# Remediation Summary & Soil Closure Request

## Mewbourne Oil Company Lindale 24/25 W1AH Fed Com #1H Battery

Eddy County, New Mexico
Unit Letter "A", Section 24, Township 26 South, Range 30 East
Latitude 32.033988 North, Longitude 103.827985 West
NMOCD Reference No. nAPP2406731234

Prepared By:

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Midland • San Antonio • Lubbock • Hobbs • Lafayette

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### 1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Lindale 24/25 W1AH Fed Com #1H Battery (henceforth, "Lindale W1AH"). Details of the release are summarized below:

Latitude:	32.033988		Longitude		-103.827985	
		Provided	GPS are in WGS84 for	mat.		
Site Name: Lindale 24/			• • •		Tank Battery	
Date Release Discovere	ed: 2/23/	2024	API # (if appl	icable):	N/A	
		nship	Range	County	]	
"A" 2	24 26	5S	30E	Eddy	_	
Surface Owner: Sta	ate X Federal	Tribal	Private (N	ame_		
_ <del>_</del>	N	ature and	— d Volume of	Release		
	11	aturt all	u volullic Ul	INCICASE		
Crude Oil	Volume Released	d (bbls)		Volume Recovere	ed (bbls)	
X Produced Water	Volume Released (bbls) 34			Volume Recovered (bbls) 10		
	Is the concentration the produced wat			X Yes	No N/A	
Condensate	Volume Released	d (bbls)		Volume Recovered (bbls)		
Natural Gas	Volume Released	d (Mcf)		Volume Recovere	ed (Mcf)	
Other (describe)	Volume/Weight l	Released		Volume/Weight Recovered		
Cause of Release: Equipment failure (pip	peline).					
		Ini	tial Response			
X The source of the r	elease has been stop	pped.				
X The impacted area	has been secured to	protect hum	an health and the	environment.		
X Release materials l	nave been contained	via the use of	of berms or dikes,	absorbent pad, or o	ther containment devices	

Previously submitted portions of the New Mexico Oil Conservation Division (NMOCD) Form C-141 are available in the NMOCD Imaging 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?	Estimate or Other			
Did the release impact groundwater or surface water?	Yes X 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 1,000 (ft.) and ½ (mi.)			
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between 1,000 (ft.) and ½ (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 ½ and 1 (mi.)			
Incorporated municipal boundaries or a defined municipal fresh water well field?	> 5 (mi.)			
A wetland?	Between 1,000 (ft.) and ½ (mi.)			
A subsurface mine?	> 5 (mi.)			
A (non-karst) unstable area?	Between 1,000 (ft.) and ½ (mi.)			
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 X No			

Searches of databases maintained by the NMOCD, New Mexico Office of the State Engineer (NMOSE), and United States Geological Survey (USGS) were conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Lindale W1AH release site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information.

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; and aerial imagery. The results are depicted in Figures 1, 2A, 2B, and 4.

### 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 NMOCD Closure Criteria and NMOCD Reclamation Standards for the Lindale W1AH release site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	10,000	600
D 100 1	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
Between 100 and 500 (ft.)	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	1,000	N/A
300 (II.)	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

<sup>\*</sup> Measured in milligrams per kilogram (mg/kg)

<sup>†</sup> Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

<sup>‡</sup> The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

### 4.0 REMEDIATION ACTIVITIES SUMMARY

Requesting a remediation plan approval with this submission?	X Yes No
Have the lateral and vertical extents of contamination been fully delineated?	X Yes No
Was this release entirely contained within a lined containment area?	Yes X No
On what estimated date will (or did) the remediation commence?	3/12/2024
On what date will (or did) the final sampling or liner inspection occur?	3/18/2024
On what date will (or was) the remediation complete(d)?	3/26/2024
What is the total surface area (sq. ft.) in need of or that will eventually be reclaimed?	4,182
What is the total volume (cy) in need of or that will eventually be reclaimed?	411
What was the total surface area (sq. ft.) that has or will be remediated?	4,182
What was the total volume (cy) that has or will be remediated?	840
This remediation utilized the following processes to remediate/reduce contaminants: (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	X Yes No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Yes X No
(In Situ) Soil Vapor Extraction	Yes X No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Yes X No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Yes X No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Yes X No
Ground Water Abatement pursuant to 19.15.30 NMAC	Yes X No
Other (Non-listed remedial process)	Yes X 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

On March 12, 2024, remediation activities commenced at the Lindale W1AH release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated 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 sidewalls and floor of the excavation were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls and floor of the excavated area 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	352	NW 5 & FL 8 @ 4'	3/18/2024	0 - 3 & 4	In-Situ
ТРН	<30.0	All submitted soil samples	3/18/2024	0 - 5	In-Situ
GRO + DRO	<20.0	All submitted soil samples	3/18/2024	0 - 5	In-Situ
Benzene	< 0.050	All submitted soil samples	3/18/2024	0 - 5	In-Situ
BTEX	< 0.300	All submitted soil samples	3/18/2024	0 - 5	In-Situ

Please reference Table 1 for additional information.

On March 18, 2024, Etech collected 35 confirmation soil samples (NW 1 through NW 6, EW 1, EW 2, SW 1 through SW 5, WW 1, WW 2, and FL 1 @ 1' through FL 20 @ 5') from the sidewalls and floor of the excavated area. The soil samples were submitted to a certified, commercial laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory method detection limit (MDL) in each of the submitted soil samples. Chloride concentrations ranged from 32.0 mg/kg in soil samples EW 1 and SW 1 to 352 mg/kg in soil samples NW 5 and FL 8 @ 4'.

The final dimensions of the excavated area were approximately 102 to 166 feet in length, eight (8) to 30 feet in width, and one (1) to five (5) feet in depth. During the course of remediation activities, Etech transported approximately 840 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 840 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

Soil sample locations and the extent of the excavated area are depicted in Figure 3, "Sample Location Map". Soil chemistry data is summarized in Table 1. General photographs of the site are provided in Appendix B. Field data is provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix E.

### 5.0 SOIL CLOSURE REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	Yes X No
Requesting a remediation closure approval with this submission?	X Yes No
Have the lateral and vertical extents of contamination been fully delineated?	X Yes No
Was this release entirely contained within a lined containment area?	Yes X No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the site's existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion.	X Yes No
What was the total surface area (sq. ft.) remediated?	4,182
What was the total volume (cy) remediated?	840

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate in-situ concentrations of BTEX, TPH, and chloride are below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards.

Based on laboratory analytical results and field activities conducted to date, Etech recommends Mewbourne Oil Company, provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request closure be granted to the Lindale W1AH release site.

### 6.0 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 feet 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 X No
Requesting a reclamation approval with this submission?	Yes X No
Requesting a restoration complete approval with this submission?	Yes X No
What was the total surface area (sq. ft.) reclaimed?	0
What was the total volume (cy) reclaimed?	0

The release was limited to the production pad of an active tank battery and did not impact the adjacent pasture. Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions. The affected area was compacted and contoured to fit the needs of the facility. Final reclamation and revegetation will be conducted upon decommissioning and abandonment of the tank battery.

### 7.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary & Soil Closure 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.

### 8.0 DISTRIBUTION

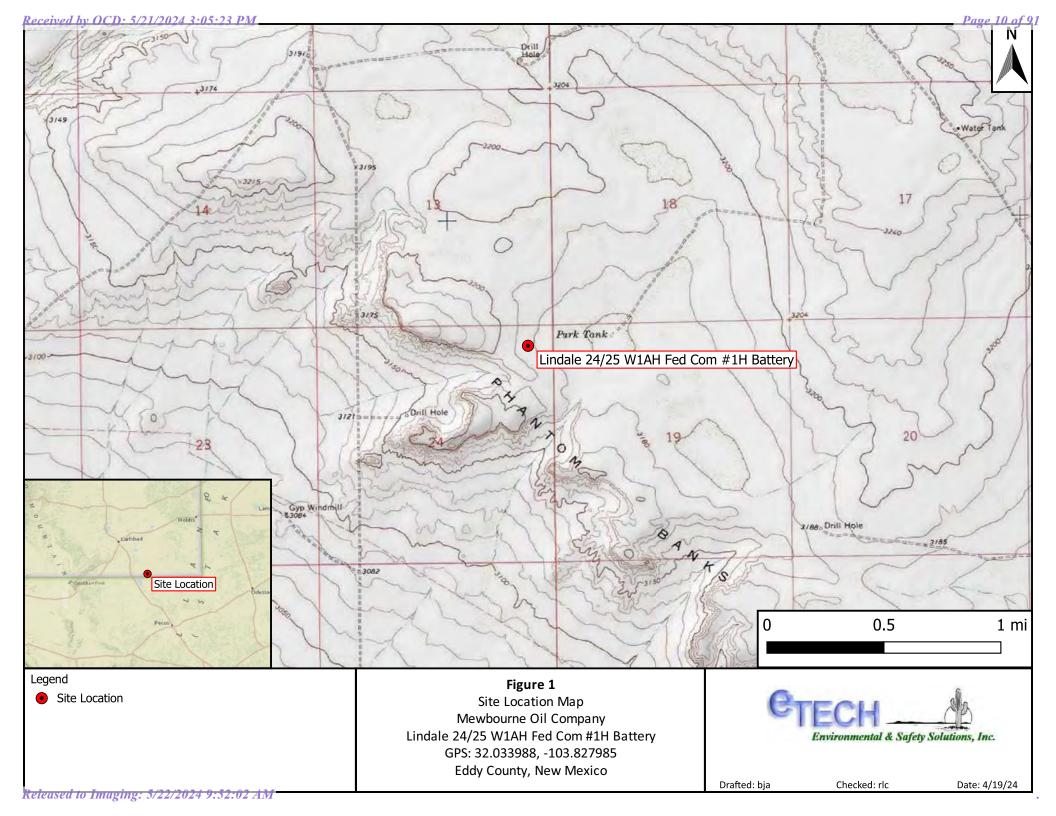
Mewbourne Oil Company 4801 Business Park Blvd. Hobbs, NM 88240

