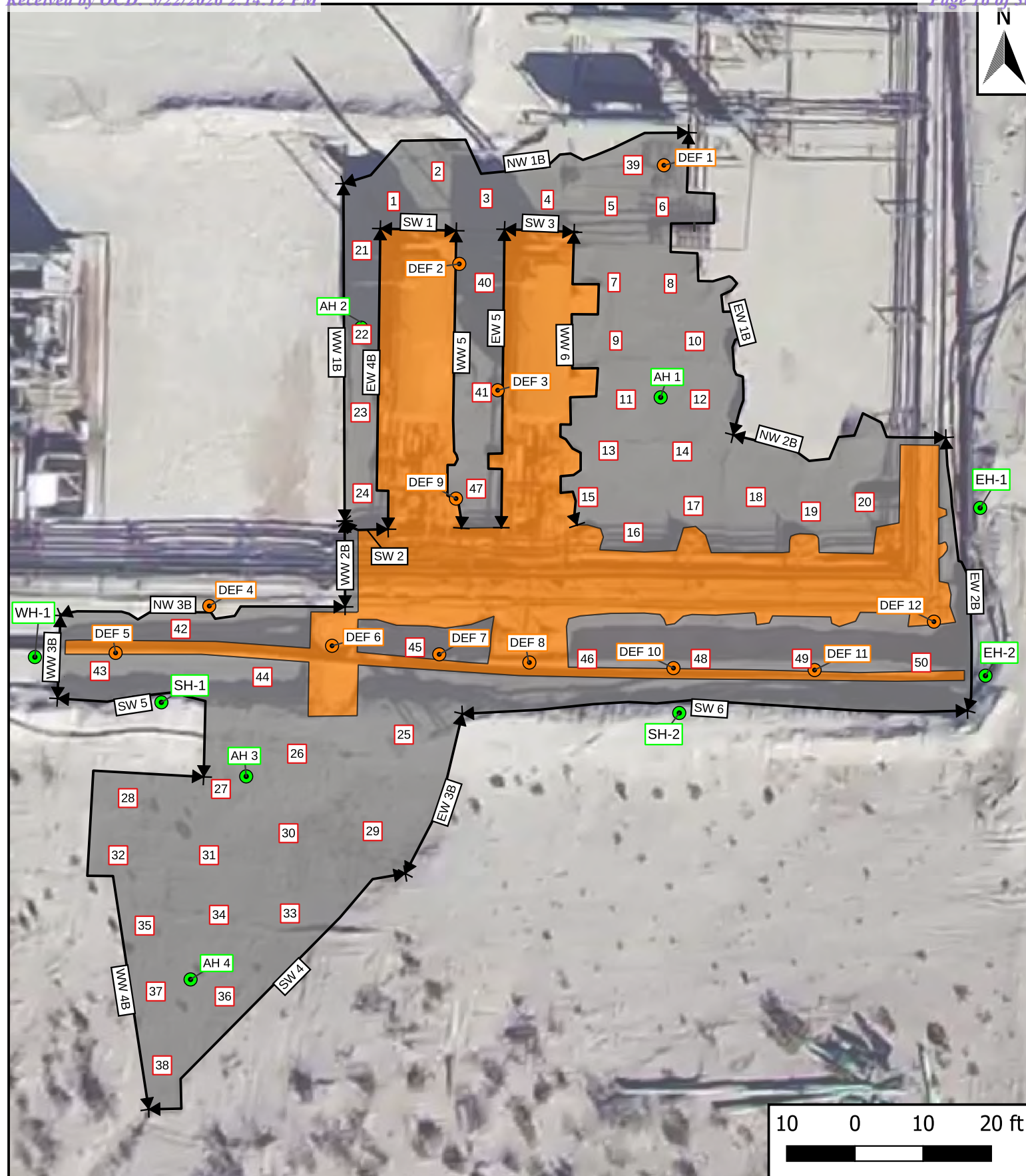
Inferred Depth to Groundwater Map
 Mewbourne Oil Company
 Lindale 24 25 W1DE Federal #001H
 GPS: 32.0342407, -103.8414943
 Eddy County, New Mexico



Drafted: bja

Checked: rlc

Revised: 5/8/2026

**Legend**

- Deferral Area (~2,445 ft²)
- Excavation Extent (~5,759 ft²)
- Composite Floor Sample
- Composite Wall Sample
- Deferral Characterization Sample
- Delineation Sample

Figure 4

Sample Location Map
 Mewbourne Oil Company
 Lindale 24 25 W1DE Federal #001H
 GPS: 32.0342407, -103.8414943
 Eddy County, New Mexico



Drafted: bja

Checked: rlc

Date: 5/12/2026

Tables

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Lindale 24 25 W1DE Federal #001H
NMOCD Ref. #: nAPP2301170136

NMOCD Closure Criteria					10	50	-	-	-	-	100	600
NMOCD Reclamation Standard					10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Type	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
					Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 1 @ 1'	2/1/2024	1	C	Excavated	<0.050	6.12	150	5,120	5,270	1,080	6,350	112
FL 1 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 2 @ 1'	2/1/2024	1	C	Excavated	<0.050	2.18	27.7	2,870	2,900	908	3,810	80.0
FL 2 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 3 @ 1'	2/1/2024	1	C	Excavated	<0.050	0.564	12.7	6,190	6,200	1,480	7,680	160
FL 3 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 4 @ 1'	2/1/2024	1	C	Excavated	<0.050	2.80	<50.0	6,560	6,560	1,620	8,180	352
FL 4 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 5 @ 1'	2/1/2024	1	C	Excavated	<0.050	3.52	123	6,890	7,010	1,390	8,400	128
FL 5 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 6 @ 1'	2/1/2024	1	C	Excavated	<0.050	2.08	63.2	4,410	4,470	983	5,460	128
FL 6 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 7 @ 1'	2/1/2024	1	C	Excavated	<0.050	<0.300	<50.0	9,380	9,380	1,480	10,900	48.0
FL 7 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 8 @ 1'	2/1/2024	1	C	Excavated	<0.050	<0.300	<10.0	387	387	92.6	480	48.0
FL 8 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 9 @ 1.5'	2/1/2024	1.5	C	Excavated	<0.050	<0.300	<50.0	13,600	13,600	3,390	17,000	224
FL 9 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 10 @ 1'	2/1/2024	1	C	Excavated	<0.050	<0.300	<10.0	266	266	69.6	336	64.0
FL 10 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 11 @ 1'	2/1/2024	1	C	Excavated	<0.050	0.702	<50.0	12,100	12,100	2,770	14,900	96.0
FL 11 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 12 @ 1'	2/1/2024	1	C	Excavated	<0.050	<0.300	<10.0	123	123	36.8	160	80.0
FL 12 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 13 @ 1'	2/1/2024	1	C	Excavated	<0.050	<0.300	<50.0	12,100	12,100	2,030	14,100	64.0
FL 13 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 14 @ 1'	2/1/2024	1	C	Excavated	<0.050	6.33	151	5,550	5,700	584	6,290	48.0
FL 14 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 15 @ 1'	2/1/2024	1	C	Excavated	<0.050	4.97	144	7,090	7,230	824	8,060	48.0
FL 15 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 16 @ 1'	2/1/2024	1	C	Excavated	<0.050	4.90	117	11,900	12,000	1,990	14,000	48.0
FL 16 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 17 @ 1'	2/1/2024	1	C	Excavated	<0.050	0.610	<50.0	13,800	13,800	2,960	16,800	48.0
FL 17 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 18 @ 1'	2/1/2024	1	C	Excavated	<0.050	<0.300	<50.0	8,750	8,750	2,090	10,800	48.0
FL 18 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 19 @ 1'	2/1/2024	1	C	Excavated	<0.050	0.955	<50.0	8,930	8,930	2,150	11,100	48.0
FL 19 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 20 @ 1'	2/1/2024	1	C	Excavated	<0.050	<0.300	<10.0	2,290	2,290	755	3,050	32.0
FL 20 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 21 @ 1'	2/1/2024	1	C	In-Situ	<0.050	<0.300	<10.0	14.6	14.6	<10.0	14.6	192
FL 22 @ 1'	2/1/2024	1	C	In-Situ	<0.050	<0.300	<10.0	65.4	65.4	11.5	76.9	176

Dash (-): Not analyzed OR not applicable.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

A - Assessment F - Backfill
D - Delineation B - Background
C - Confirmation O - Other
R - Deferral

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Lindale 24 25 W1DE Federal #001H NMOCD Ref. #: nAPP2301170136												
NMOCD Closure Criteria					10	50	-	-	-	-	100	600
NMOCD Reclamation Standard					10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Type	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
					Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 23 @ 1'	2/1/2024	1	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 24 @ 1'	2/1/2024	1	C	Excavated	<0.050	4.75	122	11,300	11,400	3,870	15,300	48.0
FL 24 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 25 @ 3'	2/1/2024	3	C	Excavated	<0.050	0.305	16.8	880	897	168	1,060	32.0
FL 25 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 26 @ 3'	2/1/2024	3	C	Excavated	<0.050	<0.300	20.0	6,780	6,800	1,620	8,420	16.0
FL 26 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 27 @ 3'	2/1/2024	3	C	Excavated	<0.050	<0.300	<10.0	654	654	139	793	144
FL 27 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 28 @ 1'	2/1/2024	1	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 29 @ 3'	2/1/2024	3	C	Excavated	<0.050	18.8	274	4,680	4,950	720	5,670	16.0
FL 29 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 30 @ 1'	2/1/2024	1	C	Excavated	<0.050	0.417	12.9	3,880	3,890	1,200	5,090	16.0
FL 30 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 31 @ 1'	2/1/2024	1	C	Excavated	<0.050	<0.300	<10.0	2,510	2,510	816	3,330	<16.0
FL 31 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 32 @ 1'	2/1/2024	1	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 33 @ 1'	2/1/2024	1	C	In-Situ	<0.050	<0.300	<10.0	66.3	66.3	16.6	82.9	<16.0
FL 34 @ 1'	2/1/2024	1	C	Excavated	<0.050	<0.300	<10.0	741	741	153	894	<16.0
FL 34 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 35 @ 1'	2/1/2024	1	C	In-Situ	<0.050	<0.300	<10.0	90.8	90.8	<10.0	90.8	32.0
FL 36 @ 1'	2/1/2024	1	C	In-Situ	<0.050	<0.300	<10.0	71.8	71.8	12.2	84.0	<16.0
FL 37 @ 1'	2/1/2024	1	C	Excavated	<0.050	<0.300	<10.0	513	513	128	641	<16.0
FL 37 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 38 @ 1'	2/1/2024	1	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 39 @ 6 In.	2/6/2024	0.5	C	In-Situ	<0.050	<0.300	<10.0	68.5	68.5	13.3	81.8	64.0
FL 40 @ 6 In.	2/6/2024	0.5	C	Excavated	<0.050	7.15	254	7,710	7,960	1,600	9,560	128
FL 40 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 41 @ 6 In.	2/6/2024	0.5	C	Excavated	0.676	40.6	1,020	31,100	32,100	7,050	39,200	192
FL 41 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 42 @ 6 In.	2/6/2024	0.5	C	Excavated	<0.050	1.60	187	7,190	7,380	1,340	8,720	80.0
FL 42 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 43 @ 6 In.	2/6/2024	0.5	C	Excavated	0.100	29.2	858	15,400	16,300	2,700	19,000	48.0
FL 43 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 44 @ 6 In.	2/6/2024	0.5	C	Excavated	<0.050	1.25	106	5,150	5,260	965	6,220	64.0
FL 44 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 45 @ 6 In.	2/6/2024	0.5	C	Excavated	<0.050	<0.300	<50.0	16,900	16,900	3,820	20,700	16.0
FL 45 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 46 @ 6 In.	2/6/2024	0.5	C	Excavated	0.347	41.2	992	19,000	20,000	4,010	24,000	112
FL 46 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 47 @ 6 In.	2/6/2024	0.5	C	Excavated	0.184	27.5	693	12,500	13,200	2,560	15,800	32.0
FL 47 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0

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Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Lindale 24 25 W1DE Federal #001H
NMOCD Ref. #: nAPP2301170136

NMOCD Closure Criteria					10	50	-	-	-	-	100	600
NMOCD Reclamation Standard					10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Type	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
					Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 48 @ 6 In.	2/6/2024	0.5	C	Excavated	0.219	68.4	2,360	21,000	23,400	2,970	26,300	16.0
FL 48 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 49 @ 6 In.	2/6/2024	0.5	C	Excavated	<0.050	19.3	743	20,200	20,900	3,930	24,900	32.0
FL 49 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 50 @ 6 In.	2/6/2024	0.5	C	Excavated	0.489	47.7	1,200	17,700	18,900	4,070	23,000	16.0
FL 50 @ 3'	2/20/2024	3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 1	2/1/2024	0-1	C	Excavated	<0.050	<0.300	<10.0	1,840	1,840	524	2,360	32.0
NW 1 B	2/20/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 2	2/1/2024	0-1	C	Excavated	<0.050	<0.300	<10.0	2,230	2,230	648	2,880	32.0
NW 2 B	2/20/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 3	2/1/2024	0-1	C	Excavated	<0.050	<0.300	<10.0	1,900	1,900	546	2,450	32.0
NW 3 B	2/20/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 1	2/1/2024	0-1	C	Excavated	<0.050	3.75	103	9,650	9,750	3,700	13,500	32.0
EW 1 B	2/20/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 2	2/1/2024	0-1	C	Excavated	<0.050	3.23	80.6	8,260	8,340	2,140	10,500	32.0
EW 2 B	2/20/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 3	2/1/2024	0-1	C	Excavated	<0.050	<0.300	<10.0	553	553	96.7	650	32.0
EW 3 B	2/20/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 4	2/1/2024	0-1	C	Excavated	<0.050	<0.300	<10.0	675	675	158	833	32.0
EW 4 B	2/20/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 5	2/6/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 1	2/1/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 2	2/1/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 3	2/1/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	23.9	23.9	<10.0	23.9	176
SW 4	2/1/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	21.9	21.9	<10.0	21.9	176
SW 5	2/6/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW 6	2/6/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	12.8	12.8	<10.0	12.8	64.0
WW 1	2/1/2024	0-1	C	Excavated	<0.050	<0.300	<10.0	1,430	1,430	316	1,750	32.0
WW 1 B	2/20/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WW 2	2/1/2024	0-1	C	Excavated	<0.050	0.537	18.5	8,050	8,070	2,330	10,400	32.0
WW 2 B	2/20/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 3	2/1/2024	0-1	C	Excavated	<0.050	0.440	25.8	7,680	7,710	2,330	10,000	80.0
WW 3 B	2/20/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WW 4	2/1/2024	0-1	C	Excavated	<0.050	3.64	112	10,400	10,500	3,700	14,200	48.0
WW 4 B	2/20/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 5	2/6/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	10.7	10.7	<10.0	10.7	144
WW 6	2/6/2024	0-3	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
AH 1 @ 4'	2/8/2024	4	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	-
AH 2 @ 4'	2/8/2024	4	D	In-Situ	<0.050	<0.300	<10.0	13.0	13.0	13.0	<30.0	-
AH 3 @ 4'	2/8/2024	4	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	-
AH 4 @ 4'	2/8/2024	4	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	-
DEF 1 @ Sur	2/8/2024	0	R	Excavated	0.140	16.5	257	15,900	16,200	4,410	20,600	80.0

Dash (-): Not analyzed OR not applicable.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

A - Assessment F - Backfill
D - Delineation B - Background
C - Confirmation O - Other
R - Deferral

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Lindale 24 25 W1DE Federal #001H NMOCD Ref. #: nAPP2301170136												
NMOCD Closure Criteria					10	50	-	-	-	-	100	600
NMOCD Reclamation Standard					10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Type	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
					Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
DEF 1 @ 1'	2/20/2024	1	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
DEF 1 @ 2'	2/20/2024	2	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
DEF 1 @ 3'	2/20/2024	3	R	In-Situ	<0.050	<0.300	<10.0	49.6	49.6	<10.0	49.6	112
DEF 1 @ 4'	2/8/2024	4	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
DEF 2 @ Sur	2/8/2024	0	R	Excavated	0.127	12.3	167	15,600	15,800	4,610	20,400	240
DEF 2 @ 1'	2/20/2024	1	R	Deferred	<0.050	0.362	<10.0	141	141	18.0	159	112
DEF 2 @ 2'	2/20/2024	2	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
DEF 2 @ 3'	2/20/2024	3	R	In-Situ	<0.050	<0.300	<10.0	33.1	33.1	<10.0	33.1	32.0
DEF 2 @ 4'	2/8/2024	4	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
DEF 3 @ Sur	2/8/2024	0	R	Excavated	<0.050	3.05	146	20,300	20,400	6,170	26,600	2,600
DEF 3 @ 1'	2/20/2024	1	R	Deferred	<1.00	140	1,540	2,940	4,480	313	4,790	16.0
DEF 3 @ 2'	2/20/2024	2	R	Deferred	1.21	130	1,140	1,590	2,730	175	2,910	32.0
DEF 3 @ 3'	2/20/2024	3	R	Deferred	<1.00	143	1,710	2,250	3,960	225	4,190	<16.0
DEF 3 @ 4'	2/8/2024	4	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
DEF 4 @ Sur	2/8/2024	0	R	Excavated	<0.050	2.94	110	17,700	17,800	5,740	23,600	32.0
DEF 4 @ 1'	2/20/2024	1	R	Deferred	<1.00	123	1,380	2,720	4,100	300	4,400	64.0
DEF 4 @ 2'	2/20/2024	2	R	Deferred	1.41	116	1,290	1,630	2,920	176	3,100	16.0
DEF 4 @ 3'	2/20/2024	3	R	Deferred	1.38	158	1,820	2,380	4,200	244	4,440	32.0
DEF 4 @ 4'	2/8/2024	4	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
DEF 5 @ Sur	2/8/2024	0	R	Excavated	<0.050	1.70	<100	22,600	22,600	7,390	30,000	32.0
DEF 5 @ 1'	2/20/2024	1	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
DEF 5 @ 2'	2/20/2024	2	R	In-Situ	<0.050	0.384	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
DEF 5 @ 3'	2/20/2024	3	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
DEF 5 @ 4'	2/8/2024	4	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
DEF 6 @ Sur	2/8/2024	0	R	Excavated	0.281	15.8	196	13,400	13,600	4,070	17,700	32.0
DEF 6 @ 1'	2/20/2024	1	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
DEF 6 @ 2'	2/20/2024	2	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
DEF 6 @ 3'	2/20/2024	3	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
DEF 6 @ 4'	2/8/2024	4	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
DEF 7 @ Sur	2/8/2024	0	R	Excavated	0.122	8.26	153	14,400	14,600	4,180	18,700	64.0
DEF 7 @ 1'	2/20/2024	1	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
DEF 7 @ 2'	2/20/2024	2	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
DEF 7 @ 3'	2/20/2024	3	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
DEF 7 @ 4'	2/8/2024	4	R	In-Situ	<0.050	<0.300	<10.0	28.8	28.8	<10.0	28.8	<16.0
DEF 8 @ Sur	2/8/2024	0	R	Excavated	0.0850	6.30	242	17,600	17,800	5,290	23,100	16.0
DEF 8 @ 1'	2/20/2024	1	R	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
DEF 8 @ 2'	2/20/2024	2	R	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
DEF 8 @ 3'	2/20/2024	3	R	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
DEF 8 @ 4'	2/8/2024	4	R	Deferred	<0.050	<0.300	<10.0	112	112	11.3	123	<16.0
DEF 9 @ Sur	2/8/2024	0	R	Excavated	0.0820	18.8	353	19,300	19,700	4,290	23,900	128
DEF 9 @ 1'	2/20/2024	1	R	Deferred	<0.500	112	1,550	3,520	5,070	406	5,480	16.0
DEF 9 @ 2'	2/20/2024	2	R	Deferred	1.50	165	2,070	3,550	5,620	427	6,050	<16.0

Dash (-): Not analyzed OR not applicable.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

A - Assessment F - Backfill
D - Delineation B - Background
C - Confirmation O - Other
R - Deferral

