

Oil or Water Spill TO SOIL Volume Spreadsheet

Calculator Updated 6/2/2008

INPUT FIELDS
OUTPUT
RESULT

Location:	Double X Fed No. 4 LACT
GPS Coordinates:	32.194614, -103.629741
Spill Date:	10/28/2024
Spill Time:	

Length of Spill=	214.00	feet
Width of Spill=	25.00	feet
Saturation (or depth) of Spill=	2.00	inches

OR

Area=		ft ²
Saturation (or depth) of Spill=		inches

OR

Soil Volume=		yd ³
--------------	--	-----------------

Use only one method

Oil Cut=	100.00	% Oil
Porosity Factor=	0.15	

Soil Volume=	33.02	yd ³
Total Oil in Soil=	23.82	barrels
Total Produced Water in Soil=	-	barrels

Types of Soil	Porosity Factor
Gravel	0.25
Sand	0.20
Clay/silt/sand Mix	0.15
Clay	0.05
Caliche	0.03
Unknown	0.25

Location ->

On GlobalShare -> US Production Forms GlobalShare -> Library -> By Category 1 -> Environmental & Regulatory -> Spills -> Spill Calculators
[HyperLink to Location on GlobalShare](#)

On Intranet -> RSO HomePage -> Environmental & Regulatory -> Spills / SPCC Plans -> USP Water / Land Spill Volume Calculator
[HyperLink to Location on Intranet](#)



March 26, 2026

New Mexico Oil Conservation Division

506 W. Texas Ave
Artesia, NM 88210

RE: **Double X 25 Fed No. 4 Lact - Site Characterization & Remediation Plan**

Incident Number: nAPP2430350715

GPS: 32.194614°, -103.629741°

Lea County, New Mexico

ESRR Project No. VP-9249

To Whom It May Concern:

Earth Systems Response & Restoration (ESRR), on behalf of Energy Transfer (ETC), presents the following Site Characterization & Remediation Plan (SCRP) detailing proposed soil sampling activities and a scope of work to address soil impacts associated with an inadvertent release of crude oil at the Double X 25 Fed No. 4 Lact (Site). ETC proposes this SCR, detailing remediation objectives to mitigate environmental impacts at the Site.

Site Location

The Site is located in Unit C, Section 25, Township 24 South, Range 32 East, in Lea County, New Mexico (32.194614°, -103.629741°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM) (**Figure 1**).

Incident Description & History

On October 28, 2024, a leak developed on a corroded valve, causing a release of crude oil onto a Coterra Energy operated production pad and adjacent native soils. ETC gave notice to the New Mexico Oil Conservation Division (NMOCD) on October 29, 2024, by Notification of Release (NOR) and was subsequently assigned Incident Number nAPP2430350715. A Corrective Action Form C-141 (Form C-141) was later submitted on November 12, 2024.

During November 2024 through January 2025, a third-party consultant performed initial remediation activities (**Figure 2**). A total of 640 cubic yards of impacted soil was reported to have been removed from the Site and transported to the Northern Delaware Basin Landfill near Jal, New Mexico under ETC approved manifests.

Following remediation activities, the third-party consultant submitted a Closure Report to the NMOCD on January 30, 2025, detailing remediation activities to date. The NMOCD rejected the Closure Report on March 27, 2025, and stated the following:

"Closure Report for the Double X Federal #4 LACT Release is denied based on the following: 1. If nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, data must be no more than 25 years old, and well construction information must be provided. If there are no wells within ½ mile of the site and/or the data from that well is more than 25 years old, a borehole can be drilled to 101'. If water is not detected in the open borehole after a 72-hour period, the OCD will accept this as a viable determination of depth to groundwater. A copy of the driller's log is required. Probable groundwater depth will not be accepted. Horizontal and vertical

Double X 25 Fed No. 4 Lact - Site Characterization & Remediation Plan
 Incident Number: nAPP2430350715
 32.194614°, -103.629741°



delineation submitted was incomplete and did not meet the requirements of 19.15.29.11 NMAC. The values for determination of horizontal impact are derived by either approved "background" values or Table I Closure Criteria for releases where groundwater is at a depth of 50 feet or less. This is especially important for "on-pad" releases to ensure the release did not extend to the "off-pad"/pasture area. A visual footprint on the surface is not sufficient to assess the horizontal extent of the release. Laboratory data must be provided as evidence of delineation efforts. Any sample exceeding approved "background" values or Table I Closure Criteria for releases where groundwater is at a depth of 50 feet or less requires additional samples for horizontal delineation."

On March 3, 2026, NMOCD emailed ETC the following:

"The OCD was recently notified that there is an open incident for ET Gathering & Processing, LLC. The remediation closure report for Double X Federal #4 LACT which was submitted on 01/30/2025 and rejected on 03/27/2025. A revised remediation closure report has not been resubmitted to date. Please address the issues below and resubmit in sixty (60) days from receipt of this notification, not to exceed 05/01/2026. The incident file will be updated to reflect this."