New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 2 811 S. First Street Artesia, NM 88210

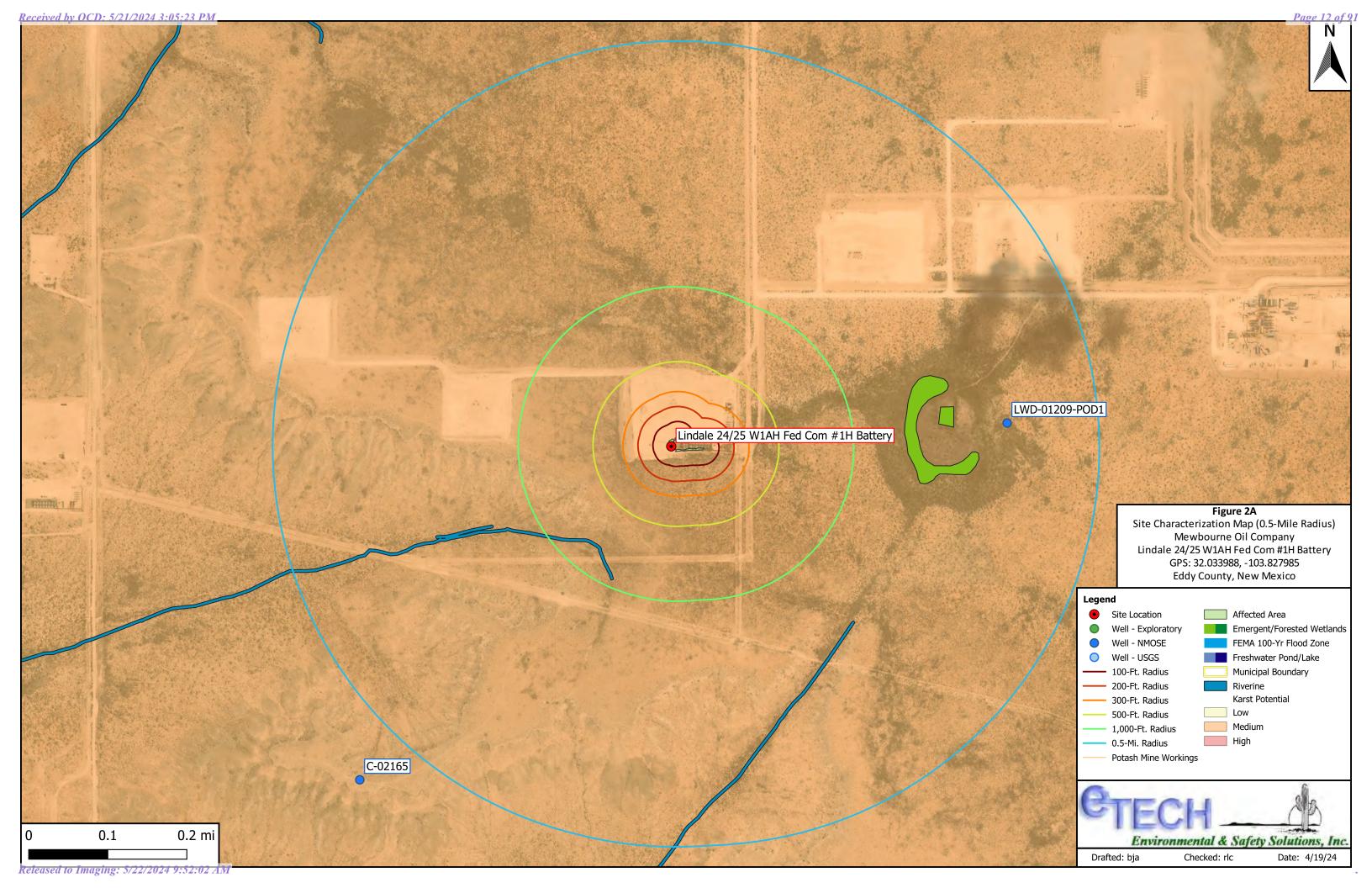
United States Department of the Interior Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

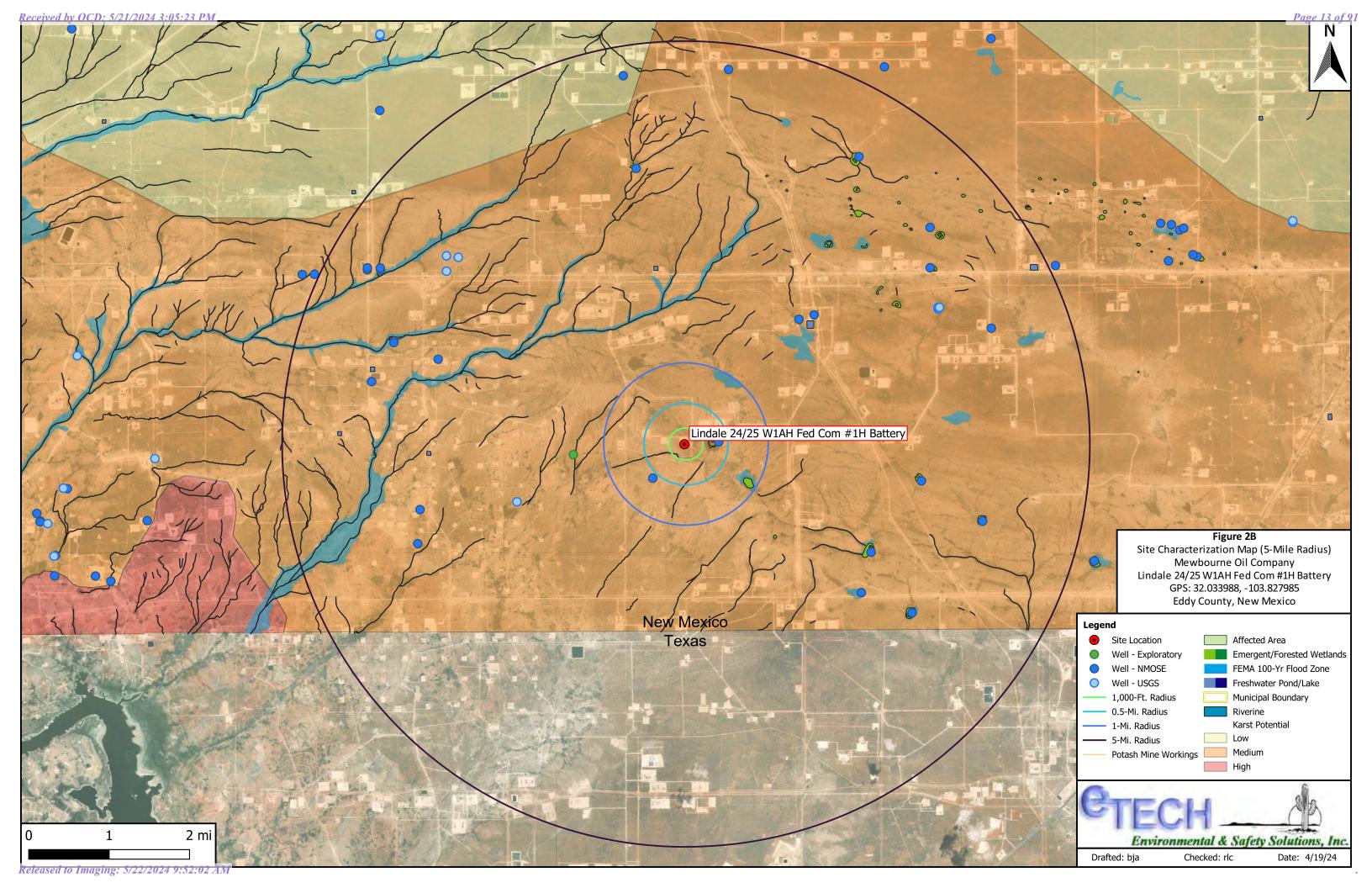
(Electronic Submission)