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Lindale 24 25 W1DE Federal #001H NMOCD Ref. #: nAPP2301170136												
NMOCD Closure Criteria					10	50	-	-	-	-	100	600
NMOCD Reclamation Standard					10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Type	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
					Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
DEF 9 @ 3'	2/20/2024	3	R	Deferred	1.42	172	1,950	2,330	4,280	237	4,520	16.0
DEF 9 @ 4'	2/8/2024	4	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
DEF 10 @ Sur	2/8/2024	0	R	Excavated	<0.050	10.1	328	21,000	21,300	5,490	26,800	32.0
DEF 10 @ 1'	2/20/2024	1	R	Deferred	0.756	118	1,250	3,180	4,430	415	4,850	<16.0
DEF 10 @ 2'	2/20/2024	2	R	Deferred	<1.00	141	1,880	3,270	5,150	354	5,500	<16.0
DEF 10 @ 3'	2/20/2024	3	R	Deferred	1.41	181	1,860	2,290	4,150	246	4,400	16.0
DEF 10 @ 4'	2/8/2024	4	R	Deferred	<0.050	<0.300	<10.0	155	155	20.2	175	<16.0
DEF 11 @ Sur	2/8/2024	0	R	Excavated	<0.050	18.0	248	16,800	17,000	4,210	21,300	64.0
DEF 11 @ 1'	2/20/2024	1	R	Deferred	<1.00	222	3,400	6,490	9,890	819	10,700	32.0
DEF 11 @ 2'	2/20/2024	2	R	Deferred	<0.500	129	2,300	4,750	7,050	609	7,660	16.0
DEF 11 @ 3'	2/20/2024	3	R	Deferred	0.738	173	3,240	5,090	8,330	650	8,980	<16.0
DEF 11 @ 4'	2/8/2024	4	R	Deferred	<0.050	<0.300	<10.0	153	153	20.5	174	<16.0
DEF 12 @ Sur	2/8/2024	0	R	Excavated	<0.050	6.96	162	24,400	24,600	7,210	31,800	80.0
DEF 12 @ 1'	2/20/2024	1	R	Deferred	<0.100	23.5	3,580	9,870	13,500	1,560	15,000	<16.0
DEF 12 @ 2'	2/20/2024	2	R	Deferred	<1.00	193	2,660	5,060	7,720	697	8,420	<16.0
DEF 12 @ 3'	2/20/2024	3	R	Deferred	<1.00	124	2,360	4,450	6,810	518	7,330	32.0
DEF 12 @ 4'	2/8/2024	4	R	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NH-1 @ Sur	3/7/2024	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NH-1 @ 1'	3/7/2024	1	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NH-2 @ Sur	3/7/2024	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NH-2 @ 1'	3/7/2024	1	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH-1 @ Sur	3/7/2024	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH-1 @ 1'	3/7/2024	1	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH-2 @ Sur	3/7/2024	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH-2 @ 1'	3/7/2024	1	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SH-1 @ Sur	3/7/2024	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH-1 @ 1'	3/7/2024	1	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH-2 @ Sur	3/7/2024	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH-2 @ 1'	3/7/2024	1	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH-1 @ Sur	3/7/2024	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH-1 @ 1'	3/7/2024	1	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0

Dash (-): Not analyzed OR not applicable.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

A - Assessment F - Backfill
D - Delineation B - Background
C - Confirmation O - Other
R - Deferral

Appendices

Appendix A

Depth to Groundwater Information



Borehole ID: Groundwater Determination Bore

Soil Drilling Log

Project Name : EOG El Paso TB
Project No. : 212C-MD-02003
Location : Eddy County, New Mexico
Coordinates : 32.032207, -103.851552
Elevation : NA

Date : Wednesday, November 18, 2020
Sampler : Devin Dominguez; Zeke MorenoFlores
Driller : HCI
Method : Air Rotary

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)	Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
0		Tan silty sand, NO, NS			50				
5					55		Light brown silt w/ clay fragments		
10					60				
15		Brown silty sand w/ clay fragments			65				
20					70				
25					75				
30		Light brown silt			80				
35					85				
40					90				
45		Light brown silt w/ clay fragments			95				
50					100				

* H.O. = Heavy Odor
* H.S. = Heavy Staining

* L.O. = Low Odor
* L.S. = Low Staining

Total Depth = 59'



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 02165				24	26S	30E	610036	3544121* 
Driller License:	421	Driller Company:			GLENN'S WATER WELL SERVICE				
Driller Name:	CORKY GLENN								
Drill Start Date:	05/02/1988	Drill Finish Date:			05/02/1988		Plug Date:		
Log File Date:	05/05/1988	PCW Rcv Date:					Source:		Shallow
Pump Type:		Pipe Discharge Size:					Estimated Yield:		75 GPM
Casing Size:	6.63	Depth Well:			440 feet		Depth Water:		180 feet
Water Bearing Stratifications:				Top	Bottom	Description			
				318	432	Other/Unknown			
Casing Perforations:				Top	Bottom				
				296	440				

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

2/26/24 11:06 AM

POINT OF DIVERSION SUMMARY

Revised June 1972

STATE ENGINEER OFFICE
WELL RECORD

468923

Section 1. GENERAL INFORMATION

88 JUL 7 P1:12

(A) Owner of well Grace Oil Owner's Well No. _____
Street or Post Office Address c/o Glenn's Water Well Service, Inc.
City and State Box 692 Tatum, New Mexico 88267 STATE ENGINEER OFFICE
SANTA FE, NEW MEXICO

Well was drilled under Permit No. C-2165 and is located in the:
1780 FEL 460 FSL
a. _____ ¼ _____ ¼ _____ ¼ of Section 24 Township 26-S. Range 30-E. N.M.P.M.
b. Tract No. _____ of Map No. _____ of the _____
c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.
d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.

(B) Drilling Contractor Glenn's Water Well Service, Inc. License No. WD 421
Address Box 692 Tatum, New Mexico 88267
Drilling Began 5/2/88 Completed 5/2/88 Type tools rotary Size of hole 97/8 in.
Elevation of land surface or _____ at well is _____ ft. Total depth of well 440 ft.
Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 180 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
318	432	114	brown clay with sand	75
			stringers	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
6 5/8 X	.156				440		296	440

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received May 5, 1988 Quad _____ FWL _____ FSL _____
File No. C-2165 Use OWD Location No. 26-30-24-434141

Section 6. LOG OF HOLE

[illegible]

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

Released to Imaging: 6/5/2026 3:19:31 PM

STATE SHAGNER
ROSNELL, AM

Appendix B

Field Data



Sample Log

Date: _____

Project: Lindale 24 25 W1DE FED 1H

Project Number: 19583 Latitude: 32.0342407 Longitude: -103.8414943

Sample ID	PID/Odor	Chloride Conc.	GPS
FS-1@1'	—	332	
FS-2@1'	—	260	
FS-3@1'	—	172	
FS-4@1'	—	172	
FS-5@1'	—	172	
FS-6@1'	—	260	
FS-7@1'	—	260	
FS-8@1'	—	196	
FS-9@1'	—	196	
FS-10@1'	—	172	
FS-11@1'	—	120	
FS-12@1'	—	N/D	
FS-13@1'	—	260	
FS-14@1'	—	332	
FS-15@1'	—	N/D	
W-1	—	260	
W-2	—	332	
W-3	—	772	
W-4	—	196	
W-5	—	368	
FL-1@1'	—	392	
FL-2@1'	—	272	
FL-3@1'	—	568	
FL-4@1'	—	532	
FL-6@1'	—	368	
FL-7@1'	2.0	—	
FL-8@1'	2.2	240	
FL-9@1'	1.4	120	
FL-10@1'	1.4	120	
FL-11@1'	2.2	240	
FL-12@1'	3.0	392	
FL-13@1'	2.4	272	
FL-14@1'	3.6	532	
FL-15@1'	1.4	120	
FL-16@1'	1.4	120	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples = SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: Lindale 24 25 W1DE FED 1H

Project Number: 19583 Latitude: 32.0342407 Longitude: -103.8414943

Sample ID	PID/Odor	Chloride Conc.	GPS
FL17 @ 1'	2.2	240	
FL18 @ 1'	3.4	484	
FL19 @ 1'	1.4	120	
FL20 @ 1'	2.0	208	
FL21 @ 1'	3.0	368	
FL22 @ 1'	2.8	352	
FL23 @ 4'	3.6	512	
FL24 @ 1'	2.4	272	
FL25 @ 3'	2.4	256	
FL26 @ 3'	2.0	208	
FL27 @ 3'	1.6	140	
FL28 @ 1'	1.8	168	
FL29 @ 3'	3.2	408	
FL30 @ 1'	1.4	116	
FL31 @ 1'	1.8	168	
FL32 @ 1'	1.4	120	
FL33 @ 1'	1.4	120	
FL34 @ 1'	2.0	208	
FL35 @ 1'	3.2	408	
FL36 @ 1'	2.0	208	
FL37 @ 1'	2.0	208	
FL38 @ 1'	1.6	140	
WW1	2.0	208	
WW2	2.2	224	
WW3	1.8	168	
WW4	1.6	140	
EW1	2.0	208	
EW2	2.0	208	
EW3	2.4	272	
EW4	2.2	240	
NW1	3.0	368	
NW2	3.2	408	
NW3	1.4	116	
SW1	2.4	256	
SW2	2.0	208	
SW3	1.6	140	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples = SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: Lindale 24 25 W1DE FED 1H

Project Number: 19583 Latitude: 32.0342407 Longitude: -103.8414943

Sample ID	PID/Odor	Chloride Conc.	GPS
SW4	1.4	120	
FL39 @ 6 in	2.0	208	
FL40 @ 6 in	2.0	208	
FL41 @ 6 in	1.4	120	
FL42 @ 6 in	2.0	208	
FL43 @ 6 in	1.4	120	
FL44 @ 6 in	2.0	208	
FL45 @ 6 in	1.4	120	
FL46 @ 6 in	3.6	532	
FL47 @ 6 in	1.6	140	
FL48 @ 6 in	1.4	120	
FL49 @ 6 in	2.0	208	
FL50 @ 6 in	2.0	208	
SW5	1.4	120	
SW6	2.0	208	
WW5	1.8	168	
WW6	1.6	140	
FW5	1.4	120	
Def 1 @ 5' svr	2.2	228	
Def 1 @ 4'	1.8	168	
Def 2 @ 5' svr	2.0	208	
Def 2 @ 4'	1.4	120	
Def 3 @ 5' svr	1.6	140	
Def 3 @ 4'	1.4	120	
Def 4 @ 5' svr	2.0	208	
Def 4 @ 4'	1.6	140	
Def 5 @ 5' svr	1.4	120	
Def 5 @ 4'	1.4	120	
Def 6 @ 5' svr	2.2	228	
Def 6 @ 4'	1.8	168	
Def 7 @ 5' svr	1.4	120	
Def 7 @ 4'	1.4	120	
Def 8 @ 5' svr	3.0	368	
Def 8 @ 4'	2.0	208	
Def 9 @ 5' svr	1.6	140	
Def 9 @ 4'	1.4	120	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

Resamples = SP #1 @ 5b or SW #1b

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: _____

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
Def 10 @ 5'v	1.6	110	
Def 10 @ 4'	1.4	120	
Def 11 @ 5'v	2.0	208	
Def 11 @ 4'	1.8	168	
Def 12 @ 5'v	2.4	260	
Def 12 @ 4'	1.8	168	
AH 1 @ 4'	1.8	168	
AH 2 @ 4'	1.6	140	
AH 3 @ 4'	1.4	120	
AH 3 @ 4'	2.0	208	
Def 1 @ 1'	2.0		
Def 1 @ 2'	2.0		
Def 1 @ 3'	1.4		
Def 2 @ 1'	3.0		
Def 2 @ 2'	2.0		
Def 2 @ 3'	1.4		
Def 3 @ 1'	1.4		
Def 3 @ 2'	1.4		
Def 3 @ 3'	1.4		
Def 4 @ 1'	1.4		
Def 4 @ 2'	1.4		
Def 4 @ 3'	1.4		
Def 5 @ 1'	1.4		
Def 5 @ 2'	2.0		
Def 5 @ 3'	3.0		
Def 5 @ 1'	1.4		
Def 6 @ 2'	2.0		
Def 6 @ 3'	3.2		
Def 7 @ 1'	1.4		
Def 7 @ 2'	3.2		
Def 7 @ 3'	2.0		
Def 8 @ 1'	1.6		
Def 8 @ 2'	3.4		
Def 8 @ 3'	2.4		

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples = SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Date: _____

Project: _____
Project Number: _____ Latitude: _____ Longitude: _____

GPS Sample Points, Center of Comp Areas

Appendix C

Photographic Log

Photographic Log

Photo Number: 1	
Photo Direction: Southwest	
Photo Description: View of the affected area.	

Photo Number: 2	
Photo Direction: West	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 3	
Photo Direction: South	
Photo Description: View of the affected area.	

Photo Number: 4	
Photo Direction: South	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 5	
Photo Direction: South	
Photo Description: View of the affected area.	

Photo Number: 6	
Photo Direction: Southeast	
Photo Description: View of the affected area.	

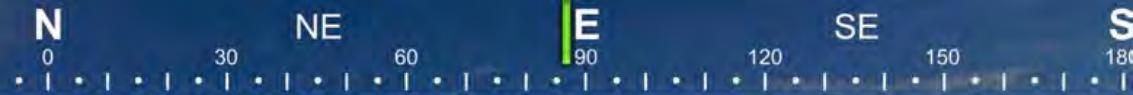
Photographic Log

Photo Number: 7	
Photo Direction: West	
Photo Description: View of the affected area.	

Photo Number: 8	
Photo Direction: West	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 9	 1°N (T) 32°1'58"N, 103°50'27"W ±13ft ▲ 3135ft
Photo Direction: North	
Photo Description: View of the affected area.	 29 Dec 2022 10:08:46

Photo Number: 10	 87°E (T) 32°1'58"N, 103°50'28"W ±13ft ▲ 3136ft
Photo Direction: East	
Photo Description: View of the affected area.	 29 Dec 2022 10:09:33

Photographic Log

Photo Number: 11	
Photo Direction: East-Northeast	
Photo Description: View of the affected area.	

Photo Number: 12	
Photo Direction: North-Northeast	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 13	NE E SE S 30 60 90 120 150 180 ☀ 96°E (T) 📍 32°1'59"N, 103°50'27"W ±13ft ▲ 3139ft  29 Dec 2022, 10:04:20
Photo Direction: East	
Photo Description: View of the affected area.	

Photo Number: 14	
Photo Direction: Overhead/Bird's Eye	
Photo Description: Aerial view of the excavated area.	
Date: 3/6/2024	
Coordinates: 32.033102,-103.840894	

Photographic Log

Photo Number: 15	
Photo Direction: Northeast	
Photo Description: Aerial view of the excavated area.	
Date: 3/6/2024	
Coordinates: 32.032796,-103.841204	

Photo Number: 16	
Photo Direction: Northwest	
Photo Description: Aerial view of the excavated area.	
Date: 3/6/2024	
Coordinates: 32.032830,-103.840504	

Photographic Log

Photo Number: 17	
Photo Direction: East	
Photo Description: View of the remediated area following backfill and regrading.	
Coordinates: 32.033041,-103.840950	

Photo Number: 18	
Photo Direction: South-Southeast	
Photo Description: View of the remediated area following backfill and regrading.	
Coordinates: 32.033041,-103.840950	

Photographic Log

Photo Number: 19	
Photo Direction: South	
Photo Description: View of the remediated area following backfill and regrading.	
Coordinates: 32.033038,-103.840887	

Photo Number: 20	
Photo Direction: South	
Photo Description: View of the remediated area following backfill and regrading.	
Coordinates: 32.033045,-103.840825	

Photographic Log

Photo Number: 21	Mar 12, 2024 at 1:44:37 PM Malaga NM 88263 United States  A photograph of an industrial remediation site. In the foreground, there is a large area of light-colored gravel or crushed rock. In the background, several large, dark-colored cylindrical storage tanks are visible, along with various pipes, valves, and structural elements of an industrial facility. The sky is clear and blue. The photo is taken from a low angle, looking towards the tanks.
Photo Direction: West	
Photo Description: View of the remediated area following backfill and regrading.	
Coordinates: 32.032926,-103.840729	

Appendix D

Laboratory Analytical Reports



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

February 07, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: LINDALE 24 25 W1DE FED 1H

Enclosed are the results of analyses for samples received by the laboratory on 02/02/24 14:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 1 @ 1' (H240516-01)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	1.98	98.9	2.00	2.89	
Toluene*	0.553	0.050	02/05/2024	ND	2.01	101	2.00	0.465	
Ethylbenzene*	0.387	0.050	02/05/2024	ND	2.12	106	2.00	1.32	
Total Xylenes*	5.18	0.150	02/05/2024	ND	6.26	104	6.00	1.71	QM-07
Total BTEx	6.12	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 168 % 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	02/05/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	150	10.0	02/05/2024	ND	224	112	200	1.24	
DRO >C10-C28*	5120	10.0	02/05/2024	ND	215	107	200	3.30	
EXT DRO >C28-C36	1080	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 185 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 2 @ 1' (H240516-02)

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	02/05/2024	ND	1.98	98.9	2.00	2.89	
Toluene*	0.293	0.050	02/05/2024	ND	2.01	101	2.00	0.465	
Ethylbenzene*	0.139	0.050	02/05/2024	ND	2.12	106	2.00	1.32	
Total Xylenes*	1.74	0.150	02/05/2024	ND	6.26	104	6.00	1.71	
Total BTEX	2.18	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	02/05/2024	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*	27.7	10.0	02/05/2024	ND	224	112	200	1.24	
DRO >C10-C28*	2870	10.0	02/05/2024	ND	215	107	200	3.30	
EXT DRO >C28-C36	908	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 3 @ 1' (H240516-03)

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	02/05/2024	ND	1.98	98.9	2.00	2.89	
Toluene*	0.081	0.050	02/05/2024	ND	2.01	101	2.00	0.465	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.12	106	2.00	1.32	
Total Xylenes*	0.483	0.150	02/05/2024	ND	6.26	104	6.00	1.71	
Total BTEX	0.564	0.300	02/05/2024	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	02/05/2024	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*	12.7	10.0	02/06/2024	ND	204	102	200	2.41		
DRO >C10-C28*	6190	10.0	02/06/2024	ND	219	109	200	0.740	QM-07, QR-03	
EXT DRO >C28-C36	1480	10.0	02/06/2024	ND						

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 192 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 4 @ 1' (H240516-04)

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	02/06/2024	ND	1.98	98.9	2.00	2.89	
Toluene*	0.399	0.050	02/06/2024	ND	2.01	101	2.00	0.465	
Ethylbenzene*	0.175	0.050	02/06/2024	ND	2.12	106	2.00	1.32	
Total Xylenes*	2.23	0.150	02/06/2024	ND	6.26	104	6.00	1.71	
Total BTEX	2.80	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 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	352	16.0	02/05/2024	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: MS					
				S-06					

Surrogate: 1-Chlorooctane 139 % 48.2-134

Surrogate: 1-Chlorooctadecane 247 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 5 @ 1' (H240516-05)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	1.98	98.9	2.00	2.89	
Toluene*	0.291	0.050	02/06/2024	ND	2.01	101	2.00	0.465	
Ethylbenzene*	0.217	0.050	02/06/2024	ND	2.12	106	2.00	1.32	
Total Xylenes*	3.01	0.150	02/06/2024	ND	6.26	104	6.00	1.71	
Total BTEX	3.52	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 151 % 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	02/05/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	123	50.0	02/06/2024	ND	204	102	200	2.41	
DRO >C10-C28*	6890	50.0	02/06/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	1390	50.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 156 % 48.2-134

Surrogate: 1-Chlorooctadecane 224 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 6 @ 1' (H240516-06)

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	02/06/2024	ND	1.98	98.9	2.00	2.89	
Toluene*	0.180	0.050	02/06/2024	ND	2.01	101	2.00	0.465	
Ethylbenzene*	0.123	0.050	02/06/2024	ND	2.12	106	2.00	1.32	
Total Xylenes*	1.78	0.150	02/06/2024	ND	6.26	104	6.00	1.71	
Total BTEX	2.08	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 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	02/05/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	63.2	10.0	02/06/2024	ND	204	102	200	2.41		
DRO >C10-C28*	4410	10.0	02/06/2024	ND	219	109	200	0.740		
EXT DRO >C28-C36	983	10.0	02/06/2024	ND						