Following review of the NMOCD's email above, ETC assigned this incident to ESRR on March 5, 2026, to further investigate the NOMCD's rejection and to complete this SCRP and any additional sampling or remediation activities for closure of the incident.

Site Characterization

To assist in addressing the NMOCD's rejection, ESRR re-characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). The following proximities were estimated:

- Between ½ and 1 mile of any continuously flowing watercourse or any other significant watercourse;
- Between ½ and 1 mile of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- Between 1 and 5 miles of any occupied permanent residence, school, hospital, institution or church;
- Between 1 and 5 miles of any spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Between 1 and 5 miles of any other freshwater well or spring;
- Greater than 5 miles of any incorporated municipal boundary or a defined municipal fresh water well field covered under a municipal ordinance;
- Between ½ and 1 mile of any wetland;
- Greater than 5 miles of any subsurface mine;
- Between ½ and 1 mile of any unstable area (non-karst); and
- Greater than 5 miles of a 100-year floodplain.

Receptor details used to determine the Site characterization are included in **Figure 1A** and **Figure 1B**. **Referenced Well Records** for the closest depth to water well is attached.

Based on the results from the desktop review and depth to groundwater estimated to be greater than 50 feet below ground surface (bgs), the following Closure Criteria will be applied:

Constituents of Concern (COCs)	Closure Criteria[‡]
Chloride	10,000 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	2,500 mg/kg
TPH (DRO) + TPH (GRO)	1,000 mg/kg
Benzene	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	50 mg/kg

[‡]The reclamation concentration requirements of 600 mg/kg Chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.
 TPH= Gasoline Range Organics + Diesel Range Organics + Oil Range Organics
 Laboratory Analytical Methods used: Environmental Protection Agency (EPA) 300.0, EPA 8015 NM, EPA 8021 B

Double X 25 Fed No. 4 Lact - Site Characterization & Remediation Plan
Incident Number: nAPP2430350715
32.194614°, -103.629741°



Proposed Delineation Plan

Based on the review of the third-party's rejected Closure Report, ETC proposes the following delineation sampling activities to address the NMOCD's reason for rejection:

1. Due to consolidated lithology within and surrounding the Area of Concern (AOC), ETC proposes to perform delineation soil sampling activities via a third-party truck mounted drill rig.
 - i. ESRR will guide and perform all delineation soil sampling activities to assess the presence or absence of soil impacts associated with the AOC.
 - ii. Nineteen delineation soil borings (HA-1 through HA-19) will be advanced via drill rig within and surrounding the AOC (**Figure 3**). Delineation activities will be driven by field screening soil for chloride utilizing QuanTab® test strips and volatile organic compounds by a calibrated Photo Ionization Detector (PID).
 - iii. A minimum of two soil samples will be collected from each delineation soil boring, representing the highest observed field screening concentrations and the greatest depth. Delineation soil samples will be placed directly into lab-provided pre-cleaned jars, packed with minimal void space, labeled, and placed on ice. The delineation soil samples will be transported under strict chain-of-custody procedures, to Eurofins in Carlsbad, New Mexico, for analysis of the COCs. Photographic Documentation of all activities will be documented.

Proposed Remediation Plan

Based on the laboratory analytical results from the proposed delineation soil sampling activities described above, ETC anticipates the following remedial actions:

2. ETC proposes to remove any impacted soils remaining within the top 4 feet bgs that are above the reclamation standard, or until the Site Closure Criteria is achieved, based on NMAC 19.15.29.13 regulations.
 - i. Following the removal of impacted soil, five-point composite soil samples will be collected at a sampling frequency of 200 square feet from the excavation floor and sidewalls. Confirmation soil samples will be handled, labeled, and transported to Eurofins for analysis of COCs as previously described.
 - ii. Floor confirmation samples excavated to 4 feet bgs or greater will meet the Site Closure Criteria based on Site characterization and proven depth to groundwater determination. Floor confirmation samples excavated shallower than 4 feet bgs will meet the reclamation standard of 100 mg/kg for TPH and 600 mg/kg for chloride.
 - iii. All sidewall samples will be excavated to meet the reclamation standard of 100 mg/kg for TPH and 600 mg/kg for chloride
3. ETC will evaluate and estimate the cubic yards of impacted soil to be excavated and removed from Site following the proposed delineation activities. Impacted soil will be transported to a nearby state-regulated landfill facility for disposal under ETC approved waste manifests. Once remediation activities are complete and receipt of final confirmation soil sample results are received, ETC will have the excavation backfilled with clean, locally sourced material and restored to "as close to its original state" as possible.

Double X 25 Fed No. 4 Lact - Site Characterization & Remediation Plan
Incident Number: nAPP2430350715
32.194614°, -103.629741°



Proposed Schedule

ETC anticipates delineation, remediation and restoration activities to commence within 90 days of approval of this SCRP. Upon favorable laboratory analytical results of all confirmation soil samples, ESRR will complete a Corrective Action Report detailing all activities and subsequent soil sampling activities for incident number nAPP2430350715.