# Figure 1 Site Location Map

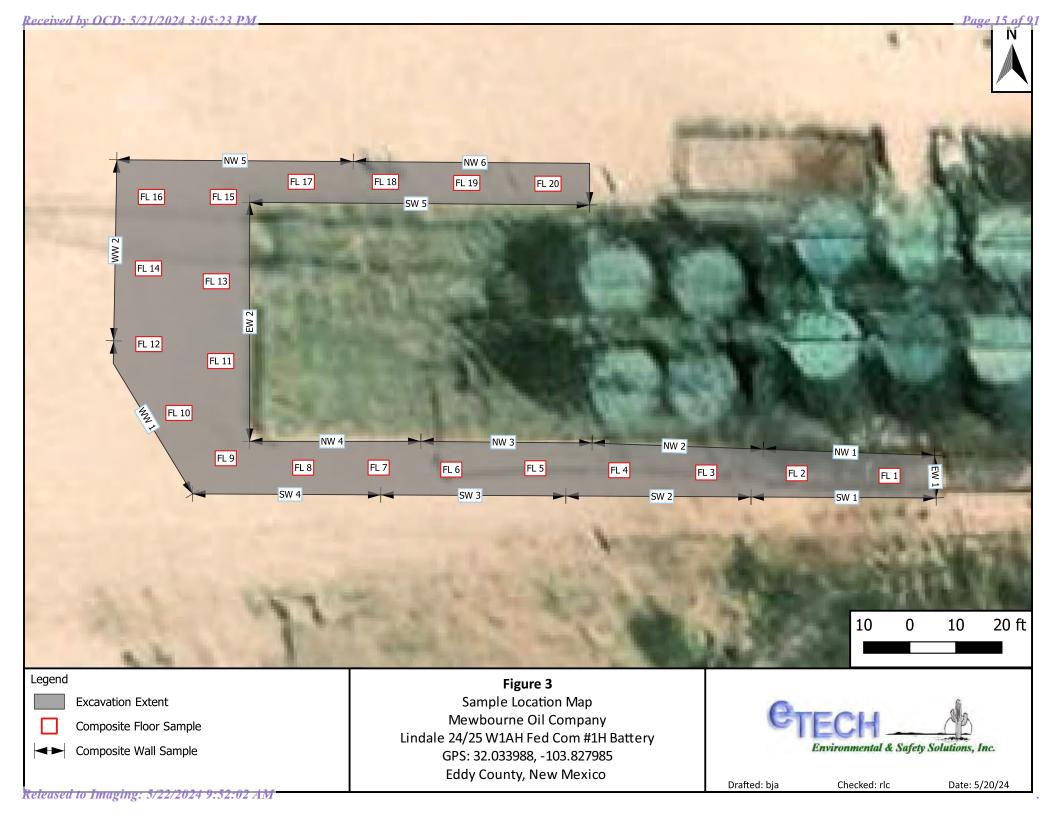


## Figures 2A & 2B Site Characterization Maps





# Figure 3 Sample Location Map

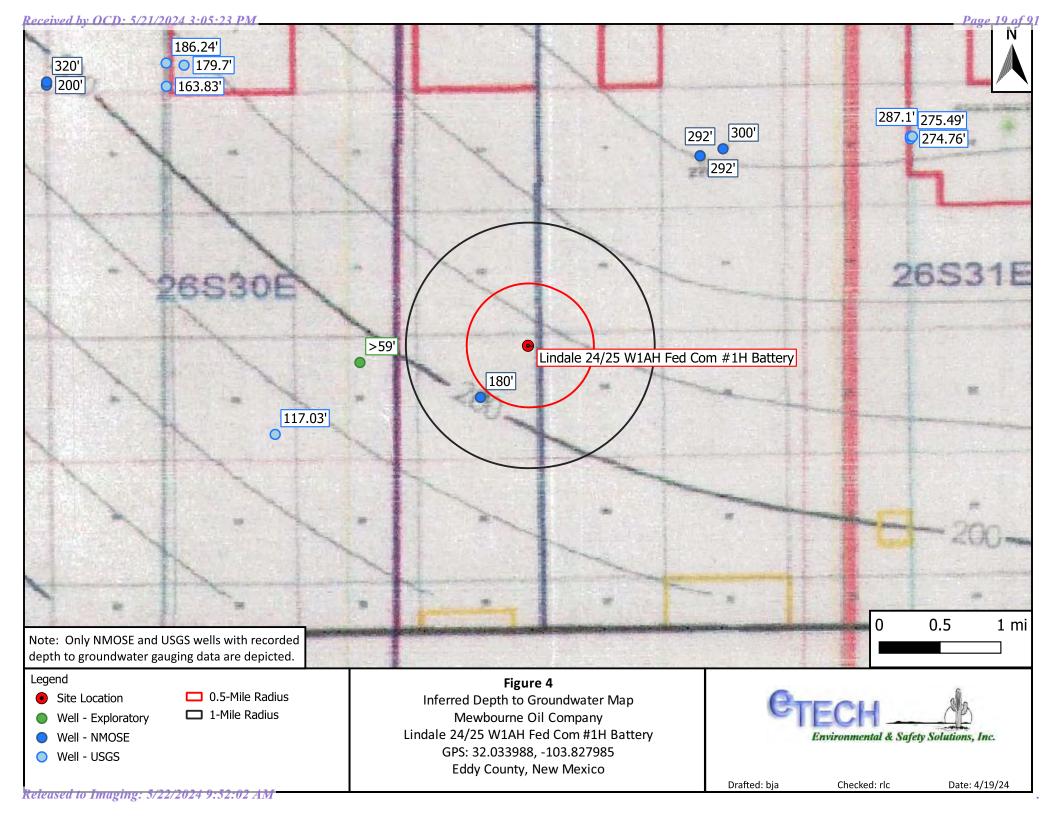


# Table 1 Concentrations of BTEX, TPH & Chloride in Soil

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Lindale 24/25 W1AH Fed Com #1H Battery
NMOCD Ref. #: nAPP2406731234

NMOCD Ref. #: nAPP2406/31234											
	OCD Closure C			10	50	N/A	N/A	1,000	N/A	2,500	10,000
NMOC	D Reclamation	Standard	l	10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B	SW 846 8015M Ext.					4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
NW 1	3/18/2024	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
NW 2	3/18/2024	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
NW 3	3/18/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NW 4	3/18/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
NW 5	3/18/2024	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
NW 6	3/18/2024	0-5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
EW 1	3/18/2024	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 2	3/18/2024	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SW 1	3/18/2024	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 2	3/18/2024	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 3	3/18/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 4	3/18/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SW 5	3/18/2024	0-5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
WW 1	3/18/2024	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
WW 2	3/18/2024	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 1 @ 1'	3/18/2024	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 2 @ 3'	3/18/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 3 @ 3'	3/18/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 4 @ 3'	3/18/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 5 @ 3'	3/18/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 6 @ 4'	3/18/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 7 @ 4'	3/18/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 8 @ 4'	3/18/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 9 @ 2'	3/18/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 10 @ 2'	3/18/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 11 @ 2'	3/18/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 12 @ 2'	3/18/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 13 @ 2'	3/18/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 14 @ 2'	3/18/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 15 @ 2'	3/18/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 16 @ 2'	3/18/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 17 @ 3'	3/18/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 18 @ 3'	3/18/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 19 @ 2'	3/18/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 20 @ 5'	3/18/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224

# Appendix A Depth to Groundwater Information





## New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW#### in the **POD** suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned,

C=the file is

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

**POD** 

Sub-QQQ Code basin County 6416 4 Sec Tws Rng

X

DistanceDepthWellDepthWaterColumn

**POD Number** C 02165

С

24 26S 30E 610036 3544121\*

928 440 180

1128

Average Depth to Water:

C 04693 POD1

CUB ED 3 4 2 13 26S 30E

610617 3545930

180 feet

Water

Minimum Depth:

180 feet

Maximum Depth:

180 feet

Record Count:2

UTMNAD83 Radius Search (in meters):

Easting (X): 610665.62

Northing (Y): 3544803.43

Radius: 1610

\*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.