Surrogate: 1-Chlorooctane 144 % 48.2-134

Surrogate: 1-Chlorooctadecane 167 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 7 @ 1' (H240516-07)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	1.98	98.9	2.00	2.89	
Toluene*	<0.050	0.050	02/06/2024	ND	2.01	101	2.00	0.465	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.12	106	2.00	1.32	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.26	104	6.00	1.71	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 140 % 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	02/05/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/06/2024	ND	204	102	200	2.41	
DRO >C10-C28*	9380	50.0	02/06/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	1480	50.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 267 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
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Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 8 @ 1' (H240516-08)

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	02/06/2024	ND	1.98	98.9	2.00	2.89		
Toluene*	<0.050	0.050	02/06/2024	ND	2.01	101	2.00	0.465		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.12	106	2.00	1.32		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.26	104	6.00	1.71		
Total BTEX	<0.300	0.300	02/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/05/2024	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	02/06/2024	ND	204	102	200	2.41	
DRO >C10-C28*	387	10.0	02/06/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	92.6	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
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Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 9 @ 1.5' (H240516-09)

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	02/06/2024	ND	1.98	98.9	2.00	2.89		
Toluene*	<0.050	0.050	02/06/2024	ND	2.01	101	2.00	0.465		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.12	106	2.00	1.32		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.26	104	6.00	1.71		
Total BTEX	<0.300	0.300	02/06/2024	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	224	16.0	02/05/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/06/2024	ND	204	102	200	2.41	
DRO >C10-C28*	13600	50.0	02/06/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	3390	50.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 139 % 48.2-134

Surrogate: 1-Chlorooctadecane 439 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
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Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 10 @ 1' (H240516-10)

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	02/06/2024	ND	1.98	98.9	2.00	2.89		
Toluene*	<0.050	0.050	02/06/2024	ND	2.01	101	2.00	0.465		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.12	106	2.00	1.32		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.26	104	6.00	1.71		
Total BTEX	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	02/05/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	204	102	200	2.41	
DRO >C10-C28*	266	10.0	02/06/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	69.6	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 138 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
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Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 11 @ 1' (H240516-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	1.98	98.9	2.00	2.89	
Toluene*	<0.050	0.050	02/06/2024	ND	2.01	101	2.00	0.465	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.12	106	2.00	1.32	
Total Xylenes*	0.702	0.150	02/06/2024	ND	6.26	104	6.00	1.71	
Total BTEX	0.702	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	02/06/2024	ND	204	102	200	2.41		
DRO >C10-C28*	12100	50.0	02/06/2024	ND	219	109	200	0.740		
EXT DRO >C28-C36	2770	50.0	02/06/2024	ND						

Surrogate: 1-Chlorooctane 160 % 48.2-134

Surrogate: 1-Chlorooctadecane 370 % 49.1-148

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Analytical Results For:

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 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 12 @ 1' (H240516-12)

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	02/06/2024	ND	1.98	98.9	2.00	2.89		
Toluene*	<0.050	0.050	02/06/2024	ND	2.01	101	2.00	0.465		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.12	106	2.00	1.32		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.26	104	6.00	1.71		
Total BTEX	<0.300	0.300	02/06/2024	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	02/05/2024	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	02/07/2024	ND	204	102	200	2.41	
DRO >C10-C28*	123	10.0	02/07/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	36.8	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 13 @ 1' (H240516-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.98	98.9	2.00	2.89		
Toluene*	<0.050	0.050	02/06/2024	ND	2.01	101	2.00	0.465		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.12	106	2.00	1.32		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.26	104	6.00	1.71		
Total BTEX	<0.300	0.300	02/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/05/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/06/2024	ND	204	102	200	2.41	
DRO >C10-C28*	12100	50.0	02/06/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	2030	50.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 137 % 48.2-134

Surrogate: 1-Chlorooctadecane 336 % 49.1-148

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Analytical Results For:

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Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 14 @ 1' (H240516-14)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	1.98	98.9	2.00	2.89	
Toluene*	0.611	0.050	02/06/2024	ND	2.01	101	2.00	0.465	
Ethylbenzene*	0.336	0.050	02/06/2024	ND	2.12	106	2.00	1.32	
Total Xylenes*	5.38	0.150	02/06/2024	ND	6.26	104	6.00	1.71	
Total BTEX	6.33	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 176 % 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	02/05/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	151	50.0	02/06/2024	ND	204	102	200	2.41	
DRO >C10-C28*	5550	50.0	02/06/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	584	50.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 143 % 48.2-134

Surrogate: 1-Chlorooctadecane 155 % 49.1-148

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Analytical Results For:

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 LANCE CRENSHAW
 2617 W MARLAND
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 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 15 @ 1' (H240516-15)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	1.98	98.9	2.00	2.89	
Toluene*	0.489	0.050	02/06/2024	ND	2.01	101	2.00	0.465	
Ethylbenzene*	0.264	0.050	02/06/2024	ND	2.12	106	2.00	1.32	
Total Xylenes*	4.22	0.150	02/06/2024	ND	6.26	104	6.00	1.71	
Total BTEX	4.97	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 170 % 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	02/05/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	144	50.0	02/06/2024	ND	204	102	200	2.41	
DRO >C10-C28*	7090	50.0	02/06/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	824	50.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 138 % 48.2-134

Surrogate: 1-Chlorooctadecane 172 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 16 @ 1' (H240516-16)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	1.98	98.9	2.00	2.89	
Toluene*	0.632	0.050	02/06/2024	ND	2.01	101	2.00	0.465	
Ethylbenzene*	0.281	0.050	02/06/2024	ND	2.12	106	2.00	1.32	
Total Xylenes*	3.99	0.150	02/06/2024	ND	6.26	104	6.00	1.71	
Total BTEX	4.90	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 144 % 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	02/05/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	117	50.0	02/06/2024	ND	204	102	200	2.41	
DRO >C10-C28*	11900	50.0	02/06/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	1990	50.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 148 % 48.2-134

Surrogate: 1-Chlorooctadecane 294 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
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Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 17 @ 1' (H240516-17)

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	02/06/2024	ND	1.98	98.9	2.00	2.89		
Toluene*	0.082	0.050	02/06/2024	ND	2.01	101	2.00	0.465		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.12	106	2.00	1.32		
Total Xylenes*	0.528	0.150	02/06/2024	ND	6.26	104	6.00	1.71		
Total BTEX	0.610	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	02/05/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/06/2024	ND	204	102	200	2.41	
DRO >C10-C28*	13800	50.0	02/06/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	2960	50.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 405 % 49.1-148

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Analytical Results For:

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Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 18 @ 1' (H240516-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.98	98.9	2.00	2.89		
Toluene*	<0.050	0.050	02/06/2024	ND	2.01	101	2.00	0.465		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.12	106	2.00	1.32		
Total Xylenes*	0.259	0.150	02/06/2024	ND	6.26	104	6.00	1.71		
Total BTEX	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	02/05/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/06/2024	ND	204	102	200	2.41	
DRO >C10-C28*	8750	50.0	02/06/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	2090	50.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 239 % 49.1-148

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Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 19 @ 1' (H240516-19)

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	02/06/2024	ND	1.98	98.9	2.00	2.89	
Toluene*	0.138	0.050	02/06/2024	ND	2.01	101	2.00	0.465	
Ethylbenzene*	0.055	0.050	02/06/2024	ND	2.12	106	2.00	1.32	
Total Xylenes*	0.763	0.150	02/06/2024	ND	6.26	104	6.00	1.71	
Total BTEX	0.955	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/05/2024	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*	<50.0	50.0	02/06/2024	ND	204	102	200	2.41	
DRO >C10-C28*	8930	50.0	02/06/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	2150	50.0	02/06/2024	ND					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/06/2024	ND	204	102	200	2.41	
DRO >C10-C28*	8930	50.0	02/06/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	2150	50.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 142 % 48.2-134

Surrogate: 1-Chlorooctadecane 310 % 49.1-148

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Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 20 @ 1' (H240516-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.98	98.9	2.00	2.89		
Toluene*	<0.050	0.050	02/06/2024	ND	2.01	101	2.00	0.465		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.12	106	2.00	1.32		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.26	104	6.00	1.71		
Total BTEX	<0.300	0.300	02/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/05/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2024	ND	204	102	200	2.41	
DRO >C10-C28*	2290	10.0	02/07/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	755	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 221 % 49.1-148

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Analytical Results For:

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Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 21 @ 1' (H240516-21)

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	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEX	<0.300	0.300	02/06/2024	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	192	16.0	02/05/2024	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	02/07/2024	ND	204	102	200	2.41	
DRO >C10-C28*	14.6	10.0	02/07/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 22 @ 1' (H240516-22)

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	02/06/2024	ND	1.86	93.2	2.00	6.92	
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	0.248	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/05/2024	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	02/07/2024	ND	204	102	200	2.41	
DRO >C10-C28*	65.4	10.0	02/07/2024	ND	219	109	200	0.740	
EXT DRO >C28-C36	11.5	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Analytical Results For:

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Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 23 @ 1' (H240516-23)

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	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEX	<0.300	0.300	02/06/2024	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	240	16.0	02/05/2024	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	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 60.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 52.1 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 24 @ 1' (H240516-24)

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	02/06/2024	ND	1.86	93.2	2.00	6.92	
Toluene*	0.977	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85	
Ethylbenzene*	0.238	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	3.54	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81	
Total BTEX	4.75	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	02/05/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	122	50.0	02/06/2024	ND	184	91.8	200	1.18		
DRO >C10-C28*	11300	50.0	02/06/2024	ND	198	99.0	200	3.56		
EXT DRO >C28-C36	3870	50.0	02/06/2024	ND						

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 349 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 25 @ 3' (H240516-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	0.305	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEX	0.305	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 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	02/05/2024	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*	16.8	10.0	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	880	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	168	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 61.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.1 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 26 @ 3' (H240516-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEX	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	16.0	16.0	02/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	20.0	10.0	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	6780	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	1620	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 64.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 154 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 27 @ 3' (H240516-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92	
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81	
Total BTEX	<0.300	0.300	02/06/2024	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	144	16.0	02/05/2024	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	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	654	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	139	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 50.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.4 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 28 @ 1' (H240516-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEx	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	02/05/2024	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	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 59.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 29 @ 3' (H240516-29)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92	
Toluene*	1.56	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85	
Ethylbenzene*	0.868	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	16.4	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81	
Total BTEx	18.8	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 136 % 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	02/05/2024	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*	274	10.0	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	4680	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	720	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 30 @ 1' (H240516-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	0.417	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEX	0.417	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 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	16.0	16.0	02/05/2024	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*	12.9	10.0	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	3880	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	1200	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 65.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 31 @ 1' (H240516-31)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92	
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	<16.0	16.0	02/05/2024	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	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	2510	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	816	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 59.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 32 @ 1' (H240516-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEX	<0.300	0.300	02/06/2024	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	<16.0	16.0	02/05/2024	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	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 63.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 33 @ 1' (H240516-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEX	<0.300	0.300	02/06/2024	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	<16.0	16.0	02/05/2024	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	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	66.3	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	16.6	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 61.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.9 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 34 @ 1' (H240516-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEX	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	<16.0	16.0	02/05/2024	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	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	741	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	153	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 59.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 35 @ 1' (H240516-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEX	<0.300	0.300	02/06/2024	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	02/05/2024	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	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	90.8	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 59.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 36 @ 1' (H240516-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEx	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	02/05/2024	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	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	71.8	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	12.2	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 57.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.7 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 37 @ 1' (H240516-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEX	<0.300	0.300	02/06/2024	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	<16.0	16.0	02/05/2024	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	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	513	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	128	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 59.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 38 @ 1' (H240516-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEx	<0.300	0.300	02/06/2024	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	<16.0	16.0	02/05/2024	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	02/05/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 54.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.7 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: WW 1 (H240516-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	<0.050	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEX	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	02/05/2024	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	02/06/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	1430	10.0	02/06/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	316	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: WW 2 (H240516-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	1.86	93.2	2.00	6.92		
Toluene*	0.072	0.050	02/06/2024	ND	1.98	98.8	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	1.97	98.4	2.00	6.72		
Total Xylenes*	0.465	0.150	02/06/2024	ND	5.96	99.3	6.00	6.81		
Total BTEX	0.537	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	02/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	18.5	10.0	02/06/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	8050	10.0	02/06/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	2330	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 63.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 236 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: WW 3 (H240516-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.78		
Toluene*	<0.050	0.050	02/06/2024	ND	2.07	104	2.00	6.23		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.07	103	2.00	6.01		
Total Xylenes*	0.440	0.150	02/06/2024	ND	6.23	104	6.00	5.19		
Total BTEX	0.440	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	02/05/2024	ND	432	108	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						
									S-04	

TPH 8015M		mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	25.8	10.0	02/06/2024	ND	184	91.8	200	1.18		
DRO >C10-C28*	7680	10.0	02/06/2024	ND	198	99.0	200	3.56		
EXT DRO >C28-C36	2330	10.0	02/06/2024	ND						

Surrogate: 1-Chlorooctane 57.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 216 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: WW 4 (H240516-42)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.78	
Toluene*	0.547	0.050	02/06/2024	ND	2.07	104	2.00	6.23	
Ethylbenzene*	0.160	0.050	02/06/2024	ND	2.07	103	2.00	6.01	
Total Xylenes*	2.93	0.150	02/06/2024	ND	6.23	104	6.00	5.19	
Total BTEX	3.64	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 139 % 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	02/05/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	112	50.0	02/06/2024	ND	184	91.8	200	1.18	
DRO >C10-C28*	10400	50.0	02/06/2024	ND	198	99.0	200	3.56	
EXT DRO >C28-C36	3700	50.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 329 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: EW 1 (H240516-43)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.78	
Toluene*	0.523	0.050	02/06/2024	ND	2.07	104	2.00	6.23	
Ethylbenzene*	0.173	0.050	02/06/2024	ND	2.07	103	2.00	6.01	
Total Xylenes*	3.05	0.150	02/06/2024	ND	6.23	104	6.00	5.19	
Total BTEX	3.75	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 141 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	103	10.0	02/05/2024	ND	205	103	200	4.96	
DRO >C10-C28*	9650	10.0	02/05/2024	ND	193	96.7	200	7.88	QM-07, QR-03
EXT DRO >C28-C36	3700	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 360 % 49.1-148

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Analytical Results For:

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 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: EW 2 (H240516-44)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.78	
Toluene*	0.245	0.050	02/06/2024	ND	2.07	104	2.00	6.23	
Ethylbenzene*	0.191	0.050	02/06/2024	ND	2.07	103	2.00	6.01	
Total Xylenes*	2.80	0.150	02/06/2024	ND	6.23	104	6.00	5.19	
Total BTEX	3.23	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 137 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/05/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	80.6	10.0	02/05/2024	ND	205	103	200	4.96	
DRO >C10-C28*	8260	10.0	02/05/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	2140	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 307 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: EW 3 (H240516-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.78		
Toluene*	<0.050	0.050	02/06/2024	ND	2.07	104	2.00	6.23		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.07	103	2.00	6.01		
Total Xylenes*	0.295	0.150	02/06/2024	ND	6.23	104	6.00	5.19		
Total BTEX	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/05/2024	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	02/05/2024	ND	205	103	200	4.96	
DRO >C10-C28*	553	10.0	02/05/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	96.7	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 64.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: EW 4 (H240516-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.78		
Toluene*	<0.050	0.050	02/06/2024	ND	2.07	104	2.00	6.23		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.07	103	2.00	6.01		
Total Xylenes*	0.268	0.150	02/06/2024	ND	6.23	104	6.00	5.19		
Total BTEX	<0.300	0.300	02/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/05/2024	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	02/05/2024	ND	205	103	200	4.96	
DRO >C10-C28*	675	10.0	02/05/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	158	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 59.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: SW 1 (H240516-47)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.78	
Toluene*	<0.050	0.050	02/06/2024	ND	2.07	104	2.00	6.23	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.07	103	2.00	6.01	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.23	104	6.00	5.19	
Total BTEX	<0.300	0.300	02/06/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/05/2024	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	02/05/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 70.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: SW 2 (H240516-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.78		
Toluene*	<0.050	0.050	02/06/2024	ND	2.07	104	2.00	6.23		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.07	103	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.23	104	6.00	5.19		
Total BTEX	<0.300	0.300	02/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/05/2024	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	02/05/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 58.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: SW 3 (H240516-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.78		
Toluene*	<0.050	0.050	02/06/2024	ND	2.07	104	2.00	6.23		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.07	103	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.23	104	6.00	5.19		
Total BTEX	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	176	16.0	02/05/2024	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	02/06/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	23.9	10.0	02/06/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 66.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: SW 4 (H240516-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.78		
Toluene*	<0.050	0.050	02/06/2024	ND	2.07	104	2.00	6.23		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.07	103	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.23	104	6.00	5.19		
Total BTEx	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	02/05/2024	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	02/05/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	21.9	10.0	02/05/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 54.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 49.3 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: NW 1 (H240516-51)

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	02/06/2024	ND	2.06	103	2.00	5.78		
Toluene*	<0.050	0.050	02/06/2024	ND	2.07	104	2.00	6.23		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.07	103	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.23	104	6.00	5.19		
Total BTEX	<0.300	0.300	02/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/05/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	1840	10.0	02/05/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	524	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 57.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 153 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: NW 2 (H240516-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	2.03	101	2.00	8.82		
Toluene*	<0.050	0.050	02/06/2024	ND	2.02	101	2.00	9.03		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.01	101	2.00	9.21		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.88	98.1	6.00	9.30		
Total BTEX	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/05/2024	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	02/05/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	2230	10.0	02/05/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	648	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 63.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/02/2024	Sampling Date:	02/01/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: NW 3 (H240516-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2024	ND	2.03	101	2.00	8.82		
Toluene*	<0.050	0.050	02/06/2024	ND	2.02	101	2.00	9.03		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.01	101	2.00	9.21		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	5.88	98.1	6.00	9.30		
Total BTEX	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/05/2024	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	02/05/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	1900	10.0	02/05/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	546	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane 62.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

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FORM-006 R 2.0



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etch Environmental				BILL TO		ANALYSIS REQUEST																			
Project Manager: Lance Crenshaw				P.O. #:																					
Address: 2617 W Marland Blvd				Company: <i>Mewbourn</i>																					
City: Hobbs		State: NM		Zip: 88240																					
Phone #: (575) 264-9884		Fax #:		Attn: <i>Jeff Broom</i>																					
Project #: 19583		Project Owner: Mewbourne Oil Company		Address:																					
Project Name: Lindale 24 25 W1DE FED 1H				City: <i>Hobbs</i>																					
Project Location: GPS:(32.0342407, -103.8414943)				State: <i>NM</i> Zip:																					
Sampler Name: <i>Dominic Casarez</i>				Phone #:																					
				Fax #:																					
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																	
H240516 Lab I.D. Sample I.D.				(G)RAB OR (C)OMP. # CONTAINERS		GROUNDWATER WASTEWATER SOIL SLUDGE OTHER:		ACID/BASE: ICE / COOL OTHER:		DATE TIME		Chloride TPH BTEX 8021													
<i>DC 11 FL 11 @ 1'</i> <i>12 FL 12 @ 1'</i> <i>13 FL 13 @ 1'</i> <i>14 FL 14 @ 1'</i> <i>15 FL 15 @ 1'</i> <i>16 FL 16 @ 1'</i> <i>17 FL 17 @ 1'</i> <i>18 FL 18 @ 1'</i> <i>19 FL 19 @ 1'</i> <i>20 FL 20 @ 1'</i>				<i>C 1</i> 		 		 		 		 		 											
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Relinquished By: <i>[Signature]</i> Date: <i>4/11/2013</i> Time: <i>14:40</i>				Received By: <i>[Signature]</i> Date: <i>2/12/24</i> Time:				Phone Result: ☐ Yes ☐ No Add'l Phone #:																	
								Fax Result: ☐ Yes ☐ No Add'l Fax #:																	
REMARKS: Email copy of COC and results to: PM@etechnv.com																									
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Sample Condition Cool Intact ☐ Yes ☐ No ☐ Yes ☐ No				CHECKED BY: (Initials) <i>[Signature]</i>																	