> WATER COLUMN/ AVERAGE DEPTH TO WATER



# 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** 

C 02165

Q64 Q16 Q4 Sec Tws Rng

X

610036

3544121\*

**Driller License:** 421 **Driller Company:** 

GLENN'S WATER WELL SERVICE

**Driller Name:** 

CORKY GLENN

05/02/1988

**Drill Finish Date:** 

05/02/1988

30E

26S

Plug Date:

Shallow

Log File Date:

**Drill Start Date:** 

05/05/1988

**PCW Rcv Date:** 

Source:

**Pump Type: Casing Size:** 

6.63

Pipe Discharge Size:

Estimated Yield: 75 GPM

Depth Well:

440 feet

Depth Water:

180 feet

Water Bearing Stratifications:

**Bottom Description** Top

318

Top

432 Other/Unknown

**Casing Perforations:** 

**Bottom** 

296 440

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

<sup>\*</sup>UTM location was derived from PLSS - see Help



## 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

 $\mathbf{X}$ 

C 04693 POD1 NA

26S

3545930

**Driller License:** 1706 **Driller Company:** 

ELITE DRILLERS CORPORATION

**Driller Name:** 

**BRYCE WALLACE** 

02/20/2023

**Drill Finish Date:** 

02/20/2023

Plug Date:

02/20/2023

**Drill Start Date:** Log File Date:

03/23/2023

**PCW Rcv Date:** 

Source:

**Pump Type: Casing Size:**  Pipe Discharge Size:

**Estimated Yield:** Depth Water:

Depth Well:

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



NO	OSE POD NO. G-4693-PO		0.)	WELL TAG ID NO.		OSE FILE NO	4693			
OCATI	WELL OWNE					PHONE (OPTI-				
WELL L	WELL OWNE 5509 Cham					CITY Midland		TATE 79706	ZIP	
GENERAL AND WELL LOCATION	WELL	LA	DI		38.9832 <sub>N</sub>		REQUIRED: ONE TENTH	OF A SECOND		
ENER	(FROM GPS	LO	NGITUDE	103 49 O STREET ADDRESS AND COMMON LA	42.1422 W		QUIRED: WGS 84	E AVAII ARI E		
1.6	DESCRIPTION	, KLEFTI	NO WELL DOCKTION TO	STALL FABRESS AND COMMON EX	TEC	33 (32011011, 10	WYSDAL, KALYOL) WILL	is a valuable		
	LICENSE NO. WD 17	706	NAME OF LICENSED	DRILLER Bryce Wallace			NAME OF WELL DRILL Elite Dri	JNG COMPANY Illers Corporation		
	DRILLING ST 02/20/		DRILLING ENDED 02/20/23	DEPTH OF COMPLETED WELL (FT) 75	BORE HO	LE DEPTH (FT)	DEPTH WATER FIRST	ENCOUNTERED (FT)		
Z	COMPLETED	WELL IS:	ARTESIAN	DRY HOLE SHALLOW (	UNCONFINED)		WATER LEVEL PLETED WELL N/A	DATE STATIC N/		
ATIO	DRILLING FL		✓ AIR	MUD ADDITIVES			Lawrence			
ORM			ROTARY HAM!	MER CABLE TOOL OTHER-	- SPECIFY;	CHECK HERE IF PITLESS ADAPTER IS INSTALLED				
DRILLING & CASING INFORMATION	FROM	DEPTH (feet bgl) BORE HOLE FROM TO DIAM (inches)		(include each casing string, and		ASING NECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches	
G&CA			6	N/A	(nod soupling didition)					
DRILLIN							OSE OUT MAR	23 2023 pm2;	<del>0</del> 0	
2.										
	DEPTH (	feet bgl)	BORE HOLE	LIST ANNULAR SEAL	MATERIAL A	AND	AMOUNT	метно		
FERIAL	FROM	ТО	DIAM. (inches)	GRAVEL PACK SIZE-RA N/A	RVAL	(cubic feet)	PLACEN	MENT		
K MA										
3. ANNULAR MATERIAL										
-	OSE INTERN	4109	3-70D1	POD NO.	1	WR-20	WELL RECORD & I	LOG (Version 01/2	8/2022)	
00	ATION 5	in l		0.13.342		WELL TAG II	- 1		1 OF 2	

	DEPTH (f	eet bgl)			. Att att and a land	All three states		WATER	T	ESTIMATED
	FROM	то	THICKNESS (feet)	INCLUDE V	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)					YIELD FOR WATER- BEARING ZONES (gpm)
	0	2	2		BROWN TOP	SAND		Y / N	1	
	2	12	10		ROCKY CAL	ICHE		Y I	V	
	12	21	9		SANDY CAL	ICHE		Y / N	4	
	21	36	15		TAN SAND/GRAVI	EL (1/8" - 1")		Y 1	V	
	36	63	27		FINE RED S	AND		Y / N	V	
1	63	75	12		FINE REDDISH BR	OWN SAND		Y /1	N	
4. HYDROGEOLOGIC LOG OF WELL								Y N	V	
5								Y M	V	
3								Y N	V	
1								Y N	V	
3								Y N	7	
EO								Y	N	
2								Y M	V	
TX D								Y	V	
+								Y	N	
								Y N	N	
								Y	V	
								Y M	N	
								Y	N	
								Υ ١	V	
								Υ ١	N	-
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:  PUMP AIR LIFT BAILER OTHER - SPECIFY:						1 2 2 2 2 2	AL ESTIMATE		0.00
	WELL TEST  TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCL START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER									
5. IEST; KIG SUFERVISION			FORMATION:	VISOR(S) THAT	PROVIDED ONSITE SU	PERVISION OF WELL CO		I MAR 23 2		
6. SIGNALURE S. I	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE A CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINE AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:								A TRUE AN	
0. 34	1	SIGNA	TURE OF DRILLE	R / PRINT SIG	Bryce Wallace NEE NAME			03/10/23 DAT		
FO	R OSE INTER	NAL USE				WR-20 V	VELL REC	CORD & LOG	(Vers	sion 01/28/202
_	E NO.				POD NO.	TRN NO.				
10	CATION					WELL TAG ID N	0			PAGE 2 OF

Mike A. Hamman, P.E. State Engineer



koswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

### STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 739912 File Nbr: C 04693

Well File Nbr: C 04693 POD1

Mar. 23, 2023

OLIVIA DESSER EOG RESOURCES, INC 5509 CHAMPIONS DR MIDLAND, TX 79706

#### Greetings:

The above numbered permit was issued in your name on 01/04/2023.

The Well Record was received in this office on 03/23/2023, stating that it had been completed on 02/20/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 01/04/2024.

If you have any questions, please feel free to contact us.

Sincerely,

Maret Thompson (575)622-6521

drywell

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

### STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: File Nbr: 739912 C 04693

Well File Nbr: C 04693 POD1

Mar. 23, 2023

GALAN KELLEY
COLD PEAK ENVIORMENTAL, LLC
15 SMITH RD., SUITE 2008
MIDLAND, TX 79705

#### Greetings:

The above numbered permit was issued in your name on 01/04/2023.

The Well Record was received in this office on 03/23/2023, stating that it had been completed on 02/20/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 01/04/2024.

If you have any questions, please feel free to contact us.

Sincerely,

Maret Thompson (575) 622-6521

drywell

# Appendix B Photographic Log

**Photo Number:** 

1

**Photo Direction:** 

West

**Photo Description:** 



View of the affected area.

**Photo Number:** 

2

**Photo Direction:** 

South-Southeast

**Photo Description:** 

View of the affected area.



**Photo Number:** 

3

**Photo Direction:** South-Southeast

**Photo Description:** 

View of the affected area.



**Photo Number:** 

**Photo Direction:** 

West-Southwest

**Photo Description:** 

View of the affected area.



Photo Number: 5

Photo Direction:

East

Coordinates:

32.034082,-103.827710

**Photo Description:** 



View of the excavated area.

**Photo Number:** 

6

**Photo Direction:** 

South-Southeast

Coordinates:

32.034114,-103.828064

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

7

**Photo Direction:** 

South-Southeast

**Coordinates:** 

32.034113,-103.828040

**Photo Description:** 



View of the excavated area.

**Photo Number:** 

8

**Photo Direction:** 

Southeast

Coordinates:

32.034099,-103.828063

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

9

Photo Direction:

East

**Coordinates:** 

32.033917,-103.828001

**Photo Description:** 



View of the excavated area.

**Photo Number:** 

10

**Photo Direction:** 

East

Coordinates:

32.033909,-103.827579

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

11

**Photo Direction:** 

East

**Coordinates:** 

32.033912,-103.827789

**Photo Description:** 



View of the remediated area after backfill and regrading.

**Photo Number:** 

12

**Photo Direction:** 

Northeast

**Coordinates:** 

32.033869,-103.828035

**Photo Description:** 

View of the remediated area after backfill and regrading.



**Photo Number:** 

13

**Photo Direction:** 

East-Northeast

**Coordinates:** 

32.033895,-103.828125

**Photo Description:** 



View of the remediated area after backfill and regrading.

**Photo Number:** 

14

**Photo Direction:** 

South-Southwest

**Coordinates:** 

32.034113,-103.828040

**Photo Description:** 

View of the remediated area after backfill and regrading.