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 58 of 61

Company Name: Etech Environmental				BILL TO				ANALYSIS REQUEST																					
Project Manager: Lance Crenshaw				P.O. #:																									
Address: 2617 W Marland Blvd				Company: <i>Mewbourne</i>																									
City: Hobbs State: NM Zip: 88240				Attn: <i>Jeff Broom</i>																									
Phone #: (575) 264-9884 Fax #:				Address:																									
Project #: 19583 Project Owner: Mewbourne Oil Company				City: <i>Hobbs</i>																									
Project Name: Lindale 24 25 W1DE FED 1H				State: <i>NM</i> Zip:																									
Project Location: GPS:(32.0342407, -103.8414943)				Phone #:																									
Sampler Name: <i>Daniel Caswell</i>				Fax #:																									
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																					
Lab I.D.		Sample I.D.		GROUNDWATER		WASTEWATER		SOIL		SLUDGE		OTHER		ACID/BASE		ICE / COOL		OTHER		DATE		TIME		Chloride		TPH		BTEX 8021	
<i>H240516</i>																													
<i>DC 21</i>		<i>FL 21 C1</i>		<i>C1</i>				☒								☒				<i>2-1</i>				☒		☒		☒	
<i>22</i>		<i>FL 22 C1</i>																											
<i>23</i>		<i>FL 23 C1</i>																											
<i>24</i>		<i>FL 24 C1</i>																											
<i>25</i>		<i>FL 25 C3</i>																											
<i>26</i>		<i>FL 26 C3</i>																											
<i>27</i>		<i>FL 27 C3</i>																											
<i>28</i>		<i>FL 28 C1</i>																											
<i>29</i>		<i>FL 29 C3</i>																											
<i>30</i>		<i>FL 30 C1</i>																											

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Relinquished By: <i>[Signature]</i>	Date: <i>10/11/2023</i>	Received By: <i>[Signature]</i>	Phone Result: ☐ Yes ☐ No	Add'l Phone #:
	Time: <i>14:40</i>		Fax Result: ☐ Yes ☐ No	Add'l Fax #:
Relinquished By:	Date: <i>8/12/24</i>	Received By:	REMARKS: Email copy of COC and results to: PM@etechenv.com	
	Time:			
Delivered By: (Circle One)	<i>100C</i>	Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:	<i>#1450</i>	Cool ☐ Intact ☐	<i>[Signature]</i>	
		☐ Yes ☐ No		

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476
FORM-006 R 2.0



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 59 of 61

Company Name: Etech Environmental				BILL TO				ANALYSIS REQUEST																					
Project Manager: Lance Crenshaw				P.O. #:																									
Address: 2617 W Marland Blvd				Company: <i>Mewbourn</i>																									
City: Hobbs		State: NM		Zip: 88240		Attn: <i>Jeff Brown</i>																							
Phone #: (575) 264-9884		Fax #:				Address:																							
Project #: 19583		Project Owner: Mewbourne Oil Company		City: <i>Hobbs</i>		State: <i>NM</i>		Zip:																					
Project Name: Lindale 24 25 W1DE FED 1H				Phone #:																									
Project Location: GPS:(32.0342407, -103.8414943)				Fax #:																									
Sampler Name: <i>Dominic Casarez</i>																													
FOR LAB USE ONLY																													
Lab I.D.		Sample I.D.		GRAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																	
				GROUNDWATER		WASTEWATER		SOIL		SLUDGE		OTHER		ACID/BASE		ICE / COOL		OTHER		DATE		TIME		Chloride		TPH		BTEX 8021	
H240516		DC 31 FL 31 @ 1		C		1		✓		✓		✓		✓		✓		✓		21				✓		✓		✓	
		32 FL 32 @ 1																											
		33 FL 33 @ 1																											
		34 FL 34 @ 1																											
		35 FL 35 @ 1																											
		36 FL 36 @ 1																											
		37 FL 37 @ 1																											
		38 FL 38 @ 1																											
		39 WW 1																											
		40 WW 2																											

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Relinquished By: <i>[Signature]</i>		Date: 4/4/2023		Received By: <i>[Signature]</i>		Phone Result: ☐ Yes ☐ No		Add'l Phone #:	
Time: 14:40		Time: 2/2/24		Received By: <i>[Signature]</i>		Fax Result: ☐ Yes ☐ No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS: Email copy of COC and results to: PM@etechenv.com			
Delivered By: (Circle One)		Sample Condition		CHECKED BY:					
Sampler - UPS - Bus - Other:		Cool Intact		(Initials)					
		☒ Yes ☐ No ☐ No ☐ No		☒ Yes ☐ No ☐ No ☐ No					

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FORM-006 R 2.0



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etch Environmental				BILL TO				ANALYSIS REQUEST																							
Project Manager: Lance Crenshaw				P.O. #:																											
Address: 2617 W Marland Blvd				Company: <i>Mewbourn</i>																											
City: Hobbs		State: NM		Zip: 88240		Attn: <i>Jeff Broom</i>																									
Phone #: (575) 264-9884		Fax #:		Address:																											
Project #: 19583		Project Owner: Mewbourne Oil Company		City: <i>Hobbs</i>																											
Project Name: Lindale 24 25 W1DE FED 1H				State: <i>NM</i> Zip:																											
Project Location: GPS:(32.0342407, -103.8414943)				Phone #:																											
Sampler Name: <i>Dominic Casanova</i>				Fax #:																											
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																							
Lab I.D. <i>H240516</i>				Sample I.D.		GRAB OR (COMP. # CONTAINERS)		GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		ACID/BASE: ICE / COOL OTHER:		DATE TIME		Chloride TPH BTEX 8021																	
<i>DC 41 WW3</i> <i>42 WW4</i> <i>43 EW1</i> <i>44 EW2</i> <i>45 EW3</i> <i>46 EWH</i> <i>47 SW1</i> <i>48 SW2</i> <i>49 SW3</i> <i>50 SW4</i>				<i>C 1</i>						<i>2-1</i>				☒		☒		☒													
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Relinquished By: <i>[Signature]</i> Date: <i>10/11/2023</i> Time: <i>14:40</i>				Received By: <i>[Signature]</i> Date: <i>10/24</i> Time:				Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No				Add'l Phone #: Add'l Fax #:				REMARKS: Email copy of COC and results to: PM@etechenv.com															
Relinquished By: Date: Time:				Received By:																											
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Sample Condition Cool Intact ☐ Yes ☐ No ☐ Yes ☐ No				CHECKED BY: (Initials) <i>[Signature]</i>																							

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FORM-006 R 2.0

[illegible]

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Relinquished By:  Date: <u>10/11/2023</u> Time: <u>14:40</u>		Received By:  Date: <u>10/11/2023</u> Time: <u>14:40</u>		Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No Add'l Phone #: Add'l Fax #: REMARKS: Email copy of COC and results to: PM@etechenv.com	
Relinquished By:  Date: <u>2/2/24</u> Time: 		Received By:  Date: Time: 			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 		Sample Condition Cool Intact ☒ Yes ☐ No ☐ Yes ☐ No 		CHECKED BY: (Initials) 	

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476
FORM-006 R 2.0



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

February 12, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: LINDALE 24 25 W1DE FED 1H

Enclosed are the results of analyses for samples received by the laboratory on 02/07/24 8:15.

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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 39 @ 6 IN. (H240565-01)

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	02/07/2024	ND	1.93	96.5	2.00	8.00		
Toluene*	<0.050	0.050	02/07/2024	ND	1.95	97.6	2.00	7.62		
Ethylbenzene*	<0.050	0.050	02/07/2024	ND	1.93	96.6	2.00	7.92		
Total Xylenes*	<0.150	0.150	02/07/2024	ND	5.82	97.0	6.00	7.81		
Total BTEX	<0.300	0.300	02/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	02/07/2024	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	02/07/2024	ND	199	99.6	200	2.08	
DRO >C10-C28*	68.5	10.0	02/07/2024	ND	224	112	200	10.1	
EXT DRO >C28-C36	13.3	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 40 @ 6 IN. (H240565-02)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2024	ND	1.93	96.5	2.00	8.00	
Toluene*	0.747	0.050	02/07/2024	ND	1.95	97.6	2.00	7.62	
Ethylbenzene*	0.444	0.050	02/07/2024	ND	1.93	96.6	2.00	7.92	
Total Xylenes*	5.96	0.150	02/07/2024	ND	5.82	97.0	6.00	7.81	
Total BTEX	7.15	0.300	02/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 176 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	254	10.0	02/07/2024	ND	199	99.6	200	2.08	
DRO >C10-C28*	7710	10.0	02/07/2024	ND	224	112	200	10.1	
EXT DRO >C28-C36	1600	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 149 % 48.2-134

Surrogate: 1-Chlorooctadecane 171 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 41 @ 6 IN. (H240565-03)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.676	0.200	02/08/2024	ND	1.93	96.5	2.00	8.00	
Toluene*	10.7	0.200	02/08/2024	ND	1.95	97.6	2.00	7.62	
Ethylbenzene*	2.98	0.200	02/08/2024	ND	1.93	96.6	2.00	7.92	
Total Xylenes*	26.3	0.600	02/08/2024	ND	5.82	97.0	6.00	7.81	
Total BTEX	40.6	1.20	02/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 136 % 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	192	16.0	02/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1020	50.0	02/08/2024	ND	199	99.6	200	2.08	
DRO >C10-C28*	31100	50.0	02/08/2024	ND	224	112	200	10.1	
EXT DRO >C28-C36	7050	50.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 256 % 48.2-134

Surrogate: 1-Chlorooctadecane 778 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 42 @ 6 IN. (H240565-04)

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	02/07/2024	ND	1.86	92.8	2.00	6.19		
Toluene*	<0.050	0.050	02/07/2024	ND	1.93	96.7	2.00	2.57		
Ethylbenzene*	<0.050	0.050	02/07/2024	ND	1.94	97.0	2.00	1.71		
Total Xylenes*	1.60	0.150	02/07/2024	ND	5.81	96.9	6.00	1.32	GC-NC1	
Total BTEX	1.60	0.300	02/07/2024	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/07/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	187	10.0	02/07/2024	ND	199	99.6	200	2.08	
DRO >C10-C28*	7190	10.0	02/07/2024	ND	224	112	200	10.1	
EXT DRO >C28-C36	1340	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 159 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 43 @ 6 IN. (H240565-05)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.100	0.050	02/07/2024	ND	1.86	92.8	2.00	6.19	
Toluene*	2.82	0.050	02/07/2024	ND	1.93	96.7	2.00	2.57	
Ethylbenzene*	1.27	0.050	02/07/2024	ND	1.94	97.0	2.00	1.71	
Total Xylenes*	25.0	0.150	02/07/2024	ND	5.81	96.9	6.00	1.32	
Total BTEX	29.2	0.300	02/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 197 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	858	50.0	02/08/2024	ND	199	99.6	200	2.08	
DRO >C10-C28*	15400	50.0	02/08/2024	ND	224	112	200	10.1	
EXT DRO >C28-C36	2700	50.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 308 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 44 @ 6 IN. (H240565-06)

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	02/07/2024	ND	1.86	92.8	2.00	6.19	
Toluene*	<0.050	0.050	02/07/2024	ND	1.93	96.7	2.00	2.57	
Ethylbenzene*	<0.050	0.050	02/07/2024	ND	1.94	97.0	2.00	1.71	
Total Xylenes*	1.25	0.150	02/07/2024	ND	5.81	96.9	6.00	1.32	GC-NC1
Total BTEX	1.25	0.300	02/07/2024	ND					GC-NC1

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	106	10.0	02/07/2024	ND	199	99.6	200	2.08		
DRO >C10-C28*	5150	10.0	02/07/2024	ND	224	112	200	10.1		
EXT DRO >C28-C36	965	10.0	02/07/2024	ND						

Surrogate: 1-Chlorooctane 221 % 48.2-134

Surrogate: 1-Chlorooctadecane 187 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 45 @ 6 IN. (H240565-07)

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	02/07/2024	ND	1.86	92.8	2.00	6.19		
Toluene*	<0.050	0.050	02/07/2024	ND	1.93	96.7	2.00	2.57		
Ethylbenzene*	<0.050	0.050	02/07/2024	ND	1.94	97.0	2.00	1.71		
Total Xylenes*	<0.150	0.150	02/07/2024	ND	5.81	96.9	6.00	1.32		
Total BTEX	<0.300	0.300	02/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/07/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/08/2024	ND	199	99.6	200	2.08	
DRO >C10-C28*	16900	50.0	02/08/2024	ND	224	112	200	10.1	
EXT DRO >C28-C36	3820	50.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 343 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 46 @ 6 IN. (H240565-08)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.347	0.100	02/08/2024	ND	1.86	92.8	2.00	6.19	
Toluene*	7.97	0.100	02/08/2024	ND	1.93	96.7	2.00	2.57	
Ethylbenzene*	2.96	0.100	02/08/2024	ND	1.94	97.0	2.00	1.71	
Total Xylenes*	29.9	0.300	02/08/2024	ND	5.81	96.9	6.00	1.32	
Total BTEX	41.2	0.600	02/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 180 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	992	50.0	02/08/2024	ND	199	99.6	200	2.08	
DRO >C10-C28*	19000	50.0	02/08/2024	ND	224	112	200	10.1	
EXT DRO >C28-C36	4010	50.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 205 % 48.2-134

Surrogate: 1-Chlorooctadecane 489 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 47 @ 6 IN. (H240565-09)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.184	0.100	02/08/2024	ND	1.86	92.8	2.00	6.19	
Toluene*	5.55	0.100	02/08/2024	ND	1.93	96.7	2.00	2.57	
Ethylbenzene*	1.54	0.100	02/08/2024	ND	1.94	97.0	2.00	1.71	
Total Xylenes*	20.2	0.300	02/08/2024	ND	5.81	96.9	6.00	1.32	
Total BTEX	27.5	0.600	02/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 174 % 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	02/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	693	50.0	02/08/2024	ND	199	99.6	200	2.08	
DRO >C10-C28*	12500	50.0	02/08/2024	ND	224	112	200	10.1	
EXT DRO >C28-C36	2560	50.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 141 % 48.2-134

Surrogate: 1-Chlorooctadecane 375 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
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Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 48 @ 6 IN. (H240565-10)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.219	0.200	02/08/2024	ND	1.86	92.8	2.00	6.19	
Toluene*	10.1	0.200	02/08/2024	ND	1.93	96.7	2.00	2.57	
Ethylbenzene*	4.28	0.200	02/08/2024	ND	1.94	97.0	2.00	1.71	
Total Xylenes*	53.9	0.600	02/08/2024	ND	5.81	96.9	6.00	1.32	
Total BTEX	68.4	1.20	02/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 192 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2360	100	02/08/2024	ND	193	96.3	200	0.155	QM-07, QR-03
DRO >C10-C28*	21000	100	02/08/2024	ND	204	102	200	5.12	QM-07
EXT DRO >C28-C36	2970	100	02/08/2024	ND					

Surrogate: 1-Chlorooctane 185 % 48.2-134

Surrogate: 1-Chlorooctadecane 388 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
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Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 49 @ 6 IN. (H240565-11)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.86	92.8	2.00	6.19	
Toluene*	1.55	0.050	02/08/2024	ND	1.93	96.7	2.00	2.57	
Ethylbenzene*	1.44	0.050	02/08/2024	ND	1.94	97.0	2.00	1.71	
Total Xylenes*	16.3	0.150	02/08/2024	ND	5.81	96.9	6.00	1.32	
Total BTEX	19.3	0.300	02/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 220 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	743	100	02/08/2024	ND	193	96.3	200	0.155	
DRO >C10-C28*	20200	100	02/08/2024	ND	204	102	200	5.12	
EXT DRO >C28-C36	3930	100	02/08/2024	ND					

Surrogate: 1-Chlorooctane 161 % 48.2-134

Surrogate: 1-Chlorooctadecane 509 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 50 @ 6 IN. (H240565-12)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.489	0.200	02/08/2024	ND	1.86	92.8	2.00	6.19	
Toluene*	9.40	0.200	02/08/2024	ND	1.93	96.7	2.00	2.57	
Ethylbenzene*	2.34	0.200	02/08/2024	ND	1.94	97.0	2.00	1.71	
Total Xylenes*	35.4	0.600	02/08/2024	ND	5.81	96.9	6.00	1.32	
Total BTEX	47.7	1.20	02/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 137 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1200	100	02/08/2024	ND	193	96.3	200	0.155	
DRO >C10-C28*	17700	100	02/08/2024	ND	204	102	200	5.12	
EXT DRO >C28-C36	4070	100	02/08/2024	ND					

Surrogate: 1-Chlorooctane 272 % 48.2-134

Surrogate: 1-Chlorooctadecane 570 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
 Fax To:

Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: SW 5 (H240565-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2024	ND	1.86	92.8	2.00	6.19		
Toluene*	<0.050	0.050	02/08/2024	ND	1.93	96.7	2.00	2.57		
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.94	97.0	2.00	1.71		
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.81	96.9	6.00	1.32		
Total BTEX	<0.300	0.300	02/08/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/07/2024	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	02/07/2024	ND	193	96.3	200	0.155	
DRO >C10-C28*	<10.0	10.0	02/07/2024	ND	204	102	200	5.12	
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.8 % 49.1-148

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Analytical Results For:

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Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: SW 6 (H240565-14)

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	02/07/2024	ND	1.86	92.8	2.00	6.19		
Toluene*	<0.050	0.050	02/07/2024	ND	1.93	96.7	2.00	2.57		
Ethylbenzene*	<0.050	0.050	02/07/2024	ND	1.94	97.0	2.00	1.71		
Total Xylenes*	<0.150	0.150	02/07/2024	ND	5.81	96.9	6.00	1.32		
Total BTEX	<0.300	0.300	02/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/07/2024	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	02/07/2024	ND	193	96.3	200	0.155	
DRO >C10-C28*	12.8	10.0	02/07/2024	ND	204	102	200	5.12	
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: WW 5 (H240565-15)

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	02/07/2024	ND	1.86	92.8	2.00	6.19		
Toluene*	<0.050	0.050	02/07/2024	ND	1.93	96.7	2.00	2.57		
Ethylbenzene*	<0.050	0.050	02/07/2024	ND	1.94	97.0	2.00	1.71		
Total Xylenes*	<0.150	0.150	02/07/2024	ND	5.81	96.9	6.00	1.32		
Total BTEX	<0.300	0.300	02/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/07/2024	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	02/07/2024	ND	193	96.3	200	0.155	
DRO >C10-C28*	10.7	10.0	02/07/2024	ND	204	102	200	5.12	
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: WW 6 (H240565-16)

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	02/07/2024	ND	1.86	92.8	2.00	6.19		
Toluene*	<0.050	0.050	02/07/2024	ND	1.93	96.7	2.00	2.57		
Ethylbenzene*	<0.050	0.050	02/07/2024	ND	1.94	97.0	2.00	1.71		
Total Xylenes*	<0.150	0.150	02/07/2024	ND	5.81	96.9	6.00	1.32		
Total BTEX	<0.300	0.300	02/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/07/2024	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	02/07/2024	ND	193	96.3	200	0.155	
DRO >C10-C28*	<10.0	10.0	02/07/2024	ND	204	102	200	5.12	
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.8 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/07/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: EW 5 (H240565-17)

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	02/07/2024	ND	1.86	92.8	2.00	6.19		
Toluene*	<0.050	0.050	02/07/2024	ND	1.93	96.7	2.00	2.57		
Ethylbenzene*	<0.050	0.050	02/07/2024	ND	1.94	97.0	2.00	1.71		
Total Xylenes*	<0.150	0.150	02/07/2024	ND	5.81	96.9	6.00	1.32		
Total BTEX	<0.300	0.300	02/07/2024	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	02/07/2024	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	02/07/2024	ND	193	96.3	200	0.155	
DRO >C10-C28*	<10.0	10.0	02/07/2024	ND	204	102	200	5.12	
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Lance Crenshaw Address: 2617 West Marland City: Hobbs State: NM Zip: 88240 Phone #: (575) 264-9884 Fax #: Project #: 19583 Project Owner: Menbourn Project Name: Lindale 2425 WIDE fed 1H Project Location: Rural Jal Sampler Name: Dominic Casarez				BILL TO P.O. #: Company: Menbourn Attn: Jeff Broom Address: City: Hobbs State: NM Zip: Phone #: Fax #:				ANALYSIS REQUEST															
FOR LAB USE ONLY Lab I.D.		Sample I.D.		(GRAB OR C/COMP) # CONTAINERS		MATRIX GROUNDWATER WASTEWATER SOIL SLUDGE OTHER:		PRESERV. ACID/BASE ICE / COOL OTHER:		SAMPLING DATE TIME		Chloride TPH (8015M) BTEX (8021B)											
H205505				✓		✓		✓		2-6		✓		✓									
DL 1		R3906 in		✓		✓		✓		✓		✓		✓									
2		FL 40 @ 6 in		✓		✓		✓		✓		✓		✓									
3		FL 41 @ 6 in		✓		✓		✓		✓		✓		✓									
4		FL 42 @ 6 in		✓		✓		✓		✓		✓		✓									
5		FL 43 @ 6 in		✓		✓		✓		✓		✓		✓									
6		FL 44 @ 6 in		✓		✓		✓		✓		✓		✓									
7		FL 45 @ 6 in		✓		✓		✓		✓		✓		✓									
8		FL 46 @ 6 in		✓		✓		✓		✓		✓		✓									
9		FL 47 @ 6 in		✓		✓		✓		✓		✓		✓									
10		FL 48 @ 6 in		✓		✓		✓		✓		✓		✓									