# **Appendix C Field Data**





# Environmental & Safety Solutions, Inc.

## Sample Log

Date:	

Project:	Lindale 24/25	W1AH Fed	Com 1H	Battery
----------	---------------	----------	--------	---------

Project Number: 19894 Latitude: 32.033997 Longitude: -103.827647

Sample ID	PID/Odor	Chloride Conc.	GPS
Ew /	~	224	
5w /	-	M	
Fl-1 01'	-	368	
NW /	_	408	
FL-201	-	4572	
FL-202'	_	968	
Fl-2@3'	-	ND	
SW 2	-	1372	
Fl-3 @ 3	~	408	
FL-4 @ 3'	-	90%	
BSWa	-	168	
NW 2	-	256	
FL-5. @3'	-	452	
El-1 62	-	712	
Sw 3°	-	1932	
Fl-6@3'	-	<b>6</b> 00	
SW3	-	196	
Fl-604'	-	500	
Fl-964'	-	368	
FL-864'	-	408	
FL-864' FL-864'		408 256	
5w4	-	292	
NW3	-	368	
FL-10 @ 2	-	408	
Fl-10@3° Sw test	_	408	
NW 4	_	548	
FL tost @ 2' Fl-D@2'	_	408	
FL test @ 2'	-	548	
61W1	_	40%	
FL-11 @ 2'	-	552	
FL-13@2'	-	552	
WW 2	-	368	
Fl -14 @ 2°	-	368	
12-1502	_	228	
FL-16 @ 2'	-	552	
FL-1762'	-	604	

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	W1AH Fed Com	1H Battery				
Project Nu	mher:	19894	Latitude:	32.033997	Longitude:	-103.827647	

Sample ID	PID/Odor	Chloride Conc.	GPS
NW5	-	368	
NW6	-	480	
FL-17 @ 3'	-	1228	
FL-18 @ 2'	_	980	
Fl-18 03'	~	368	
Fl-19 @1	-	1,408	
Fl-19 @ 2'	-	368 1408 552	
F1-20 6,11	-	1,860	
F1-20 G 2'	-	980	
t1- 30 6 2,	-	4/2	
SW S	-	412 548	
	-		
Ew 2	-	552	

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** 

# Appendix D Laboratory Analytical Reports



March 19, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: LINDALE 24 / 25 W1AH FED COM 1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/18/24 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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

A ..... I ..... . J D. ... 711

Received: 03/18/2024 Reported: 03/19/2024

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA

Project Number: 19583

Project Location: MEWBOURNE 32.033997-103.827647

Sampling Date: 03/18/2024

Sampling Type: Soil

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

### Sample ID: FL 1 @ 1' (H241387-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.76	88.1	2.00	7.81	
Toluene*	<0.050	0.050	03/18/2024	ND	1.84	92.2	2.00	7.96	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	1.79	89.6	2.00	8.14	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	5.52	92.1	6.00	7.77	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	117 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

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Celey & Freene



### Analytical Results For:

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

Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA' Sampling Condition: Cool & Intact
Project Number: 19583 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

### Sample ID: FL 2 @ 3' (H241387-02)

BTEX 8021B

DILX OUZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.76	88.1	2.00	7.81	
Toluene*	<0.050	0.050	03/18/2024	ND	1.84	92.2	2.00	7.96	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	1.79	89.6	2.00	8.14	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	5.52	92.1	6.00	7.77	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA Sampling Condition: Cool & Intact Project Number: 19583 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.033997-103.827647

### Sample ID: FL 3 @ 3' (H241387-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.76	88.1	2.00	7.81	
Toluene*	<0.050	0.050	03/18/2024	ND	1.84	92.2	2.00	7.96	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	1.79	89.6	2.00	8.14	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	5.52	92.1	6.00	7.77	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	120 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

\*=Accredited Analyte

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Celey D. Keene

Cardinal Laboratories



### Analytical Results For:

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

Analyzed By: JH

Received: 03/18/2024 Reported: 03/19/2024

Sampling Date: 03/18/2024 Sampling Type: Soil

Project Name: LINDA Project Number: 19583

LINDALE 24 / 25 W1AH FED COM 1H BA' Sampling Condition: Cool & Intact
19583 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

### Sample ID: FL 4 @ 3' (H241387-04)

BTEX 8021B

DILX GOZID	11197	ng .	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.76	88.1	2.00	7.81	
Toluene*	<0.050	0.050	03/18/2024	ND	1.84	92.2	2.00	7.96	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	1.79	89.6	2.00	8.14	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	5.52	92.1	6.00	7.77	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	Chloride, SM4500Cl-B mg/kg		Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	123	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA' Sampling Condition: Cool & Intact
Project Number: 19583 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

### Sample ID: FL 5 @ 3' (H241387-05)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.76	88.1	2.00	7.81	
Toluene*	<0.050	0.050	03/18/2024	ND	1.84	92.2	2.00	7.96	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	1.79	89.6	2.00	8.14	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	5.52	92.1	6.00	7.77	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	119	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Analyzed By: JH

Received: 03/18/2024 Reported: 03/19/2024 Sampling Date: 03/18/2024 Sampling Type: Soil

Project Name:

BTEX 8021B

LINDALE 24 / 25 W1AH FED COM 1H BA

Sampling Condition: Cool & Intact

Project Number: 19583

Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

### Sample ID: FL 6 @ 4' (H241387-06)

DIEX GOZID	9/	<u> </u>	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.76	88.1	2.00	7.81	
Toluene*	<0.050	0.050	03/18/2024	ND	1.84	92.2	2.00	7.96	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	1.79	89.6	2.00	8.14	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	5.52	92.1	6.00	7.77	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg		'kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Received: 03/18/2024 Reported:

Sampling Date: 03/18/2024 03/19/2024 Sampling Type: Soil

Project Name:

LINDALE 24 / 25 W1AH FED COM 1H BA Sampling Condition: Cool & Intact Project Number: Sample Received By: 19583 Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

### Sample ID: FL 7 @ 4' (H241387-07)

BTEX 8021B

DIEX GOZID	11197	<u>ng</u>	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.76	88.1	2.00	7.81	
Toluene*	<0.050	0.050	03/18/2024	ND	1.84	92.2	2.00	7.96	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	1.79	89.6	2.00	8.14	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	5.52	92.1	6.00	7.77	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg		'kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	115 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 03/18/2024 Reported: 03/19/2024 Sampling Date: 03/18/2024 Sampling Type: Soil

Project Name:

LINDALE 24 / 25 W1AH FED COM 1H BA

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

Project Number: 19583

Project Location: MEWBOURNE 32.033997-103.827647

### Sample ID: FL 8 @ 4' (H241387-08)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.76	88.1	2.00	7.81	
Toluene*	<0.050	0.050	03/18/2024	ND	1.84	92.2	2.00	7.96	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	1.79	89.6	2.00	8.14	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	5.52	92.1	6.00	7.77	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	hloride, 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	03/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	122	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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### Analytical Results For:

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

Analyzed By: JH

Received: 03/18/2024 Reported: 03/19/2024 Sampling Date: 03/18/2024 Sampling Type: Soil

Project Name:

BTEX 8021B

LINDALE 24 / 25 W1AH FED COM 1H BA

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

Project Number: 19583

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

### Sample ID: FL 9 @ 2' (H241387-09)

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.76	88.1	2.00	7.81	
Toluene*	<0.050	0.050	03/18/2024	ND	1.84	92.2	2.00	7.96	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	1.79	89.6	2.00	8.14	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	5.52	92.1	6.00	7.77	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
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	03/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received: 03/18/2024 Reported: 03/19/2024 Sampling Date: 03/18/2024 Sampling Type: Soil

Project Name:

LINDALE 24 / 25 W1AH FED COM 1H BA

Project Number: 19583 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.033997-103.827647

### Sample ID: FL 10 @ 2' (H241387-10)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.76	88.1	2.00	7.81	
Toluene*	<0.050	0.050	03/18/2024	ND	1.84	92.2	2.00	7.96	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	1.79	89.6	2.00	8.14	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	5.52	92.1	6.00	7.77	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

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

Analyzed By: JH

Received: 03/18/2024 Reported:

Sampling Date: Sampling Type: Soil

03/18/2024

Project Name:

03/19/2024 LINDALE 24 / 25 W1AH FED COM 1H BA

mg/kg

Sampling Condition:

Cool & Intact

Project Number:

BTEX 8021B

19583

Sample Received By:

Tamara Oldaker

Project Location:

MEWBOURNE 32.033997-103.827647

### Sample ID: FL 11 @ 2' (H241387-11)

DIEX GOZID	11197	<del>Ng</del>	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	115 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	6 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA' Sampling Condition: Cool & Intact
Project Number: 19583 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

### Sample ID: FL 12 @ 2' (H241387-12)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	125	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA Sampling Condition: Cool & Intact Project Number: 19583 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.033997-103.827647

### Sample ID: FL 13 @ 2' (H241387-13)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	120	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



Tamara Oldaker

### Analytical Results For:

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

Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024 Sampling Type: Soil Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA Sampling Condition: Cool & Intact

Project Number: Sample Received By: 19583

Project Location: MEWBOURNE 32.033997-103.827647

### Sample ID: FL 14 @ 2' (H241387-14)

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA' Sampling Condition: Cool & Intact
Project Number: 19583 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

### Sample ID: FL 15 @ 2' (H241387-15)

BTEX 8021B

DIEX GOZID	1119/	<u>ng</u>	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	116 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Analyzed By: JH

Received: 03/18/2024 Reported: 03/19/2024 Sampling Date: 03/18/2024 Sampling Type: Soil

Project Name:

Project Location:

BTEX 8021B

LINDALE 24 / 25 W1AH FED COM 1H BA

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

Project Number:

19583 MEWBOURNE 32.033997-103.827647

mg/kg

Sample ID: FL 16 @ 2' (H241387-16)

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	122	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA' Sampling Condition: Cool & Intact
Project Number: 19583 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.033997-103.827647

### Sample ID: FL 17 @ 3' (H241387-17)

BTEX 8021B

DILX GOZID	ilig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	119	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA' Sampling Condition: Cool & Intact
Project Number: 19583 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

### Sample ID: FL 18 @ 3' (H241387-18)

BTEX 8021B

DIEX GOZID	1119/	, kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA Sampling Condition: Cool & Intact Project Number: 19583 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.033997-103.827647

### Sample ID: FL 19 @ 2' (H241387-19)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	119 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA Sampling Condition: Cool & Intact Project Number: 19583 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.033997-103.827647

### Sample ID: FL 20 @ 5' (H241387-20)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	212	106	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	0.0968	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA' Sampling Condition: Cool & Intact
Project Number: 19583 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

### Sample ID: NW 1 (H241387-21)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	87.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.6	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

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

Received: 03/18/2024 Reported:

Sampling Date: 03/18/2024 03/19/2024 Sampling Type: Soil

Project Name:

LINDALE 24 / 25 W1AH FED COM 1H BA Sampling Condition: Cool & Intact Project Number: 19583 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

### Sample ID: NW 2 (H241387-22)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.0	% 49.1-14	8						

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### Analytical Results For:

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

Analyzed By: JH

Received: 03/18/2024 Reported: 03/19/2024 Sampling Date: 03/18/2024

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA

Sampling Type: Soil

Project Number: 19583

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

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

### Sample ID: NW 3 (H241387-23)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/18/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA Sampling Condition: Cool & Intact Project Number: 19583 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.033997-103.827647

### Sample ID: NW 4 (H241387-24)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/19/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/19/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.5	% 49.1-14	8						

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### Analytical Results For:

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

Received: 03/18/2024 Reported:

Sampling Date: 03/18/2024 03/19/2024 Sampling Type: Soil LINDALE 24 / 25 W1AH FED COM 1H BA Sampling Condition: Cool & Intact

Project Name:

Project Number: Sample Received By: Tamara Oldaker 19583

Analyzed By: JH

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

### Sample ID: NW 5 (H241387-25)

BTEX 8021B

DILX GOZID	mg/ kg		Andryzo	Analyzed by: 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/19/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/19/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	97.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

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### Analytical Results For:

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

Analyzed By: JH

Received: 03/18/2024 Reported: 03/19/2024 Sampling Date: 03/18/2024 Sampling Type: Soil

Project Name:

Project Location:

BTEX 8021B

LINDALE 24 / 25 W1AH FED COM 1H BA

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

Project Number: 19583

MEWBOURNE 32.033997-103.827647

mg/kg

Sample ID: NW 6 (H241387-26)

DIEX GOZID	mg/ kg		Analyzed by: 311						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/19/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/19/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

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### Analytical Results For:

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

Analyzed By: JH

Received: 03/18/2024 Reported: 03/19/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024
Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA

Sampling Type: Soil

Project Number: 19583

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

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

Sample ID: EW 1 (H241387-27)

BTEX 8021B

DILX GOZID	ilig/ kg		Andryzo	Allulyzeu by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/19/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/19/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

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### Analytical Results For:

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

Received: 03/18/2024 Reported: 03/19/2024 Sampling Date: 03/18/2024 Sampling Type: Soil

Project Name:

LINDALE 24 / 25 W1AH FED COM 1H BA

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

Project Number: 19583

Project Location: MEWBOURNE 32.033997-103.827647

### Sample ID: EW 2 (H241387-28)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/19/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/19/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 03/18/2024 Reported:

Sampling Date: 03/18/2024 03/19/2024 Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA Project Number: 19583

Project Location: MEWBOURNE 32.033997-103.827647 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: WW 1 (H241387-29)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/19/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	<0.050	0.050	03/19/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	92.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 03/18/2024 Reported: 03/19/2024

LINDALE 24 / 25 W1AH FED COM 1H BA

Project Name: Project Number: 19583

Project Location: MEWBOURNE 32.033997-103.827647 Sampling Date: 03/18/2024

Sampling Type: Soil

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

### Sample ID: WW 2 (H241387-30)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	1.94	96.9	2.00	14.2	
Toluene*	<0.050	0.050	03/19/2024	ND	1.94	96.9	2.00	16.4	
Ethylbenzene*	< 0.050	0.050	03/19/2024	ND	2.02	101	2.00	14.2	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.05	101	6.00	13.7	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	75.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.5	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Analyzed By: JH

Received: 03/18/2024 Reported: 03/19/2024 Sampling Date: 03/18/2024

Project Name:

Sampling Type: Soil

LINDALE 24 / 25 W1AH FED COM 1H BA Project Number: 19583

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

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

Sample ID: SW 1 (H241387-31)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	2.03	101	2.00	10.8	
Toluene*	<0.050	0.050	03/18/2024	ND	1.98	99.2	2.00	6.74	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.04	102	2.00	4.81	QR-03
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.11	102	6.00	3.45	QR-03
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.9	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Analyzed By: 14

Received: 03/18/2024 Reported: 03/19/2024

 03/18/2024
 Sampling Date:
 03/18/2024

 03/19/2024
 Sampling Type:
 Soil

 LINDALE 24 / 25 W1AH FED COM 1H BA
 Sampling Condition:
 Cool & Intact

Project Name: LINDA Project Number: 19583

Project Location: MEWBOURNE 32.033997-103.827647

ma/ka

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

Sample ID: SW 2 (H241387-32)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	2.03	101	2.00	10.8	
Toluene*	<0.050	0.050	03/18/2024	ND	1.98	99.2	2.00	6.74	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.04	102	2.00	4.81	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.11	102	6.00	3.45	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.1	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received: 03/18/2024 Reported: 03/19/2024 Sampling Date: 03/18/2024 Sampling Type: Soil

Project Name:

LINDALE 24 / 25 W1AH FED COM 1H BA

Sampling Condition: Cool & Intact

Project Number: 19583 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.033997-103.827647

### Sample ID: SW 3 (H241387-33)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	2.03	101	2.00	10.8	
Toluene*	<0.050	0.050	03/18/2024	ND	1.98	99.2	2.00	6.74	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.04	102	2.00	4.81	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.11	102	6.00	3.45	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/19/2024	ND	464	116	400	7.14	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.9	% 49.1-14	8						

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Celey D. Keene



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:

Гах

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/19/2024 Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA' Sampling Condition: Cool & Intact
Project Number: 19583 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

# Sample ID: SW 4 (H241387-34)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	2.03	101	2.00	10.8	
Toluene*	<0.050	0.050	03/18/2024	ND	1.98	99.2	2.00	6.74	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.04	102	2.00	4.81	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.11	102	6.00	3.45	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/19/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.7	% 49.1-14	8						

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Celey D. Keine

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:

Analyzed By: JH

Received: 03/18/2024 Reported: 03/19/2024 Sampling Date: 03/18/2024

Sampling Type: Soil

Project Name: LINDALE 24 / 25 W1AH FED COM 1H BA'
Project Number: 19583

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

Project Number: 19583

Project Location: MEWBOURNE 32.033997-103.827647

mg/kg

# Sample ID: SW 5 (H241387-35)

BTEX 8021B

	9/	9	7.1.4.7.2	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	2.03	101	2.00	10.8	
Toluene*	<0.050	0.050	03/18/2024	ND	1.98	99.2	2.00	6.74	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.04	102	2.00	4.81	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.11	102	6.00	3.45	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/19/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	200	99.9	200	0.0240	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	200	99.8	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Kreine

Celey D. Keene, Lab Director/Quality Manager



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

# **Notes and Definitions**

QR-04 The RPD for the BS/BSD was outside of historical limits.