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Relinquished By: Date: 5/7/24 Time: 8:15 Relelquished By: Date: Time:	Received By: Date: Time:	Phone Result: ☐ Yes ☐ No Add'l Phone #: Fax Result: ☐ Yes ☐ No Add'l Fax #: REMARKS:

Please email copy of COC and results to pm@etechenv.com

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	-3.70e #1140	Sample Condition Cool Intact ☐ Yes ☐ No ☐ No ☐ No	CHECKED BY: (Initials)



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Lance Crenshaw Address: 2617 West Marland City: Hobbs State: NM Zip: 88240 Phone #: (575) 264-9884 Fax #: Project #: 1583 Project Owner: Melburn Project Name: Linde 2425 WIDE fed 14 Project Location: Rural Jal NM Sampler Name: Dominic Casarez				BILL TO P.O. #: Company: Melburn Attn: Jeff Brown Address: City: Hobbs State: NM Zip: Phone #: Fax #:				ANALYSIS REQUEST Chloride TPH (8015M) BTEX (8021B)																					
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																					
H240565 Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		ACID/BASE ICE / COOL OTHER:		DATE		TIME															
DC 11 12 13 14 15 16 17 18		FL 49 @ 6 in FL 50 @ 6 in SW5 SW6 WW5 WW6 EW5		C 1 ↓ ↓ ↓ ↓ ↓ ↓		✓ ↓ ↓ ↓ ↓ ↓ ↓		✓ ↓ ↓ ↓ ↓ ↓ ↓		2-6 ↓ ↓ ↓ ↓ ↓ ↓		✓ ↓ ↓ ↓ ↓ ↓ ↓		✓ ↓ ↓ ↓ ↓ ↓ ↓		✓ ↓ ↓ ↓ ↓ ↓ ↓													
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Relinquished By: Date: 5/7/04 Time: 8:15				Received By: Date: Time:				Phone Result: ☐ Yes ☐ No Add'l Phone #: Fax Result: ☐ Yes ☐ No Add'l Fax #: REMARKS: Please email copy of COC and results to pm@etechenv.com.																					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				-3.70c #140				Sample Condition Cool Intact ☐ Yes ☐ No ☐ Yes ☐ No				CHECKED BY: (Initials) 																	



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

February 13, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: LINDALE 24 25 W1DE FED 1H

Enclosed are the results of analyses for samples received by the laboratory on 02/12/24 12:27.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/12/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: AH 1 @ 4' (H240651-01)

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	02/12/2024	ND	1.96	97.8	2.00	5.68		
Toluene*	<0.050	0.050	02/12/2024	ND	2.08	104	2.00	7.99		
Ethylbenzene*	<0.050	0.050	02/12/2024	ND	2.22	111	2.00	8.97		
Total Xylenes*	<0.150	0.150	02/12/2024	ND	6.67	111	6.00	9.27		
Total BTX	<0.300	0.300	02/12/2024	ND						

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

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	02/12/2024	ND	208	104	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/12/2024	ND	196	98.0	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	02/12/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/12/2024
 Reported: 02/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: AH 2 @ 4' (H240651-02)

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	02/12/2024	ND	1.96	97.8	2.00	5.68	
Toluene*	<0.050	0.050	02/12/2024	ND	2.08	104	2.00	7.99	
Ethylbenzene*	<0.050	0.050	02/12/2024	ND	2.22	111	2.00	8.97	
Total Xylenes*	<0.150	0.150	02/12/2024	ND	6.67	111	6.00	9.27	
Total BTEX	<0.300	0.300	02/12/2024	ND					

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

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	02/12/2024	ND	208	104	200	2.54	
DRO >C10-C28*	13.0	10.0	02/12/2024	ND	196	98.0	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	02/12/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/12/2024
 Reported: 02/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: AH 3 @ 4' (H240651-03)

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	02/12/2024	ND	1.96	97.8	2.00	5.68		
Toluene*	<0.050	0.050	02/12/2024	ND	2.08	104	2.00	7.99		
Ethylbenzene*	<0.050	0.050	02/12/2024	ND	2.22	111	2.00	8.97		
Total Xylenes*	<0.150	0.150	02/12/2024	ND	6.67	111	6.00	9.27		
Total BTEX	<0.300	0.300	02/12/2024	ND						

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

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	02/12/2024	ND	208	104	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/12/2024	ND	196	98.0	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	02/12/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/12/2024
 Reported: 02/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: AH 4 @ 4' (H240651-04)

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	02/12/2024	ND	1.96	97.8	2.00	5.68	
Toluene*	<0.050	0.050	02/12/2024	ND	2.08	104	2.00	7.99	
Ethylbenzene*	<0.050	0.050	02/12/2024	ND	2.22	111	2.00	8.97	
Total Xylenes*	<0.150	0.150	02/12/2024	ND	6.67	111	6.00	9.27	
Total BTEX	<0.300	0.300	02/12/2024	ND					

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

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	02/12/2024	ND	208	104	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/12/2024	ND	196	98.0	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	02/12/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

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

Page 7 of 7

[illegible]



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February 16, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: LINDALE 24 25 W1DE FED 1H

Enclosed are the results of analyses for samples received by the laboratory on 02/13/24 9:32.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/13/2024
 Reported: 02/16/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: DEF 1 @ SUR (H240664-01)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.140	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	3.15	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	1.03	0.050	02/14/2024	ND	2.60	130	2.00	4.11	GC-NC1
Total Xylenes*	12.2	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTEx	16.5	0.300	02/14/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 221 % 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	02/14/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	257	100	02/14/2024	ND	199	99.5	200	2.95	
DRO >C10-C28*	15900	100	02/14/2024	ND	200	100	200	1.64	
EXT DRO >C28-C36	4410	100	02/14/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 566 % 49.1-148

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Analytical Results For:

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 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 2 @ SUR (H240664-02)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.127	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	2.08	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	0.739	0.050	02/14/2024	ND	2.60	130	2.00	4.11	GC-NC1
Total Xylenes*	9.40	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTEX	12.3	0.300	02/14/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 263 % 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	240	16.0	02/14/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	167	100	02/14/2024	ND	199	99.5	200	2.95	
DRO >C10-C28*	15600	100	02/14/2024	ND	200	100	200	1.64	
EXT DRO >C28-C36	4610	100	02/14/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 573 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 3 @ SUR (H240664-03)

BTX 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	0.230	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	0.198	0.050	02/14/2024	ND	2.60	130	2.00	4.11	GC-NC1
Total Xylenes*	2.62	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTX	3.05	0.300	02/14/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 247 % 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	2600	16.0	02/14/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	146	100	02/14/2024	ND	199	99.5	200	2.95	
DRO >C10-C28*	20300	100	02/14/2024	ND	200	100	200	1.64	
EXT DRO >C28-C36	6170	100	02/14/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 761 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
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Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 4 @ SUR (H240664-04)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	0.575	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	0.216	0.050	02/14/2024	ND	2.60	130	2.00	4.11	GC-NC1
Total Xylenes*	2.15	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTEX	2.94	0.300	02/14/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 190 % 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	02/14/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	110	100	02/14/2024	ND	199	99.5	200	2.95	
DRO >C10-C28*	17700	100	02/14/2024	ND	200	100	200	1.64	
EXT DRO >C28-C36	5740	100	02/14/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 539 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 5 @ SUR (H240664-05)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	0.051	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	0.112	0.050	02/14/2024	ND	2.60	130	2.00	4.11	GC-NC1
Total Xylenes*	1.53	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTEX	1.70	0.300	02/14/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 208 % 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	02/14/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	02/14/2024	ND	199	99.5	200	2.95	
DRO >C10-C28*	22600	100	02/14/2024	ND	200	100	200	1.64	
EXT DRO >C28-C36	7390	100	02/14/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 784 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 6 @ SUR (H240664-06)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.281	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	3.91	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	0.892	0.050	02/14/2024	ND	2.60	130	2.00	4.11	GC-NC1
Total Xylenes*	10.7	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTEx	15.8	0.300	02/14/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 260 % 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	02/14/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	196	100	02/14/2024	ND	199	99.5	200	2.95	
DRO >C10-C28*	13400	100	02/14/2024	ND	200	100	200	1.64	
EXT DRO >C28-C36	4070	100	02/14/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 498 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 7 @ SUR (H240664-07)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.122	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	1.26	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	0.483	0.050	02/14/2024	ND	2.60	130	2.00	4.11	GC-NC1
Total Xylenes*	6.39	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTEx	8.26	0.300	02/14/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 156 % 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	02/14/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	153	100	02/14/2024	ND	209	104	200	3.73	
DRO >C10-C28*	14400	100	02/14/2024	ND	194	96.8	200	5.36	QM-07
EXT DRO >C28-C36	4180	100	02/14/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 512 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 8 @ SUR (H240664-08)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.085	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	1.68	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	0.325	0.050	02/14/2024	ND	2.60	130	2.00	4.11	GC-NC1
Total Xylenes*	4.21	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTEX	6.30	0.300	02/14/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 190 % 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	16.0	16.0	02/14/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	242	100	02/14/2024	ND	209	104	200	3.73	
DRO >C10-C28*	17600	100	02/14/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	5290	100	02/14/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 608 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 9 @ SUR (H240664-09)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.082	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	2.60	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	0.954	0.050	02/14/2024	ND	2.60	130	2.00	4.11	GC-NC1
Total Xylenes*	15.2	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTEX	18.8	0.300	02/14/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 235 % 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	128	16.0	02/14/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	353	100	02/14/2024	ND	209	104	200	3.73	
DRO >C10-C28*	19300	100	02/14/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	4290	100	02/14/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 584 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/13/2024
 Reported: 02/16/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: DEF 10 @ SUR (H240664-10)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	1.23	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	0.687	0.050	02/14/2024	ND	2.60	130	2.00	4.11	GC-NC1
Total Xylenes*	8.18	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTEX	10.1	0.300	02/14/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 326 % 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	02/14/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	328	100	02/14/2024	ND	209	104	200	3.73	
DRO >C10-C28*	21000	100	02/14/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	5490	100	02/14/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 695 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/13/2024
 Reported: 02/16/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

Sampling Date: 02/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: DEF 11 @ SUR (H240664-11)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	2.39	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	1.08	0.050	02/14/2024	ND	2.60	130	2.00	4.11	GC-NC1
Total Xylenes*	14.5	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTEX	18.0	0.300	02/14/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 233 % 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	02/14/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	248	100	02/14/2024	ND	209	104	200	3.73	
DRO >C10-C28*	16800	100	02/14/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	4210	100	02/14/2024	ND					

Surrogate: 1-Chlorooctane 134 % 48.2-134

Surrogate: 1-Chlorooctadecane 1220 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 12 @ SUR (H240664-12)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	0.859	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	0.369	0.050	02/14/2024	ND	2.60	130	2.00	4.11	GC-NC1
Total Xylenes*	5.73	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTEX	6.96	0.300	02/14/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 147 % 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	02/14/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	162	100	02/14/2024	ND	209	104	200	3.73	
DRO >C10-C28*	24400	100	02/14/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	7210	100	02/14/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 1700 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 1 @ 4' (H240664-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2024	ND	2.12	106	2.00	2.30		
Toluene*	<0.050	0.050	02/14/2024	ND	2.25	112	2.00	3.49		
Ethylbenzene*	<0.050	0.050	02/14/2024	ND	2.60	130	2.00	4.11		
Total Xylenes*	<0.150	0.150	02/14/2024	ND	7.64	127	6.00	3.83		
Total BTEX	<0.300	0.300	02/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 134 % 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	02/14/2024	ND	400	100	400	3.92		

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	02/13/2024	ND	209	104	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 2 @ 4' (H240664-14)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2024	ND	2.12	106	2.00	2.30		
Toluene*	<0.050	0.050	02/14/2024	ND	2.25	112	2.00	3.49		
Ethylbenzene*	<0.050	0.050	02/14/2024	ND	2.60	130	2.00	4.11		
Total Xylenes*	<0.150	0.150	02/14/2024	ND	7.64	127	6.00	3.83		
Total BTEX	<0.300	0.300	02/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 139 % 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	16.0	16.0	02/14/2024	ND	400	100	400	3.92	

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	02/13/2024	ND	209	104	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 3 @ 4' (H240664-15)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	<0.050	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	<0.050	0.050	02/14/2024	ND	2.60	130	2.00	4.11	
Total Xylenes*	<0.150	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTEX	<0.300	0.300	02/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 140 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/14/2024	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	02/13/2024	ND	209	104	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 4 @ 4' (H240664-16)

BTX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	<0.050	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	<0.050	0.050	02/14/2024	ND	2.60	130	2.00	4.11	
Total Xylenes*	<0.150	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTX	<0.300	0.300	02/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 143 % 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	02/14/2024	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	02/13/2024	ND	209	104	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 5 @ 4' (H240664-17)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2024	ND	2.12	106	2.00	2.30		
Toluene*	<0.050	0.050	02/14/2024	ND	2.25	112	2.00	3.49		
Ethylbenzene*	<0.050	0.050	02/14/2024	ND	2.60	130	2.00	4.11		
Total Xylenes*	<0.150	0.150	02/14/2024	ND	7.64	127	6.00	3.83		
Total BTEX	<0.300	0.300	02/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 154 % 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	02/14/2024	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	02/13/2024	ND	209	104	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 6 @ 4' (H240664-18)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2024	ND	2.12	106	2.00	2.30		
Toluene*	<0.050	0.050	02/14/2024	ND	2.25	112	2.00	3.49		
Ethylbenzene*	<0.050	0.050	02/14/2024	ND	2.60	130	2.00	4.11		
Total Xylenes*	<0.150	0.150	02/14/2024	ND	7.64	127	6.00	3.83		
Total BTEX	<0.300	0.300	02/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 146 % 71.5-134

Chloride, SM4500Cl-B			mg/kg					Analyzed By: HM	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/14/2024	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	02/13/2024	ND	209	104	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 7 @ 4' (H240664-19)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2024	ND	2.12	106	2.00	2.30	
Toluene*	<0.050	0.050	02/14/2024	ND	2.25	112	2.00	3.49	
Ethylbenzene*	<0.050	0.050	02/14/2024	ND	2.60	130	2.00	4.11	
Total Xylenes*	<0.150	0.150	02/14/2024	ND	7.64	127	6.00	3.83	
Total BTEX	<0.300	0.300	02/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/14/2024	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	02/13/2024	ND	209	104	200	3.73	
DRO >C10-C28*	28.8	10.0	02/13/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Analytical Results For:

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Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 8 @ 4' (H240664-20)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2024	ND	2.12	106	2.00	2.30		
Toluene*	<0.050	0.050	02/14/2024	ND	2.25	112	2.00	3.49		
Ethylbenzene*	<0.050	0.050	02/14/2024	ND	2.60	130	2.00	4.11		
Total Xylenes*	<0.150	0.150	02/14/2024	ND	7.64	127	6.00	3.83		
Total BTEX	<0.300	0.300	02/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 146 % 71.5-134

Chloride, SM4500Cl-B			mg/kg					Analyzed By: HM	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/14/2024	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	02/13/2024	ND	209	104	200	3.73	
DRO >C10-C28*	112	10.0	02/13/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	11.3	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 9 @ 4' (H240664-21)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.11	105	2.00	2.85	
Toluene*	<0.050	0.050	02/13/2024	ND	2.25	112	2.00	2.80	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.57	128	2.00	3.84	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	7.48	125	6.00	5.14	
Total BTEx	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 148 % 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	02/14/2024	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	02/13/2024	ND	209	104	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 10 @ 4' (H240664-22)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2024	ND	2.11	105	2.00	2.85	
Toluene*	<0.050	0.050	02/14/2024	ND	2.25	112	2.00	2.80	
Ethylbenzene*	<0.050	0.050	02/14/2024	ND	2.57	128	2.00	3.84	
Total Xylenes*	<0.150	0.150	02/14/2024	ND	7.48	125	6.00	5.14	
Total BTEX	<0.300	0.300	02/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 153 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/14/2024	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	02/13/2024	ND	209	104	200	3.73	
DRO >C10-C28*	155	10.0	02/13/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	20.2	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 11 @ 4' (H240664-23)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2024	ND	2.11	105	2.00	2.85	
Toluene*	<0.050	0.050	02/14/2024	ND	2.25	112	2.00	2.80	
Ethylbenzene*	<0.050	0.050	02/14/2024	ND	2.57	128	2.00	3.84	
Total Xylenes*	0.293	0.150	02/14/2024	ND	7.48	125	6.00	5.14	
Total BTEX	<0.300	0.300	02/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 157 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/14/2024	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	02/13/2024	ND	209	104	200	3.73	
DRO >C10-C28*	153	10.0	02/13/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	20.5	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/13/2024	Sampling Date:	02/08/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 12 @ 4' (H240664-24)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.11	105	2.00	2.85	
Toluene*	<0.050	0.050	02/13/2024	ND	2.25	112	2.00	2.80	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.57	128	2.00	3.84	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	7.48	125	6.00	5.14	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 152 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/14/2024	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	02/13/2024	ND	209	104	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	194	96.8	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																					
Project Manager: Lance Crenshaw				P.O. #:				Chloride TPH (8015M) BTEX (8021B)																					
Address: 2617 West Marland				Company: Mewbourne																									
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																									
Phone #: (575) 264-9884 Fax #:				Address:																									
Project #: 19583 Project Owner: Mewbourne				City:																									
Project Name: Lindale 24 25 W1DE FED 1H				State: NM Zip:																									
Project Location: Rural Jal NM				Phone #:																									
Sampler Name: Dominic Casarez				Fax #:																									
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME															
1	Def 1 @ Sur	G	1			X				X			2/8/24		X	X	X												
2	Def 2 @ Sur	G	1			X				X			2/8/24		X	X	X												
3	Def 3 @ Sur	G	1			X				X			2/8/24		X	X	X												
4	Def 4 @ Sur	G	1			X				X			2/8/24		X	X	X												
5	Def 5 @ Sur	G	1			X				X			2/8/24		X	X	X												
6	Def 6 @ Sur	G	1			X				X			2/8/24		X	X	X												
7	Def 7 @ Sur	G	1			X				X			2/8/24		X	X	X												
8	Def 8 @ Sur	G	1			X				X			2/8/24		X	X	X												
9	Def 9 @ Sur	G	1			X				X			2/8/24		X	X	X												
10	Def 10 @ Sur	G	1			X				X			2/8/24		X	X	X												
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Relinquished By:				Date: 2/13/24				Received By:				Phone Result: ☐ Yes ☐ No				Add'l Phone #:													
Time: 9:32												Fax Result: ☐ Yes ☐ No				Add'l Fax #:													
Relinquished By:				Date:				Received By:				REMARKS:																	
Time:																													
Delivered By: (Circle One)				-7.40e				Sample Condition				CHECKED BY:																	
Sampler - UPS - Bus - Other:				#1140				Cool Intact				(Initials)																	
								☐ Yes ☐ No				☐ Yes ☐ No																	

FORM-006

Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



ARDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 28 of 29

Company Name: Etech Environmental & Safety Solutions, Inc.										BILL TO			ANALYSIS REQUEST									
Project Manager: Lance Crenshaw										P.O. #:			Chloride TPH (8015M) BTEX (8021B)									
Address: 2617 West Marland										Company: Mewbourne												
City: Hobbs State: NM Zip: 88240										Attn: Connor Walker												
Phone #: (575) 264-9884 Fax #:										Address:												
Project #: 19583 Project Owner: Mewbourne										City:												
Project Name: Lindale 24 25 W1DE FED 1H										State: NM Zip:												
Project Location: Rural Jal NM										Phone #:												
Sampler Name: Dominic Casarez										Fax #:												
FOR LAB USE ONLY																						
Lab I.D. Sample I.D. (G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: PRESERV. ACID/BASE ICE / COOL OTHER: SAMPLING DATE TIME																						
11 Def 11 @ Sur										G 1			X X X									
12 Def 12 @ Sur										G 1			X X X									
13 Def 1 @ 4'										G 1			X X X									
14 Def 2 @ 4'										G 1			X X X									
15 Def 3 @ 4'										G 1			X X X									
16 Def 4 @ 4'										G 1			X X X									
17 Def 5 @ 4'										G 1			X X X									
18 Def 6 @ 4'										G 1			X X X									
19 Def 7 @ 4'										G 1			X X X									
20 Def 8 @ 4'										G 1			X X X									
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																						
Relinquished By:										Date: 2/13/04			Received By:									
Time: 9:32													Time: 9:32									
Relinquished By:										Date:			Received By:									
Time:													Time:									
Delivered By: (Circle One)										-7.4/0C			Sample Condition									
Sampler - UPS - Bus - Other:										#140			Cool Intact ☒ Yes ☒ Yes ☐ No ☐ No									
													CHECKED BY: (Initials)									
													DH									
													Phone Result: ☐ Yes ☐ No Add'l Phone #:									
													Fax Result: ☐ Yes ☐ No Add'l Fax #:									
													REMARKS:									
													Please email results and copy of CoC to pm@etechenv.com.									

FORM-006
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.

Project Manager: Lance Crenshaw

Address: 2617 West Marland

City: Hobbs State: NM Zip: 88240

Phone #: (575) 264-9884 Fax #:

Project #: 19583 Project Owner: Mewbourne

Project Name: Lindale 24 25 W1DE FED 1H

Project Location: Rural Jal NM

Sampler Name: Dominic Casarez

BILL TO

P.O. #:

Company Mewbourne

Attn: Connor Walker

Address:

City:

State: NM Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Chloride

TPH (8015M)

BTEX (8021B)

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

G/RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

MATRIX

PRESERV.

SAMPLING

DATE

TIME

Def 9 @ 4'

Def 10 @ 4'

Def 11 @ 4'

Def 12 @ 4'

G

1

X

X

2/8/24

X

X

X

G

1

X

X

2/8/24

X

X

X

G

1

X

X

2/8/24

X

X

X

G

1

X

X

2/8/24

X

X

X

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Relinquished By:

Date:

Time:

Received By:

Received By:

Date:

Time:

Phone Result:

☐ Yes

☐ No

Add'l Phone #:

Fax Result:

☐ Yes

☐ No

Add'l Fax #:

REMARKS:

Please email results and copy of CoC to pm@etechenv.com.

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

Cool Intact

☒ Yes ☐ No

CHECKED BY:

(Initials)

-7.40c

#1140

DA



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

February 19, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: LINDALE 24 25 W1DE FED 1H

Enclosed are the results of analyses for samples received by the laboratory on 02/16/24 8:16.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 WIDE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 1 @ 2' (H240747-01)

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	02/16/2024	ND	1.92	96.0	2.00	2.67	
Toluene*	<0.050	0.050	02/16/2024	ND	2.07	103	2.00	6.71	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.06	103	2.00	6.60	GC-NC, QM-07
Total Xylenes*	0.821	0.150	02/16/2024	ND	6.29	105	6.00	7.18	GC-NC1, QM-07
Total BTX	0.821	0.300	02/16/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	96.8	10.0	02/16/2024	ND	210	105	200	0.876	
DRO >C10-C28*	1530	10.0	02/16/2024	ND	195	97.3	200	3.29	
EXT DRO >C28-C36	189	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Dionica Hinojos
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 2 @ 2' (H240747-02)

BTX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	1.92	96.0	2.00	2.67	
Toluene*	<0.050	0.050	02/16/2024	ND	2.07	103	2.00	6.71	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.06	103	2.00	6.60	GC-NC
Total Xylenes*	1.10	0.150	02/16/2024	ND	6.29	105	6.00	7.18	GC-NC1
Total BTX	1.10	0.300	02/16/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 141 % 71.5-134

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	278	10.0	02/16/2024	ND	210	105	200	0.876	
DRO >C10-C28*	3310	10.0	02/16/2024	ND	195	97.3	200	3.29	
EXT DRO >C28-C36	428	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FL 3 @ 2' (H240747-03)

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	02/16/2024	ND	1.92	96.0	2.00	2.67	
Toluene*	<0.050	0.050	02/16/2024	ND	2.07	103	2.00	6.71	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.06	103	2.00	6.60	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.29	105	6.00	7.18	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

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	02/16/2024	ND	210	105	200	0.876	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	195	97.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

February 26, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: LINDALE 24 25 W1DE FED 1H

Enclosed are the results of analyses for samples received by the laboratory on 02/20/24 14:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 1 @ 1' (H240832-01)

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	02/23/2024	ND	2.24	112	2.00	4.97	
Toluene*	<0.050	0.050	02/23/2024	ND	2.22	111	2.00	4.25	
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.18	109	2.00	4.83	
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.59	110	6.00	4.34	
Total BTX	<0.300	0.300	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 2 @ 1' (H240832-02)

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	02/23/2024	ND	2.24	112	2.00	4.97	
Toluene*	<0.050	0.050	02/23/2024	ND	2.22	111	2.00	4.25	
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.18	109	2.00	4.83	
Total Xylenes*	0.362	0.150	02/23/2024	ND	6.59	110	6.00	4.34	
Total BTEX	0.362	0.300	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	141	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	18.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 3 @ 1' (H240832-03)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	02/23/2024	ND	2.24	112	2.00	4.97	
Toluene*	25.1	1.00	02/23/2024	ND	2.22	111	2.00	4.25	
Ethylbenzene*	8.67	1.00	02/23/2024	ND	2.18	109	2.00	4.83	
Total Xylenes*	106	3.00	02/23/2024	ND	6.59	110	6.00	4.34	
Total BTEX	140	6.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 136 % 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	16.0	16.0	02/23/2024	ND	448	112	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*	1540	10.0	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	2940	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	313	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 4 @ 1' (H240832-04)

BTEx 8021B		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	02/23/2024	ND	1.88	94.1	2.00	8.05	
Toluene*	25.4	1.00	02/23/2024	ND	1.95	97.4	2.00	5.91	QM-07
Ethylbenzene*	6.10	1.00	02/23/2024	ND	1.93	96.3	2.00	6.08	
Total Xylenes*	91.6	3.00	02/23/2024	ND	5.83	97.1	6.00	5.67	QM-07
Total BTEX	123	6.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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	02/23/2024	ND	448	112	400	0.00	

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1380	10.0	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	2720	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	300	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 148 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
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Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 5 @ 1' (H240832-05)

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	02/23/2024	ND	1.88	94.1	2.00	8.05	
Toluene*	0.054	0.050	02/23/2024	ND	1.95	97.4	2.00	5.91	
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	1.93	96.3	2.00	6.08	
Total Xylenes*	<0.150	0.150	02/23/2024	ND	5.83	97.1	6.00	5.67	
Total BTX	<0.300	0.300	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

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 HOBBS NM, 88240
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Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 6 @ 1' (H240832-06)

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	02/23/2024	ND	1.88	94.1	2.00	8.05		
Toluene*	<0.050	0.050	02/23/2024	ND	1.95	97.4	2.00	5.91		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	1.93	96.3	2.00	6.08		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	5.83	97.1	6.00	5.67		
Total BTEx	<0.300	0.300	02/23/2024	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	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 7 @ 1' (H240832-07)

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	02/23/2024	ND	1.88	94.1	2.00	8.05	
Toluene*	<0.050	0.050	02/23/2024	ND	1.95	97.4	2.00	5.91	
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	1.93	96.3	2.00	6.08	
Total Xylenes*	<0.150	0.150	02/23/2024	ND	5.83	97.1	6.00	5.67	
Total BTEX	<0.300	0.300	02/23/2024	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	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 8 @ 1' (H240832-08)

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	02/23/2024	ND	1.88	94.1	2.00	8.05		
Toluene*	<0.050	0.050	02/23/2024	ND	1.95	97.4	2.00	5.91		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	1.93	96.3	2.00	6.08		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	5.83	97.1	6.00	5.67		
Total BTEx	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Analytical Results For:

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 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 9 @ 1' (H240832-09)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	02/23/2024	ND	1.88	94.1	2.00	8.05	
Toluene*	18.8	0.500	02/23/2024	ND	1.95	97.4	2.00	5.91	
Ethylbenzene*	5.56	0.500	02/23/2024	ND	1.93	96.3	2.00	6.08	
Total Xylenes*	88.1	1.50	02/23/2024	ND	5.83	97.1	6.00	5.67	
Total BTEX	112	3.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 138 % 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	16.0	16.0	02/23/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1550	10.0	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	3520	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	406	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 147 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 10 @ 1' (H240832-10)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.756	0.500	02/23/2024	ND	1.88	94.1	2.00	8.05	
Toluene*	21.8	0.500	02/23/2024	ND	1.95	97.4	2.00	5.91	
Ethylbenzene*	5.65	0.500	02/23/2024	ND	1.93	96.3	2.00	6.08	
Total Xylenes*	89.6	1.50	02/23/2024	ND	5.83	97.1	6.00	5.67	
Total BTEX	118	3.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 140 % 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	<16.0	16.0	02/23/2024	ND	448	112	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*	1250	10.0	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	3180	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	415	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 11 @ 1' (H240832-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	02/23/2024	ND	1.88	94.1	2.00	8.05	
Toluene*	37.5	1.00	02/23/2024	ND	1.95	97.4	2.00	5.91	
Ethylbenzene*	11.5	1.00	02/23/2024	ND	1.93	96.3	2.00	6.08	
Total Xylenes*	173	3.00	02/23/2024	ND	5.83	97.1	6.00	5.67	
Total BTEX	222	6.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 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	02/23/2024	ND	448	112	400	0.00	

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3400	10.0	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	6490	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	819	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 192 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 12 @ 1' (H240832-12)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	02/23/2024	ND	1.88	94.1	2.00	8.05	
Toluene*	4.41	0.100	02/23/2024	ND	1.95	97.4	2.00	5.91	
Ethylbenzene*	1.22	0.100	02/23/2024	ND	1.93	96.3	2.00	6.08	
Total Xylenes*	17.8	0.300	02/23/2024	ND	5.83	97.1	6.00	5.67	
Total BTEX	23.5	0.600	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 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	<16.0	16.0	02/23/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3580	10.0	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	9870	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	1560	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 201 % 48.2-134

Surrogate: 1-Chlorooctadecane 172 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 1 @ 2' (H240832-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2024	ND	1.88	94.1	2.00	8.05		
Toluene*	<0.050	0.050	02/23/2024	ND	1.95	97.4	2.00	5.91		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	1.93	96.3	2.00	6.08		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	5.83	97.1	6.00	5.67		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 2 @ 2' (H240832-14)

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	02/23/2024	ND	1.88	94.1	2.00	8.05		
Toluene*	<0.050	0.050	02/23/2024	ND	1.95	97.4	2.00	5.91		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	1.93	96.3	2.00	6.08		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	5.83	97.1	6.00	5.67		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 3 @ 2' (H240832-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.21	1.00	02/23/2024	ND	1.88	94.1	2.00	8.05	
Toluene*	27.7	1.00	02/23/2024	ND	1.95	97.4	2.00	5.91	
Ethylbenzene*	6.40	1.00	02/23/2024	ND	1.93	96.3	2.00	6.08	
Total Xylenes*	94.4	3.00	02/23/2024	ND	5.83	97.1	6.00	5.67	
Total BTEX	130	6.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 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	02/23/2024	ND	448	112	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*	1140	10.0	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	1590	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	175	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 4 @ 2' (H240832-16)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.41	1.00	02/23/2024	ND	1.88	94.1	2.00	8.05	
Toluene*	26.1	1.00	02/23/2024	ND	1.95	97.4	2.00	5.91	
Ethylbenzene*	5.84	1.00	02/23/2024	ND	1.93	96.3	2.00	6.08	
Total Xylenes*	82.5	3.00	02/23/2024	ND	5.83	97.1	6.00	5.67	
Total BTEX	116	6.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	16.0	16.0	02/23/2024	ND	448	112	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*	1290	10.0	02/22/2024	ND	197	98.4	200	1.20	
DRO >C10-C28*	1630	10.0	02/22/2024	ND	201	100	200	4.02	
EXT DRO >C28-C36	176	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 5 @ 2' (H240832-17)

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	02/23/2024	ND	1.88	94.1	2.00	8.05		
Toluene*	0.160	0.050	02/23/2024	ND	1.95	97.4	2.00	5.91		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	1.93	96.3	2.00	6.08		
Total Xylenes*	0.224	0.150	02/23/2024	ND	5.83	97.1	6.00	5.67		
Total BTEX	0.384	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 6 @ 2' (H240832-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2024	ND	1.88	94.1	2.00	8.05		
Toluene*	<0.050	0.050	02/23/2024	ND	1.95	97.4	2.00	5.91		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	1.93	96.3	2.00	6.08		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	5.83	97.1	6.00	5.67		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	16.0	16.0	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 7 @ 2' (H240832-19)

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	02/23/2024	ND	1.88	94.1	2.00	8.05		
Toluene*	<0.050	0.050	02/23/2024	ND	1.95	97.4	2.00	5.91		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	1.93	96.3	2.00	6.08		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	5.83	97.1	6.00	5.67		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	16.0	16.0	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 8 @ 2' (H240832-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2024	ND	1.88	94.1	2.00	8.05		
Toluene*	<0.050	0.050	02/23/2024	ND	1.95	97.4	2.00	5.91		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	1.93	96.3	2.00	6.08		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	5.83	97.1	6.00	5.67		
Total BTEX	<0.300	0.300	02/23/2024	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	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 9 @ 2' (H240832-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.50	1.00	02/23/2024	ND	1.88	94.1	2.00	8.05	
Toluene*	33.5	1.00	02/23/2024	ND	1.95	97.4	2.00	5.91	
Ethylbenzene*	8.12	1.00	02/23/2024	ND	1.93	96.3	2.00	6.08	
Total Xylenes*	122	3.00	02/23/2024	ND	5.83	97.1	6.00	5.67	
Total BTEX	165	6.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 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	<16.0	16.0	02/23/2024	ND	448	112	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*	2070	10.0	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	3550	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	427	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 10 @ 2' (H240832-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	02/23/2024	ND	1.88	94.1	2.00	8.05	
Toluene*	24.6	1.00	02/23/2024	ND	1.95	97.4	2.00	5.91	
Ethylbenzene*	7.00	1.00	02/23/2024	ND	1.93	96.3	2.00	6.08	
Total Xylenes*	110	3.00	02/23/2024	ND	5.83	97.1	6.00	5.67	
Total BTEX	141	6.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 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	<16.0	16.0	02/23/2024	ND	448	112	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*	1880	10.0	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	3270	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	354	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 11 @ 2' (H240832-23)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	02/23/2024	ND	1.88	94.1	2.00	8.05	
Toluene*	14.4	0.500	02/23/2024	ND	1.95	97.4	2.00	5.91	
Ethylbenzene*	7.01	0.500	02/23/2024	ND	1.93	96.3	2.00	6.08	
Total Xylenes*	107	1.50	02/23/2024	ND	5.83	97.1	6.00	5.67	
Total BTEX	129	3.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 146 % 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	16.0	16.0	02/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2300	10.0	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	4750	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	609	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 171 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/20/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: DEF 12 @ 2' (H240832-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<1.00	1.00	02/23/2024	ND	2.14	107	2.00	4.55		
Toluene*	33.9	1.00	02/23/2024	ND	2.14	107	2.00	10.1	QM-07	
Ethylbenzene*	12.6	1.00	02/23/2024	ND	2.19	109	2.00	12.2	QM-07	
Total Xylenes*	147	3.00	02/23/2024	ND	6.47	108	6.00	12.4	QM-07	
Total BTEX	193	6.00	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 134 % 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	<16.0	16.0	02/23/2024	ND	448	112	400	0.00		

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2660	10.0	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	5060	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	697	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 167 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 1 @ 3' (H240832-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2024	ND	2.14	107	2.00	4.55	
Toluene*	<0.050	0.050	02/23/2024	ND	2.14	107	2.00	10.1	
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.19	109	2.00	12.2	
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.47	108	6.00	12.4	
Total BTEX	<0.300	0.300	02/23/2024	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	112	16.0	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	49.6	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 2 @ 3' (H240832-26)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2024	ND	2.14	107	2.00	4.55	
Toluene*	<0.050	0.050	02/23/2024	ND	2.14	107	2.00	10.1	
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.19	109	2.00	12.2	
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.47	108	6.00	12.4	
Total BTEX	<0.300	0.300	02/23/2024	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	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	33.1	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 3 @ 3' (H240832-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	02/23/2024	ND	2.14	107	2.00	4.55	
Toluene*	28.7	1.00	02/23/2024	ND	2.14	107	2.00	10.1	
Ethylbenzene*	8.88	1.00	02/23/2024	ND	2.19	109	2.00	12.2	
Total Xylenes*	105	3.00	02/23/2024	ND	6.47	108	6.00	12.4	
Total BTEX	143	6.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 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	<16.0	16.0	02/23/2024	ND	448	112	400	0.00		