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager

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# Received by OCD: 5/21/2024 3:05:23 PM

RDINAL LABORATORIES

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	e: Etech Environmental & Safety Solu	tions	s, Inc	).			П			BI	LL TO					ANALYSIS REQUEST
Project Manage	er: Lance Crenshaw						Ī	P.O	#:							
Address: 261	17 West Marland							Con	npa	ny	SEE REM	IARKS	1			
City: Hobbs	State: NM	Zip	: 88	240				Attn	1:				1			
Phone #: (57	5) 264-9884 Fax #:							Add	ires	s:			1			
Project #: 198	583 Project Owne	r:	Me	wbo	urne			City					1			
Project Name:	Lindale 24/25 W1AH Fed Com 1H Batt	ery					_	_		NM	Zin:			E	9	
	n: 32.033997, -103.827647	_						-	ne i		E.p.		Ę	26	(8021B)	
Sampler Name:							_	Fax					Chloride	TPH (8015M)	×	
FOR LAB USE ONLY		Т	Т		MAT	(RI)	_	-		SERV.	SAMPL	ING	l°	르	ВТЕХ	
Lab I.D. <i>i</i>	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME				
1	FL 1 @ 1'	С	1		X			Т	$\overline{}$	X	3/18/24		Х	Х	Х	
Z	FL 2 @ 3'	С	1		X					X	3/18/24		Х	Х	Х	
3	FL 3 @ 3'	С	1		X					X	3/18/24		Х	Х	Х	
	FL 4 @ 3'	С	1		X			I		X	3/18/24		Х	Х	Х	
5	FL 5 @ 3'	С	1		X					X	3/18/24		Х	Х	Х	
6	FL 6 @ 4'	С	1		X					X	3/18/24		Х	Х	Х	
フ	FL 7 @ 4'	С	1		X					X	3/18/24		Х	Х	Х	
8	FL 8 @ 4'	С	1		X					X	3/18/24		Х	Х	Х	
9	FL 9 @ 2'	С	1		X					X	3/18/24		Х	Х	Х	
	FL 10 @ 2'	С	1		X					X	3/18/24		Х	Х	Х	
analyses. All claims includ service. In no event shall C	7/10 Time: 445	doeme g willhou ardina	ed web at timble i, regar	ed unles don, but	whether:	will multi	ng and r	receive no of u	ed by C	Cordinal v loss of pr	office incurred by o	Phone Re Fax Resul REMARK:	se application, se. esult: lt: S:		PLE	
	: (Circle One)	4/4	40	C [	ample ool Yes	Inta	Yes		0		(ED BY:	charges	to Et	ech (	0/0 La	to Mewbourne C/O Connor Walker and rush ance Crenshaw. copy of CoC to pm@etechenv.com.

FORM-006 Revision 1.0

Page 39 of 41

# Received by OCD: 5/21/2024 3:05:23 PM

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY A	AND ANALY	YSIS	REQUEST
--------------------	-----------	------	---------

Company Nam	(575) 393-2326 FAX (575) 393-2 e: Etech Environmental & Safety Solu		Inc		_				R	LL TO					ANALYSIS REQUEST
Project Manage		10110	, 1110	•			P	.0. #		44 10				Т	T T T T T T T T T T T T T T T T T T T
	17 West Marland			-			+								
City: Hobbs	State: NM	Zip	: 882	240			_	omp ttn:	oany	SEE REM	ARKS			1	
	'5) 264-9884	р				_	_					ı			
Project #: 19		p+	Me	wbou	rne		_	ddre	ess:					1	
	Lindale 24/25 W1AH Fed Com 1H Batte		IVIC	WDOU	IIIC	_	_	ity:					S .	<u>a</u>	
		эгу				_			: NM	Zip:		ig	TPH (8015M)	BTEX (8021B)	
	on: 32.033997, -103.827647						_	hone				Chloride	8	®	
Sampler Name	: Aaron Rios	_			MATE	DIV	F	ax #	: RESERV	CAMPI	NC .	ਹ	[ 푼	E	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	MATE	OIL	SLUDGE OTHER	ij			TIME				
7	FL 11 @ 2'	С	1		Х			Т	Х	3/18/24		Х	Х	Х	
	FL 12 @ 2'	С	1		X				X	3/18/24		Х	Х	Х	
	FL 13 @ 2'	C	1		X				X	3/18/24		Х	Х	Х	
14	FL 14 @ 2'	С	1		X				X	3/18/24		Х	Х	Х	
15	FL 15 @ 2'	С	1		X				X	3/18/24		Х	Х	Х	
14	FL 16 @ 2'	С	1		X				X	3/18/24		Х	Х	Х	
17	FL 17 @ 3'	С	1		X				X	3/18/24		Х	Х	Х	
18	FL 18 @ 3'	С	1		X				X	3/18/24		Х	Х	Х	
19	FL 19 @ 2'	С	1		X				X	3/18/24		Х	Х	Х	
20	F-L 20 @ 5'	С	1		X			$\perp$	X	3/18/24		Х	X	X	
service. In no event shall affiliates or successor air Relinquisped F	3-18-24 Time: 445	Re	l, regar	ed By	hees inter	concentracy	lition	of use,	crices of poor any of t	(ED BY: tials)	offent, the exhelition second of affinesia Phone Rei Fax Resul REMARKS RUSH Bill analy charges	sult: t: S:  H S / ytical to Et	Ye Ye	PLE ges to	Add'l Phone #: No Add'l Fax #:  So Mewbourne C/O Connor Walker and rush ance Crenshaw. Copy of CoC to pm@etechenv.com.

Page 40 of 41

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

# RDINAL LABORATORIES

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

Company Name	: Etech Environmental & Safety S	olution	s, In	C.					B	ILL TO						ANALYSIS REQUEST
Project Manage	r: Lance Crenshaw						P.	O. #	:							
Address: 261	7 West Marland						Co	mp	any	SEE RE	MARKS	$\Box$				
City: Hobbs	State: NM	Zij	: 88	3240			At	tn:								
Phone #: (57	5) 264-9884 Fax #:						Ad	idre	ss:							
Project #: 198	583 Project Ov	ner:	M	ewbour	ne		Cit	tv:								
Project Name:	Lindale 24/25 W1AH Fed Com 1H B	attery					1	_	NM	Zip:				(WS	(8021B)	
Project Locatio	n: 32.033997, -103.827647							one		•			Chloride	TPH (8015M)	802	
Sampler Name:	Aaron Rios						1	x #:				$\neg$	충	H	BTEX	
FOR LAB USE ONLY			T		MATRI	X		-	ESER	V. SAMP	LING	$\neg$		F	BT	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	AN	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	DATE	TIM	E				
	NW 1	С	1		х				Х	3/18/24		$\neg$	Х	Х	Х	
22	NW 2	С	1		Х				X	3/18/24			Х	Х	Х	
	NW 3	С	1		X				X	3/18/24			Х	Х	Х	
24	NW 4	С	1		X				X	3/18/24			Х	Х	Х	
25	NW 5	С	1		X				X	3/18/24			Χ	Х	Х	
36	NW 6	С	1		X				X	3/18/24			Х	Х	Х	
27	EW 1	С	1		X				X	3/18/24		_	Х	Х	Х	
	EW 2	С	1		X				X	3/18/24		_	Х	Х	Х	
	WW 1	С	1		Х	_		Ш	X	3/18/24	_	4	Х	Х	Х	
30	WW 2	С	-		Х				X	3/18/24			Х	Х	X	
analyses. All claims includ service. In no event shall C affiliates or successors arts	nd Damages. Cardinal's liability and client's exclusive remedying liscee for negligence and any other cause whetevewer is audinal be liable for incidental or consequential damages, incling out of or related to the performance of services hereunde	il be deem luding with	ed wah sut limit	red unless m intion, busine	ado in wri	ling an plions,	d rece loss o	ived by fuse, c	y Cardin or loss o	al within 30 days a profits incurred to	Nor completion y client, its sub	n of the s poldlaries	applicab	ole		
Relinquished B	Time: 144	4		ved By:	wer	a	L	U	la.	Lye	Phone Fax Re REMA	esult:		□ Ye		No Add'I Phone #: No Add'I Fax #:
incilliquistied D	Time:		ecei	veu by.								nalyt	tical	char	ges to	o Mewbourne C/O Connor Walker and rush
Delivered By	: (Circle One)	#1	40		ple Co		ion			CKED BY:						ance Crenshaw.
Sampler - UPS	- Bus - Other: -7.20				Yes [	Ye	s	-		D_	Pleas	e em	nail re	esults	and	copy of CoC to pm@etechenv.com.