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1710	10.0	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	2250	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	225	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 135 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 4 @ 3' (H240832-28)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.38	0.500	02/23/2024	ND	2.14	107	2.00	4.55	
Toluene*	34.1	0.500	02/23/2024	ND	2.14	107	2.00	10.1	
Ethylbenzene*	10.1	0.500	02/23/2024	ND	2.19	109	2.00	12.2	
Total Xylenes*	113	1.50	02/23/2024	ND	6.47	108	6.00	12.4	
Total BTEX	158	3.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 145 % 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	02/23/2024	ND	448	112	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*	1820	10.0	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	2380	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	244	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 5 @ 3' (H240832-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2024	ND	2.14	107	2.00	4.55		
Toluene*	0.100	0.050	02/23/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.19	109	2.00	12.2		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.47	108	6.00	12.4		
Total BTEX	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 6 @ 3' (H240832-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2024	ND	2.14	107	2.00	4.55	
Toluene*	<0.050	0.050	02/23/2024	ND	2.14	107	2.00	10.1	
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.19	109	2.00	12.2	
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.47	108	6.00	12.4	
Total BTEX	<0.300	0.300	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 7 @ 3' (H240832-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2024	ND	2.14	107	2.00	4.55		
Toluene*	<0.050	0.050	02/23/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.19	109	2.00	12.2		
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.47	108	6.00	12.4		
Total BTEx	<0.300	0.300	02/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	32.0	16.0	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 8 @ 3' (H240832-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2024	ND	2.14	107	2.00	4.55	
Toluene*	<0.050	0.050	02/23/2024	ND	2.14	107	2.00	10.1	
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.19	109	2.00	12.2	
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.47	108	6.00	12.4	
Total BTEX	<0.300	0.300	02/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/23/2024	ND	448	112	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	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 9 @ 3' (H240832-33)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.42	1.00	02/23/2024	ND	2.14	107	2.00	4.55	
Toluene*	35.1	1.00	02/23/2024	ND	2.14	107	2.00	10.1	
Ethylbenzene*	10.8	1.00	02/23/2024	ND	2.19	109	2.00	12.2	
Total Xylenes*	125	3.00	02/23/2024	ND	6.47	108	6.00	12.4	
Total BTEX	172	6.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 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	16.0	16.0	02/23/2024	ND	448	112	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*	1950	10.0	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	2330	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	237	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 10 @ 3' (H240832-34)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.41	1.00	02/23/2024	ND	2.14	107	2.00	4.55	
Toluene*	36.5	1.00	02/23/2024	ND	2.14	107	2.00	10.1	
Ethylbenzene*	11.4	1.00	02/23/2024	ND	2.19	109	2.00	12.2	
Total Xylenes*	131	3.00	02/23/2024	ND	6.47	108	6.00	12.4	
Total BTEX	181	6.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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	16.0	16.0	02/23/2024	ND	448	112	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*	1860	10.0	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	2290	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	246	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 11 @ 3' (H240832-35)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.738	0.500	02/23/2024	ND	2.14	107	2.00	4.55	
Toluene*	30.8	0.500	02/23/2024	ND	2.14	107	2.00	10.1	
Ethylbenzene*	11.6	0.500	02/23/2024	ND	2.19	109	2.00	12.2	
Total Xylenes*	130	1.50	02/23/2024	ND	6.47	108	6.00	12.4	
Total BTEX	173	3.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 156 % 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	<16.0	16.0	02/23/2024	ND	448	112	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*	3240	10.0	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	5090	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	650	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/20/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: DEF 12 @ 3' (H240832-36)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	02/23/2024	ND	2.14	107	2.00	4.55	
Toluene*	18.5	1.00	02/23/2024	ND	2.14	107	2.00	10.1	
Ethylbenzene*	7.94	1.00	02/23/2024	ND	2.19	109	2.00	12.2	
Total Xylenes*	97.9	3.00	02/23/2024	ND	6.47	108	6.00	12.4	
Total BTEX	124	6.00	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 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	02/23/2024	ND	448	112	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*	2360	10.0	02/22/2024	ND	197	98.6	200	3.38	
DRO >C10-C28*	4450	10.0	02/22/2024	ND	190	95.0	200	5.20	
EXT DRO >C28-C36	518	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST													
Project Manager: Lance Crenshaw				P.O. #:				Chloride TPH (8015M) BTEX (8021B)													
Address: 2617 West Marland				Company: Mewbourne																	
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																	
Phone #: (575) 264-9884 Fax #:				Address:																	
Project #: 19583 Project Owner: Mewbourne				City:																	
Project Name: Lindale 24 25 W1DE FED 1H				State: NM Zip:																	
Project Location: Rural Jal NM				Phone #:																	
Sampler Name: Dominic Casarez				Fax #:																	
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING													
Lab I.D.	Sample I.D.	GRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME							
1240832																					
11	DEF 11 @ 1'	G	1			X				X			2/20/24		X	X	X				
12	DEF 12 @ 1'	G	1			X				X			2/20/24		X	X	X				
13	DEF 1 @ 2'	G	1			X				X			2/20/24		X	X	X				
14	DEF 2 @ 2'	G	1			X				X			2/20/24		X	X	X				
15	DEF 3 @ 2'	G	1			X				X			2/20/24		X	X	X				
16	DEF 4 @ 2'	G	1			X				X			2/20/24		X	X	X				
17	DEF 5 @ 2'	G	1			X				X			2/20/24		X	X	X				
18	DEF 6 @ 2'	G	1			X				X			2/20/24		X	X	X				
19	DEF 7 @ 2'	G	1			X				X			2/20/24		X	X	X				
20	DEF 8 @ 2'	G	1			X				X			2/20/24		X	X	X				
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Relinquished By:		Date: 2/20/24		Received By:		Phone Result: ☐ Yes ☐ No		Add'l Phone #:		REMARKS: Please email results and copy of CoC to pm@etechenv.com.											
Relinquished By:		Time: 1445		Received By:		Fax Result: ☐ Yes ☐ No		Add'l Fax #:													
Delivered By: (Circle One)				Sample Condition				CHECKED BY:													
Sampler - UPS - Bus - Other: 4.2c #140				Cool Intact ☒ Yes ☐ No				(Initials) 8K													

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

February 26, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: LINDALE 24 25 W1DE FED 1H

Enclosed are the results of analyses for samples received by the laboratory on 02/21/24 14:49.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/21/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 1 @ 3' (H240855-01)

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	02/24/2024	ND	1.93	96.3	2.00	8.30		
Toluene*	<0.050	0.050	02/24/2024	ND	2.00	99.8	2.00	5.61		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.98	99.2	2.00	6.04		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.03	100	6.00	5.47		
Total BTX	<0.300	0.300	02/24/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/23/2024	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	02/22/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 2 @ 3' (H240855-02)

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	02/24/2024	ND	1.93	96.3	2.00	8.30		
Toluene*	<0.050	0.050	02/24/2024	ND	2.00	99.8	2.00	5.61		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.98	99.2	2.00	6.04		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.03	100	6.00	5.47		
Total BTEX	<0.300	0.300	02/24/2024	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	48.0	16.0	02/23/2024	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	02/22/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 3 @ 3' (H240855-03)

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	02/24/2024	ND	1.93	96.3	2.00	8.30		
Toluene*	<0.050	0.050	02/24/2024	ND	2.00	99.8	2.00	5.61		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.98	99.2	2.00	6.04		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.03	100	6.00	5.47		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	16.0	16.0	02/23/2024	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	02/22/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 4 @ 3' (H240855-04)

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	02/24/2024	ND	1.93	96.3	2.00	8.30		
Toluene*	<0.050	0.050	02/24/2024	ND	2.00	99.8	2.00	5.61		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.98	99.2	2.00	6.04		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.03	100	6.00	5.47		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	<16.0	16.0	02/23/2024	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	02/22/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 5 @ 3' (H240855-05)

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	02/24/2024	ND	1.93	96.3	2.00	8.30		
Toluene*	<0.050	0.050	02/24/2024	ND	2.00	99.8	2.00	5.61		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.98	99.2	2.00	6.04		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.03	100	6.00	5.47		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	<16.0	16.0	02/23/2024	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	02/22/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 6 @ 3' (H240855-06)

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	02/24/2024	ND	1.93	96.3	2.00	8.30		
Toluene*	<0.050	0.050	02/24/2024	ND	2.00	99.8	2.00	5.61		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.98	99.2	2.00	6.04		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.03	100	6.00	5.47		
Total BTEX	<0.300	0.300	02/24/2024	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	02/23/2024	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	02/22/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 7 @ 3' (H240855-07)

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	02/24/2024	ND	1.93	96.3	2.00	8.30		
Toluene*	<0.050	0.050	02/24/2024	ND	2.00	99.8	2.00	5.61		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.98	99.2	2.00	6.04		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.03	100	6.00	5.47		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	02/23/2024	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	02/22/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 8 @ 3' (H240855-08)

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	02/24/2024	ND	1.93	96.3	2.00	8.30		
Toluene*	<0.050	0.050	02/24/2024	ND	2.00	99.8	2.00	5.61		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.98	99.2	2.00	6.04		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.03	100	6.00	5.47		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	16.0	16.0	02/23/2024	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	02/22/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 9 @ 3' (H240855-09)

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	02/24/2024	ND	2.38	119	2.00	8.42		
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	02/23/2024	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	02/22/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 10 @ 3' (H240855-10)

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	02/24/2024	ND	2.38	119	2.00	8.42		
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	02/23/2024	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	02/22/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 11 @ 3' (H240855-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.38	119	2.00	8.42		
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	02/23/2024	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	02/22/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 12 @ 3' (H240855-12)

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	02/24/2024	ND	2.38	119	2.00	8.42		
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	16.0	16.0	02/23/2024	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	02/22/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 13 @ 3' (H240855-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.38	119	2.00	8.42		
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	<16.0	16.0	02/23/2024	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	02/23/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 14 @ 3' (H240855-14)

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	02/24/2024	ND	2.38	119	2.00	8.42		
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	02/23/2024	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	02/23/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 15 @ 3' (H240855-15)

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	02/24/2024	ND	2.38	119	2.00	8.42		
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	02/23/2024	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 16 @ 3' (H240855-16)

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	02/24/2024	ND	2.38	119	2.00	8.42	
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16	
Total BTEX	<0.300	0.300	02/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	16.0	16.0	02/23/2024	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 17 @ 3' (H240855-17)

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	02/24/2024	ND	2.38	119	2.00	8.42	
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16	
Total BTEX	<0.300	0.300	02/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	02/23/2024	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 18 @ 3' (H240855-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.38	119	2.00	8.42		
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	16.0	16.0	02/23/2024	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/21/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 19 @ 3' (H240855-19)

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	02/24/2024	ND	2.38	119	2.00	8.42		
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	16.0	16.0	02/23/2024	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/21/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 20 @ 3' (H240855-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.38	119	2.00	8.42		
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	02/23/2024	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/21/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 24 @ 3' (H240855-21)

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	02/24/2024	ND	2.38	119	2.00	8.42		
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	32.0	16.0	02/23/2024	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.1 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 25 @ 3' (H240855-22)

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	02/24/2024	ND	2.38	119	2.00	8.42	
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16	
Total BTEX	<0.300	0.300	02/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 26 @ 3' (H240855-23)

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	02/24/2024	ND	2.38	119	2.00	8.42		
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 27 @ 3' (H240855-24)

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	02/24/2024	ND	2.38	119	2.00	8.42		
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16		
Total BTEX	<0.300	0.300	02/24/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 29 @ 3' (H240855-25)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.38	119	2.00	8.42	
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16	
Total BTEX	<0.300	0.300	02/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 30 @ 3' (H240855-26)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.38	119	2.00	8.42	
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16	
Total BTEX	<0.300	0.300	02/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 31 @ 3' (H240855-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.38	119	2.00	8.42	
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16	
Total BTEX	<0.300	0.300	02/24/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 34 @ 3' (H240855-28)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.38	119	2.00	8.42	
Toluene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	9.47	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.04	102	2.00	8.94	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.74	95.6	6.00	8.16	
Total BTEX	<0.300	0.300	02/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 37 @ 3' (H240855-29)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87	
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9	
Total BTEX	<0.300	0.300	02/24/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 40 @ 3' (H240855-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87		
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9		
Total BTEx	<0.300	0.300	02/24/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 67.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 41 @ 3' (H240855-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87		
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9		
Total BTEX	<0.300	0.300	02/24/2024	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	<16.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 42 @ 3' (H240855-32)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87	
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9	
Total BTEx	<0.300	0.300	02/24/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 43 @ 3' (H240855-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87		
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9		
Total BTEX	<0.300	0.300	02/24/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 44 @ 3' (H240855-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87		
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	02/26/2024	ND	464	116	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	02/23/2024	ND	193	96.4	200	3.26	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	192	96.1	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 66.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.1 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 45 @ 3' (H240855-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87	
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9	
Total BTEX	<0.300	0.300	02/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/26/2024	ND	464	116	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	02/22/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/21/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 46 @ 3' (H240855-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87		
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/26/2024	ND	464	116	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	02/22/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 47 @ 3' (H240855-37)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87	
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9	
Total BTEX	<0.300	0.300	02/24/2024	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	16.0	16.0	02/26/2024	ND	464	116	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	02/22/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 48 @ 3' (H240855-38)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87	
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9	
Total BTEX	<0.300	0.300	02/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/26/2024	ND	464	116	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	02/22/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	02/21/2024	Sampling Date:	02/20/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: FL 49 @ 3' (H240855-39)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87	
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9	
Total BTEX	<0.300	0.300	02/24/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: FL 50 @ 3' (H240855-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87		
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: EW 1 B (H240855-41)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87	
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9	
Total BTEx	<0.300	0.300	02/24/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/26/2024	ND	464	116	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	02/23/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: EW 2 B (H240855-42)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87	
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9	
Total BTEX	<0.300	0.300	02/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	02/26/2024	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	02/23/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: EW 3 B (H240855-43)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87	
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9	
Total BTEX	<0.300	0.300	02/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	<16.0	16.0	02/26/2024	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	02/23/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: EW 4 B (H240855-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87		
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9		
Total BTEx	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	02/26/2024	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	02/23/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: NW 1 B (H240855-45)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87		
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	<16.0	16.0	02/26/2024	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	02/23/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: NW 2 B (H240855-46)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87		
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9		
Total BTEX	<0.300	0.300	02/24/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/26/2024	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	02/23/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: NW 3 B (H240855-47)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87		
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9		
Total BTEX	<0.300	0.300	02/24/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/26/2024	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	02/23/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: WW 1 B (H240855-48)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	4.87	
Toluene*	<0.050	0.050	02/24/2024	ND	1.99	99.4	2.00	9.87	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.03	101	2.00	11.3	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.01	100	6.00	11.9	
Total BTEX	<0.300	0.300	02/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	02/26/2024	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	02/23/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: WW 2 B (H240855-49)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	6.12	
Toluene*	<0.050	0.050	02/24/2024	ND	2.11	106	2.00	6.17	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.08	104	2.00	5.95	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.08	101	6.00	6.27	
Total BTEX	<0.300	0.300	02/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	32.0	16.0	02/26/2024	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	02/23/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: WW 3 B (H240855-50)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2024	ND	2.13	107	2.00	6.12		
Toluene*	<0.050	0.050	02/24/2024	ND	2.11	106	2.00	6.17		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.08	104	2.00	5.95		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.08	101	6.00	6.27		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	16.0	16.0	02/26/2024	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	02/23/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 02/21/2024
 Reported: 02/26/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: WW 4 B (H240855-51)

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	02/24/2024	ND	2.13	107	2.00	6.12		
Toluene*	<0.050	0.050	02/24/2024	ND	2.11	106	2.00	6.17		
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	2.08	104	2.00	5.95		
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.08	101	6.00	6.27		
Total BTEX	<0.300	0.300	02/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	02/26/2024	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	02/23/2024	ND	202	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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

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

Celey D. Keene, Lab Director/Quality Manager



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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: Etech Environmental & Safety Solutions, Inc. Project Manager: Lance Crenshaw Address: 2617 West Marland City: Hobbs State: NM Zip: 88240 Phone #: (575) 264-9884 Fax #: Project #: 19583 Project Owner: Mewbourne Project Name: Lindale 24 25 W1DE FED 1H Project Location: Rural Jal NM Sampler Name: Dominic Casarez										P.O. #: Company: Mewbourne Attn: Connor Walker Address: City: State: NM Zip: Phone #: Fax #:									
FOR LAB USE ONLY Lab I.D. H408555 Sample I.D.										Chloride TPH (8015M) BTEX (8021B)									
MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: PRESERV. ACID/BASE: ICE / COOL OTHER: SAMPLING DATE TIME																			
1 FL1 @ 3' C 1 X 2 FL2 @ 3' C 1 X 3 FL3 @ 3' C 1 X 4 FL4 @ 3' C 1 X 5 FL5 @ 3' C 1 X 6 FL6 @ 3' C 1 X 7 FL7 @ 3' C 1 X 8 FL8 @ 3' C 1 X 9 FL9 @ 3' C 1 X 10 FL10 @ 3' C 1 X																			
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Relinquished By: Date: 2-21-24 Time: 1449 Received By: S. Rodriguez Date: Time:										Phone Result: ☐ Yes ☐ No Add'l Phone #: Fax Result: ☐ Yes ☐ No Add'l Fax #: REMARKS:									
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -9.12 #140										Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No CHECKED BY: (Initials) SR									
Please email results and copy of CoC to pm@etechenv.com.																			

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 55 of 59

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																			
Project Manager: Lance Crenshaw				P.O. #:				Chloride TPH (8015M) BTEX (8021B)																																			
Address: 2617 West Marland				Company: Mewbourne																																							
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																																							
Phone #: (575) 264-9884 Fax #:				Address:																																							
Project #: 19583 Project Owner: Mewbourne				City:																																							
Project Name: Lindale 24 25 W1DE FED 1H				State: NM Zip:																																							
Project Location: Rural Jal NM				Phone #:																																							
Sampler Name: Dominic Casarez				Fax #:																																							
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																													
										GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME													
H240855						C 1				X						X						2/20/24				X		X		X													
12		FL12 @ 3'				C 1				X						X						2/20/24				X		X		X													
13		FL13 @ 3'				C 1				X						X						2/20/24				X		X		X													
14		FL14 @ 3'				C 1				X						X						2/20/24				X		X		X													
15		FL15 @ 3'				C 1				X						X						2/20/24				X		X		X													
16		FL16 @ 3'				C 1				X						X						2/20/24				X		X		X													
17		FL17 @ 3'				C 1				X						X						2/20/24				X		X		X													
18		FL18 @ 3'				C 1				X						X						2/20/24				X		X		X													
19		FL19 @ 3'				C 1				X						X						2/20/24				X		X		X													
20		FL20 @ 3'				C 1				X						X						2/20/24				X		X		X													
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																																											
Relinquished By:				Date: 2/21/24		Received By: S Rodriguez				Phone Result: ☐ Yes ☐ No				Add'l Phone #:																													
				Time: 1449						Fax Result: ☐ Yes ☐ No				Add'l Fax #:																													
Relinquished By:				Date:		Received By:				REMARKS:																																	
				Time:						Please email results and copy of CoC to pm@etechenv.com.																																	
Delivered By: (Circle One) -9-12 #140																																											
Sampler - UPS - Bus - Other:						Sample Condition				CHECKED BY: (Initials)																																	
						Cool Intact				8K																																	
						☐ Yes ☒ No																																					
						☐ Yes ☒ No																																					

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 56 of 59

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST													
Project Manager: Lance Crenshaw				P.O. #:				Chloride TPH (8015M) BTEX (8021B)													
Address: 2617 West Marland				Company: Mewbourne																	
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																	
Phone #: (575) 264-9884 Fax #:				Address:																	
Project #: 19583 Project Owner: Mewbourne				City:																	
Project Name: Lindale 24 25 W1DE FED 1H				State: NM Zip:																	
Project Location: Rural Jal NM				Phone #:																	
Sampler Name: Dominic Casarez				Fax #:																	
FOR LAB USE ONLY		Sample I.D.		MATRIX		PRESERV.		SAMPLING													
		(G)RAB OR (C)OMP. # CONTAINERS		GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		ACID/BASE: ICE / COOL OTHER:		DATE TIME													
H240856 Lab I.D.																					
21 FL24 @ 3'		C 1		X		X		2/20/24		X X X											
22 FL25 @ 3'		C 1		X		X		2/20/24		X X X											
23 FL26 @ 3'		C 1		X		X		2/20/24		X X X											
24 FL27 @ 3'		C 1		X		X		2/20/24		X X X											
25 FL29 @ 3'		C 1		X		X		2/20/24		X X X											
26 FL30 @ 3'		C 1		X		X		2/20/24		X X X											
27 FL31 @ 3'		C 1		X		X		2/20/24		X X X											
28 FL34 @ 3'		C 1		X		X		2/20/24		X X X											
29 FL37 @ 3'		C 1		X		X		2/20/24		X X X											
30 FL40 @ 3'		C 1		X		X		2/20/24		X X X											
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Relinquished By: <i>[Signature]</i>				Date: 2-21-24				Received By: <i>[Signature]</i>				Phone Result: ☐ Yes ☐ No Add'l Phone #:									
Relinquished By:				Date:				Received By:				Fax Result: ☐ Yes ☐ No Add'l Fax #:									
Delivered By: (Circle One)				Sample Condition				CHECKED BY:				REMARKS:									
Sampler - UPS - Bus - Other:				Cool Intact ☐ Yes ☒ No				(Initials) <i>[Signature]</i>				Please email results and copy of CoC to pm@etechenv.com.									

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 57 of 59

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST														
Project Manager: Lance Crenshaw				P.O. #:				Chloride TPH (8015M) BTEX (8021B)														
Address: 2617 West Marland				Company: Mewbourne																		
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																		
Phone #: (575) 264-9884 Fax #:				Address:																		
Project #: 19583 Project Owner: Mewbourne				City:																		
Project Name: Lindale 24 25 W1DE FED 1H				State: NM Zip:																		
Project Location: Rural Jal NM				Phone #:																		
Sampler Name: Dominic Casarez				Fax #:																		
FOR LAB USE ONLY Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	PRESERV. ACID/BASE ICE / COOL OTHER:	SAMPLING DATE TIME															
H2408555																						
31 FL41 @ 3'				C 1		X		X	2/20/24		X	X	X									
32 FL42 @ 3'				C 1		X		X	2/20/24		X	X	X									
33 FL43 @ 3'				C 1		X		X	2/20/24		X	X	X									
34 FL44 @ 3'				C 1		X		X	2/20/24		X	X	X									
35 FL45 @ 3'				C 1		X		X	2/20/24		X	X	X									
36 FL46 @ 3'				C 1		X		X	2/20/24		X	X	X									
37 FL47 @ 3'				C 1		X		X	2/20/24		X	X	X									
38 FL48 @ 3'				C 1		X		X	2/20/24		X	X	X									
39 FL49 @ 3'				C 1		X		X	2/20/24		X	X	X									
40 FL50 @ 3'				C 1		X		X	2/20/24		X	X	X									
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Relinquished By: <i>[Signature]</i>				Date: 2-21-24 Time: 1449		Received By: <i>[Signature]</i>				Phone Result: ☐ Yes ☐ No Add'l Phone #:												
Relinquished By:				Date:		Received By:				Fax Result: ☐ Yes ☐ No Add'l Fax #:												
Delivered By: (Circle One)				Date:		Sample Condition Cool Intact ☐ Yes ☒ No				CHECKED BY: (Initials) <i>[Signature]</i>												
Sampler - UPS - Bus - Other:				Time:		9.1 #140				REMARKS:												
Please email results and copy of CoC to pm@etechenv.com.																						

FORM-006
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																													
Project Manager: Lance Crenshaw				P.O. #:				Chloride TPH (8015M) BTEX (8021B)																													
Address: 2617 West Marland				Company Mewbourne																																	
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																																	
Phone #: (575) 264-9884 Fax #:				Address:																																	
Project #: 19583 Project Owner: Mewbourne				City:																																	
Project Name: Lindale 24 25 W1DE FED 1H				State: NM Zip:																																	
Project Location: Rural Jal NM				Phone #:																																	
Sampler Name: Dominic Casarez				Fax #:																																	
FOR LAB USE ONLY		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																									
Lab I.D.				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME													
41	EW1B	C	1			X					X		2/20/24			X	X	X																			
42	EW2B	C	1			X					X		2/20/24			X	X	X																			
43	EW3B	C	1			X					X		2/20/24			X	X	X																			
44	EW4B	C	1			X					X		2/20/24			X	X	X																			
45	NW1B	C	1			X					X		2/20/24			X	X	X																			
46	NW2B	C	1			X					X		2/20/24			X	X	X																			
47	NW3B	C	1			X					X		2/20/24			X	X	X																			
48	WW1B	C	1			X					X		2/20/24			X	X	X																			
49	WW2B	C	1			X					X		2/20/24			X	X	X																			
50	WW3B	C	1			X					X		2/20/24			X	X	X																			

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Relinquished By:	Date: 2-21-24 Time: 1447	Received By: 8800kianney	Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No REMARKS:
Relinquished By:	Date: Time:	Received By:	Add'l Phone #: Add'l Fax #:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: -9.18 #140

Sample Condition
Cool Intact
☒ Yes ☐ No
☐ No ☐ No

CHECKED BY:
(Initials)
88

Please email results and copy of CoC to pm@etechenv.com.

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

March 13, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: LINDALE 24 25 W1DE FED 1H

Enclosed are the results of analyses for samples received by the laboratory on 03/08/24 14:44.

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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	03/08/2024	Sampling Date:	03/07/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	LINDALE 24 25 W1DE FED 1H	Sampling Condition:	Cool & Intact
Project Number:	19583	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - 32.0342407-103.841494		

Sample ID: NH - 1 @ SUR (H241197-01)

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	03/12/2024	ND	2.20	110	2.00	0.798		
Toluene*	<0.050	0.050	03/12/2024	ND	2.18	109	2.00	0.898		
Ethylbenzene*	<0.050	0.050	03/12/2024	ND	2.15	107	2.00	0.720		
Total Xylenes*	<0.150	0.150	03/12/2024	ND	6.26	104	6.00	0.671		
Total BTEx	<0.300	0.300	03/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 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	16.0	16.0	03/12/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2024	ND	195	97.7	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/11/2024	ND	207	103	200	3.88	
EXT DRO >C28-C36	<10.0	10.0	03/11/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 03/08/2024
 Reported: 03/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: NH - 2 @ SUR (H241197-02)

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	03/12/2024	ND	2.20	110	2.00	0.798		
Toluene*	<0.050	0.050	03/12/2024	ND	2.18	109	2.00	0.898		
Ethylbenzene*	<0.050	0.050	03/12/2024	ND	2.15	107	2.00	0.720		
Total Xylenes*	<0.150	0.150	03/12/2024	ND	6.26	104	6.00	0.671		
Total BTEX	<0.300	0.300	03/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2024	ND	195	97.7	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/11/2024	ND	207	103	200	3.88	
EXT DRO >C28-C36	<10.0	10.0	03/11/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 03/08/2024
 Reported: 03/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: WH - 1 @ SUR (H241197-03)

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	03/12/2024	ND	2.20	110	2.00	0.798		
Toluene*	<0.050	0.050	03/12/2024	ND	2.18	109	2.00	0.898		
Ethylbenzene*	<0.050	0.050	03/12/2024	ND	2.15	107	2.00	0.720		
Total Xylenes*	<0.150	0.150	03/12/2024	ND	6.26	104	6.00	0.671		
Total BTEX	<0.300	0.300	03/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2024	ND	195	97.7	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/11/2024	ND	207	103	200	3.88	
EXT DRO >C28-C36	<10.0	10.0	03/11/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 03/08/2024
 Reported: 03/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: SH - 1 @ SUR (H241197-04)

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	03/12/2024	ND	2.20	110	2.00	0.798		
Toluene*	<0.050	0.050	03/12/2024	ND	2.18	109	2.00	0.898		
Ethylbenzene*	<0.050	0.050	03/12/2024	ND	2.15	107	2.00	0.720		
Total Xylenes*	<0.150	0.150	03/12/2024	ND	6.26	104	6.00	0.671		
Total BTEX	<0.300	0.300	03/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2024	ND	195	97.7	200	2.40	
DRO >C10-C28*	<10.0	10.0	03/11/2024	ND	207	103	200	3.88	
EXT DRO >C28-C36	<10.0	10.0	03/11/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 03/08/2024
 Reported: 03/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: SH - 2 @ SUR (H241197-05)

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	03/12/2024	ND	2.20	110	2.00	0.798		
Toluene*	<0.050	0.050	03/12/2024	ND	2.18	109	2.00	0.898		
Ethylbenzene*	<0.050	0.050	03/12/2024	ND	2.15	107	2.00	0.720		
Total Xylenes*	<0.150	0.150	03/12/2024	ND	6.26	104	6.00	0.671		
Total BTEX	<0.300	0.300	03/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2024	ND	225	112	200	0.273	
DRO >C10-C28*	<10.0	10.0	03/11/2024	ND	233	116	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/11/2024	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 03/08/2024
 Reported: 03/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: EH - 1 @ SUR (H241197-06)

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	03/12/2024	ND	2.20	110	2.00	0.798		
Toluene*	<0.050	0.050	03/12/2024	ND	2.18	109	2.00	0.898		
Ethylbenzene*	<0.050	0.050	03/12/2024	ND	2.15	107	2.00	0.720		
Total Xylenes*	<0.150	0.150	03/12/2024	ND	6.26	104	6.00	0.671		
Total BTEX	<0.300	0.300	03/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2024	ND	225	112	200	0.273	
DRO >C10-C28*	<10.0	10.0	03/11/2024	ND	233	116	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/11/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 03/08/2024
 Reported: 03/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: EH - 2 @ SUR (H241197-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2024	ND	2.20	110	2.00	0.798		
Toluene*	<0.050	0.050	03/12/2024	ND	2.18	109	2.00	0.898		
Ethylbenzene*	<0.050	0.050	03/12/2024	ND	2.15	107	2.00	0.720		
Total Xylenes*	<0.150	0.150	03/12/2024	ND	6.26	104	6.00	0.671		
Total BTEx	<0.300	0.300	03/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2024	ND	225	112	200	0.273	
DRO >C10-C28*	<10.0	10.0	03/11/2024	ND	233	116	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/11/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 03/08/2024
 Reported: 03/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: NH - 1 @ 1' (H241197-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2024	ND	2.16	108	2.00	0.927		
Toluene*	<0.050	0.050	03/12/2024	ND	2.16	108	2.00	0.667		
Ethylbenzene*	<0.050	0.050	03/12/2024	ND	2.12	106	2.00	0.298		
Total Xylenes*	<0.150	0.150	03/12/2024	ND	6.38	106	6.00	0.804		
Total BTEX	<0.300	0.300	03/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2024	ND	225	112	200	0.273	
DRO >C10-C28*	<10.0	10.0	03/11/2024	ND	233	116	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/11/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 03/08/2024
 Reported: 03/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: NH - 2 @ 1' (H241197-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2024	ND	2.16	108	2.00	0.927		
Toluene*	<0.050	0.050	03/12/2024	ND	2.16	108	2.00	0.667		
Ethylbenzene*	<0.050	0.050	03/12/2024	ND	2.12	106	2.00	0.298		
Total Xylenes*	<0.150	0.150	03/12/2024	ND	6.38	106	6.00	0.804		
Total BTEX	<0.300	0.300	03/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2024	ND	225	112	200	0.273	
DRO >C10-C28*	<10.0	10.0	03/11/2024	ND	233	116	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/11/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 03/08/2024
 Reported: 03/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: WH - 1 @ 1' (H241197-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2024	ND	2.16	108	2.00	0.927		
Toluene*	<0.050	0.050	03/12/2024	ND	2.16	108	2.00	0.667		
Ethylbenzene*	<0.050	0.050	03/12/2024	ND	2.12	106	2.00	0.298		
Total Xylenes*	<0.150	0.150	03/12/2024	ND	6.38	106	6.00	0.804		
Total BTEX	<0.300	0.300	03/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2024	ND	225	112	200	0.273	
DRO >C10-C28*	<10.0	10.0	03/11/2024	ND	233	116	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/11/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 03/08/2024
 Reported: 03/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: SH - 1 @ 1' (H241197-11)

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	03/12/2024	ND	2.16	108	2.00	0.927		
Toluene*	<0.050	0.050	03/12/2024	ND	2.16	108	2.00	0.667		
Ethylbenzene*	<0.050	0.050	03/12/2024	ND	2.12	106	2.00	0.298		
Total Xylenes*	<0.150	0.150	03/12/2024	ND	6.38	106	6.00	0.804		
Total BTX	<0.300	0.300	03/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2024	ND	225	112	200	0.273	
DRO >C10-C28*	<10.0	10.0	03/11/2024	ND	233	116	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/11/2024	ND					

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 03/08/2024
 Reported: 03/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: SH - 2 @ 1' (H241197-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2024	ND	2.16	108	2.00	0.927		
Toluene*	<0.050	0.050	03/12/2024	ND	2.16	108	2.00	0.667		
Ethylbenzene*	<0.050	0.050	03/12/2024	ND	2.12	106	2.00	0.298		
Total Xylenes*	<0.150	0.150	03/12/2024	ND	6.38	106	6.00	0.804		
Total BTEX	<0.300	0.300	03/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2024	ND	225	112	200	0.273	
DRO >C10-C28*	<10.0	10.0	03/11/2024	ND	233	116	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/11/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 03/08/2024
 Reported: 03/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: EH - 1 @ 1' (H241197-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2024	ND	2.16	108	2.00	0.927		
Toluene*	<0.050	0.050	03/12/2024	ND	2.16	108	2.00	0.667		
Ethylbenzene*	<0.050	0.050	03/12/2024	ND	2.12	106	2.00	0.298		
Total Xylenes*	<0.150	0.150	03/12/2024	ND	6.38	106	6.00	0.804		
Total BTEx	<0.300	0.300	03/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2024	ND	225	112	200	0.273	
DRO >C10-C28*	<10.0	10.0	03/11/2024	ND	233	116	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/11/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 03/08/2024
 Reported: 03/13/2024
 Project Name: LINDALE 24 25 W1DE FED 1H
 Project Number: 19583
 Project Location: MEWBOURNE - 32.0342407-103.841494

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

Sample ID: EH - 2 @ 1' (H241197-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2024	ND	2.16	108	2.00	0.927		
Toluene*	<0.050	0.050	03/12/2024	ND	2.16	108	2.00	0.667		
Ethylbenzene*	<0.050	0.050	03/12/2024	ND	2.12	106	2.00	0.298		
Total Xylenes*	<0.150	0.150	03/12/2024	ND	6.38	106	6.00	0.804		
Total BTEx	<0.300	0.300	03/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2024	ND	225	112	200	0.273	
DRO >C10-C28*	<10.0	10.0	03/11/2024	ND	233	116	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/11/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST											
Project Manager: Lance Crenshaw				P.O. #:				Chloride TPH (8015M) BTEX (8021B)											
Address: 2617 West Marland				Company: Mewbourne															
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker															
Phone #: (575) 264-9884 Fax #:				Address:															
Project #: 19583 Project Owner: Mewbourne				City:															
Project Name: Lindale 24 25 W1DE FED 1H				State: NM Zip:															
Project Location: Rural Jal NM				Phone #:															
Sampler Name: Martin Sepulveda				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(GRAB OR (C)OMP. # CONTAINERS		MATRIX		PRESERV.		SAMPLING									
1 NH-1 @ Sur		C 1		X		X		3/7/24				X				X			
2 NH-2 @ Sur		C 1		X		X		3/7/24				X				X			
3 WH-1 @ Sur		C 1		X		X		3/7/24				X				X			
4 SH-1 @ Sur		C 1		X		X		3/7/24				X				X			
5 SH-2 @ Sur		C 1		X		X		3/7/24				X				X			
6 EH-1 @ Sur		C 1		X		X		3/7/24				X				X			
7 EH-2 @ Sur		C 1		X		X		3/7/24				X				X			
8 NH-1 @ 1'		C 1		X		X		3/7/24				X				X			
9 NH-2 @ 1'		C 1		X		X		3/7/24				X				X			
10 WH-1 @ 1'		C 1		X		X		3/7/24				X				X			
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																			
Relinquished By: [Signature]				Date: 3-7-24				Received By: [Signature]				Phone Result: ☐ Yes ☐ No				Add'l Phone #:			
Time: 1444												Fax Result: ☐ Yes ☐ No				Add'l Fax #:			
Relinquished By:				Date:				Received By:				REMARKS:							
Time:																			
Delivered By: (Circle One)				Sample Condition				CHECKED BY:				Please email results and copy of CoC to pm@etechenv.com.							
Sampler - UPS - Bus - Other:				Cool Intact				(Initials)											
-116-0				#140				Yes Yes											
				No No				[Signature]											

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

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[illegible]

Appendix E

Regulatory Correspondence

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Tuesday, November 28, 2023 11:39 AM
To: Connor Walker <cwalker@mewbourne.com>
Subject: [EXT] The Oil Conservation Division (OCD) has rejected the application, Application ID: 231262

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for incident ID (n#) nAPP2301170136, for the following reasons:

- **The deferral request is denied. The variance request for 400 ft² confirmation sample size is denied. Please collect confirmation samples, representing no more than 200 ft². The deferral may be granted so long as the contamination is fully delineated and does not cause an imminent risk to human health, the environment, or ground water. As much of the contaminated soil inside the release area should be removed safely with alternative methods. Only sample points that could cause a major facility deconstruction will be deferred. All sample points, except the requested sample points for deferral, must have contaminated soil delineated/excavated before a deferral request is uploaded to the payment portal. The only remediation that should remain are the sample points that are being requested for deferral. Also, specify exactly which sample points you are asking for a deferral on and the reason the contaminants can't be removed.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 231262.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Robert Hamlet
575-748-1283
Robert.Hamlet@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Santa Fe, NM 87505

From: [Connor Walker](#)

To: [Lance Crenshaw](#); [Ben Arguijo](#)

Cc: [Jeff Broom](#)

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 309235

Date: Monday, January 29, 2024 5:11:19 PM

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Monday, January 29, 2024 4:08 PM

To: Connor Walker <cwalker@mewbourne.com>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 309235

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2301170136.

The sampling event is expected to take place:

When: 02/01/2024 @ 08:00

Where: D-24-26S-30E 0 FNL 0 FEL (32.0342407,-103.8414943)

Additional Information: Sample tech: Dominic Casarez

Phone: 432-813-1036, dominic@etechenv.com

Additional Instructions: From the intersection of Pipeline Rd and Buck Jackson Rd (GPS: 32.064703, -103.803525), head W on Pipeline Rd for 2.25 mi, then S for 0.86 mi, then SE for 0.50 mi, then S for 0.80 mi, then W for 0.01 mi, then NW for 0.06 mi to arrive at the Lindale 24 25 W1DE FED 1H pad (GPS: 32.0342407, -103.8414943).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: [Connor Walker](#)
To: [Lance Crenshaw](#); [Ben Arguijo](#)
Cc: [Jeff Broom](#)
Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 315077
Date: Friday, February 16, 2024 8:40:50 AM

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Friday, February 16, 2024 7:36 AM
To: Connor Walker <cwalker@mewbourne.com>
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 315077

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2301170136.

The sampling event is expected to take place:

When: 02/20/2024 @ 08:00

Where: D-24-26S-30E 0 FNL 0 FEL (32.0342407,-103.8414943)

Additional Information: Sample tech: Dominic Casarez

Phone: 432-813-1036, dominic@etechenvironment.com

Additional Instructions: From the intersection of Pipeline Rd and Buck Jackson Rd (GPS: 32.064703, -103.803525), head W on Pipeline Rd for 2.25 mi, then S for 0.86 mi, then SE for 0.50 mi, then S for 0.80 mi, then W for 0.01 mi, then NW for 0.06 mi to arrive at the Lindale 24 25 W1DE FED 1H pad (GPS: 32.0342407, -103.8414943).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 587807

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 587807
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2301170136
Incident Name	NAPP2301170136 LINDALE 24/25 W1DE FEDERAL #1H @ 30-015-46168
Incident Type	Oil Release
Incident Status	Deferral Request Received
Incident Well	[30-015-46168] LINDALE 24 25 W1DE FEDERAL #001H

Location of Release Source

Please answer all the questions in this group.

Site Name	LINDALE 24/25 W1DE FEDERAL #1H
Date Release Discovered	12/27/2022
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Freeze Dump Valve Crude Oil Released: 5 BBL Recovered: 0 BBL Lost: 5 BBL.
Produced Water Released (bbls) Details	Cause: Freeze Dump Valve Produced Water Released: 18 BBL Recovered: 0 BBL Lost: 18 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)	Not answered.

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State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
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QUESTIONS, Page 2

Action 587807

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 587807
	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	n/a

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: Jeff Broom Title: Environmental Rep Email: jlbroom@mewbourne.com Date: 05/22/2026

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

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Energy, Minerals and Natural Resources
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QUESTIONS, Page 3

Action 587807

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 587807
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	OCD Imaging Records Lookup
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	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 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 1000 (ft.) and ½ (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	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 500 and 1000 (ft.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	2600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	39200
GRO+DRO (EPA SW-846 Method 8015M)	32100
BTEX (EPA SW-846 Method 8021B or 8260B)	222
Benzene (EPA SW-846 Method 8021B or 8260B)	1.5
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	02/14/2024
On what date will (or did) the final sampling or liner inspection occur	03/07/2024
On what date will (or was) the remediation complete(d)	03/12/2024
What is the estimated surface area (in square feet) that will be reclaimed	5759
What is the estimated volume (in cubic yards) that will be reclaimed	853
What is the estimated surface area (in square feet) that will be remediated	4168
What is the estimated volume (in cubic yards) that will be remediated	377
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Energy, Minerals and Natural Resources
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QUESTIONS, Page 4

Action 587807

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 587807
	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	<i>Not answered.</i>
OR which OCD approved well (API) will be used for off-site disposal	<i>Not answered.</i>
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 Red Bluff Facility
OR is the off-site disposal site, to be used, an NMED facility	<i>Not answered.</i>
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 05/22/2026
<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 587807

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 587807
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
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	Horizontal and vertical tanks, high pressure and low-pressure gas lines.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	3134
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	464
<i>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.</i>	
Enter the facility ID (f#) on which this deferral should be granted	fAPP2126048855 LINDALE 24/25 H3DE FED #1H BATTERY
Enter the well API (30-) on which this deferral should be granted	30-015-46168 LINDALE 24 25 W1DE FEDERAL #001H
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<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: Jeff Broom Title: Environmental Rep Email: jlbroom@mewbourne.com Date: 05/22/2026

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

General Information
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS, Page 6

Action 587807

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 587807
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	315077
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/20/2024
What was the (estimated) number of samples that were to be gathered	90
What was the sampling surface area in square feet	14777

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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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CONDITIONS

Action 587807

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 587807
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Mewbourne's deferral requests final remediation for (Incident Number NAPP2301170136) until final reclamation of the well pad or major construction, whichever comes first. Etech and Mewbourne do not believe deferment will result in imminent risk to human health, the environment, or groundwater. The impacted soil is the shaded area on figure 4 that is next to on-site production equipment, containment area, piping, where remediation would require a major facility deconstruction. At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and placed in the incident file. The release will remain open in OCD database files and reflect an open environmental issue.	6/5/2026