FORM-006 Revision 1.0

Received by OCD: 5/21/2024 3:05:23 PM

Page 41 of 41



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	e: Etech Environme	ental & Safety Solu	tions	, Inc	).					B	ILL TO		N. N.			ANALYSIS REQUEST
Project Manage	er: Lance Crenshaw	V						F	.0. #	t:						
Address: 26	17 West Marland							c	omp	any	SEE REM	MARKS	1			
City: Hobbs		State: NM	Zip	: 88	240			A	ttn:				1			
Phone #: (57	5) 264-9884	Fax #:						A	ddre	ss:			1			
Project #: 19	583	Project Owne	r:	Me	wboi	ırne		c	ity:				1			
roject Name:	Lindale 24/25 W1AH	Fed Com 1H Batte	егу							NM	Zip:			E	(8021B)	
roject Locatio	n: 32.033997, -103	.827647							hone				Ę	9	802	
ampler Name:	Aaron Rios							-	ax #				Chloride	TPH (8015M)	×	
FOR LAB USE ONLY			Т	Г		MA	TRIX	_		ESER\	/. SAMPL	ING	1 "	1	ВТЕХ	
Lab I.D. <i>Ha413</i> 87	Sample	) I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL V	DATE	TIME				
31	SW 1		С	1		X			Т	Х	3/18/24		Х	Х	Х	
32	SW 2		С	1		X				X	3/18/24		Х	Х	Х	
33	SW 3		С	1		X				х	3/18/24		Х	Х	Х	
34	SW 4		С	1		X				X	3/18/24		Х	Х	Х	
35	SW 5		С	1		X			+	X	3/18/24		Х	Х	Х	
alyses. All claims includ rvice. In no event shall C filiates or successors ass	nd Damages. Cardinal's liability and ing those for negligence and any oil ardinal be flable for incidental or co ing out of or related to the performa	her cause whateoever shall be onsequental damages, including	deame	d wahe t limits	d unless don, busi	made i ness int	n walling	and re	of use,	or loss of	within 30 days all profits incurred by	nr completion of t client, its subsidia easons or otherwi	he applicat ries, se.			
elinquished B	toho	Date: 3-18-24 Time: 1445			red B	111	ar		de	la	K	Phone Re Fax Resu REMARK	lt:	□ Ye		No Add'l Phone #: No Add'l Fax #:
elinquished B	y:	Date:	Re	cen	ed B	<b>y</b> :						RUSI Bill anal				S o Mewbourne C/O Connor Walker and rush
	: (Circle One) - Bus - Other:	-7.25	4/4	10	Co	Yes	Con	Yes	0	(In	KED BY:	charges	to Et	ech C	/O La	ance Crenshaw. copy of CoC to pm@etechenv.com.

FORM-006 Revision 1.0

# Appendix E Regulatory Correspondence

From: OCDOnline@state.nm.us

To: <u>Connor Walker</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 322904

**Date:** Wednesday, March 13, 2024 10:47:26 AM

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#) nAPP2406731234.

The sampling event is expected to take place:

**When:** 03/18/2024 @ 09:00

**Where:** A-24-26S-30E 0 FNL 0 FEL (32.033988,-103.827985)

**Additional Information:** Sample Tech: Aaron Rios

Phone: 432-701-8602, aaronr@etechenv.com

**Additional Instructions:** From the intersection of Pipeline Rd and Buck Jackson Rd (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 E for 1.40 mi, then SW for 0.09 mi to arrive at the Lindale 24-25 W1AH Fed Com 1H Battery (32.033997, -103.827647).

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: OCDOnline@state.nm.us

To: <u>Connor Walker</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 322906

**Date:** Wednesday, March 13, 2024 10:48:40 AM

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#) nAPP2406731234.

The sampling event is expected to take place:

**When:** 03/19/2024 @ 09:00

**Where:** A-24-26S-30E 0 FNL 0 FEL (32.033988,-103.827985)

**Additional Information:** Sample Tech: Aaron Rios

Phone: 432-701-8602, aaronr@etechenv.com

**Additional Instructions:** From the intersection of Pipeline Rd and Buck Jackson Rd (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 E for 1.40 mi, then SW for 0.09 mi to arrive at the Lindale 24-25 W1AH Fed Com 1H Battery (32.033997, -103.827647).

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: OCDOnline@state.nm.us

To: <u>Connor Walker</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 322907

**Date:** Wednesday, March 13, 2024 10:49:56 AM

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#) nAPP2406731234.

The sampling event is expected to take place:

**When:** 03/20/2024 @ 09:00

**Where:** A-24-26S-30E 0 FNL 0 FEL (32.033988,-103.827985)

**Additional Information:** Sample Tech: Aaron Rios

Phone: 432-701-8602, aaronr@etechenv.com

**Additional Instructions:** From the intersection of Pipeline Rd and Buck Jackson Rd (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 E for 1.40 mi, then SW for 0.09 mi to arrive at the Lindale 24-25 W1AH Fed Com 1H Battery (32.033997, -103.827647).

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

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

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

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

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

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

QUESTIONS

Action 346428

# **QUESTIONS**

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	346428
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2406731234
Incident Name	NAPP2406731234 LINDALE 2425 W1AH FED COM #1H BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2125750014] LINDALE 24/25 W1AH FED COM #1H BATTERY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Lindale 2425 W1AH Fed Com #1H Battery
Date Release Discovered	02/23/2024
Surface Owner	Federal

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

Nature and Volume of Release Material(s) released, please answer all that apply below. Any calculations or specific justifications	for the volumes provided should be attached to the follow-up C-141 submission
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 34 BBL   Recovered 10 BBL   Lost: 24 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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Phone:(505) 334-6178 Fax:(505) 334-6170

<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505

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

QUESTIONS, Page 2

Action 346428

Phone:(505) 476-3470 Fax:(505) 476-3462	
QUESTI	IONS (continued)
Operator:  MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:  14744  Action Number: 346428  Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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 s	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	Liation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
	Name: Connor Walker

Title: Senior Engineer

Date: 03/07/2024

Email: cwalker@mewbourne.com

I hereby agree and sign off to the above statement

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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

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

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

QUESTIONS, Page 3

Action 346428

# **QUESTIONS** (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	346428
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	Estimate or Other	
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 1000 (ft.) and ½ (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (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 ½ and 1 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1000 (ft.) and ½ (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)	
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	
Please answer all the questions that apply or are indicated. This information must be provide	ed to the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamin	nation associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, ir	n milligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	352
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	30
GRO+DRO (EPA SW-846 Method 8015M)	20
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes comp which includes the anticipated timelines for beginning and completing the remediation.	pleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	03/12/2024
On what date will (or did) the final sampling or liner inspection occur	03/18/2024
On what date will (or was) the remediation complete(d)	03/26/2024
What is the estimated surface area (in square feet) that will be reclaimed	4182
What is the estimated volume (in cubic yards) that will be reclaimed	411
What is the estimated surface area (in square feet) that will be remediated	4182
What is the estimated volume (in cubic yards) that will be remediated	840
These estimated dates and measurements are recognized to be the best guess or calculation	at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed remediation measures may have to be minimally adjusted	d 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.

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 <u>District II</u> 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

Phone:(5/5) /48-1283 Fax:(5/5) /48-9/20 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 476-3470 Fax:(505) 476-3462

Phone:(505) 334-6178 Fax:(505) 334-6170 <u>District IV</u>
1220 S. St Francis Dr., Santa Fe. NM 87505 State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 346428

## QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	346428
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 Red Bluff
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement

Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 05/21/2024

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

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

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

QUESTIONS, Page 5

Action 346428

## **QUESTIONS** (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	346428
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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

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

QUESTIONS, Page 6

Action 346428

<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	a Fe, NM 87505
OUEST	IONS (continued)
Operator:  MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:  14744  Action Number: 346428  Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	, , , , , , , , , , , , , , , , , , , ,
Sampling Event Information	
Last sampling notification (C-141N) recorded	322907
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/20/2024
What was the (estimated) number of samples that were to be gathered	30
What was the sampling surface area in square feet	4473
Remediation Closure Request  Only answer the questions in this group if seeking remediation closure for this release because all respectively. Requesting a remediation closure approval with this submission.  Have the lateral and vertical extents of contamination been fully delineated.	remediation steps have been completed.  Yes  Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	4182
What was the total volume (cubic yards) remediated	840
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Please refer to attached closure report for complete details on remediation activities.
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents o
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 repo	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface rt does not relieve the operator of responsibility for compliance with any other federal, state, or tially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ing notification to the OCD when reclamation and re-vegetation are complete.
	Name: Connor Walker

Title: Senior Engineer I hereby agree and sign off to the above statement Email: cwalker@mewbourne.com Date: 05/21/2024

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

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

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

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

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

QUESTIONS, Page 7

Action 346428

<b>QUESTIONS</b>	(continued)
QUESTIONS!	(COHUH IUCU)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	346428
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

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

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CONDITIONS

Action 346428

# **CONDITIONS**

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	346428
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2406731234 LINDALE 2425 W1AH FED COM #1H BATTERY, thank you. This Remediation Closure Report is approved.	5/22/2024