If you have any questions or comments, please do not hesitate to contact Gilbert Moreno at (832) 541-7719 or gmoreno@earthsys.net. **Documentation and correspondence notifications** are attached.

Sincerely,

EARTH SYSTEMS RESPONSE & RESTORATION

A handwritten signature in black ink, appearing to read "Gilbert Moreno".

Gilbert Moreno
Carlsbad Operations Manager/ Project Geologist

A handwritten signature in black ink, appearing to read "Kris Williams".

Kris Williams, CHMM, REM
Principal

cc: Ryan Reich, Energy Transfer
Bureau of Land Management

Attachments:

- Figure 1 - Site Map
- Figure 1A - Groundwater
- Figure 1B - Karst Potential
- Figure 2 - Initial Remediation Extent
- Figure 3 - Proposed Delineation Soil Sample Locations
- Referenced Well Records
- NMOCD Email Documentation & Correspondance
- Archived Report

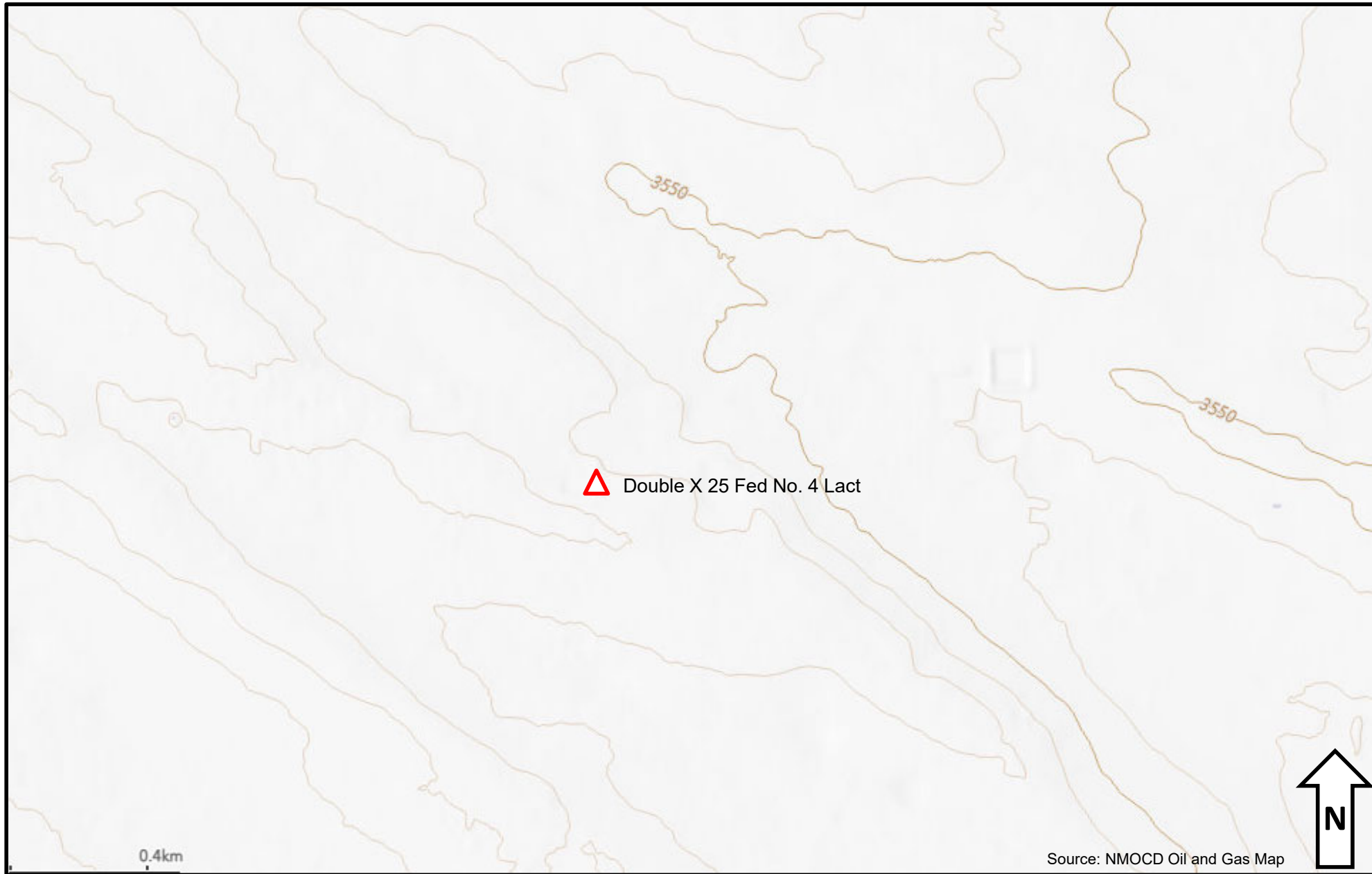
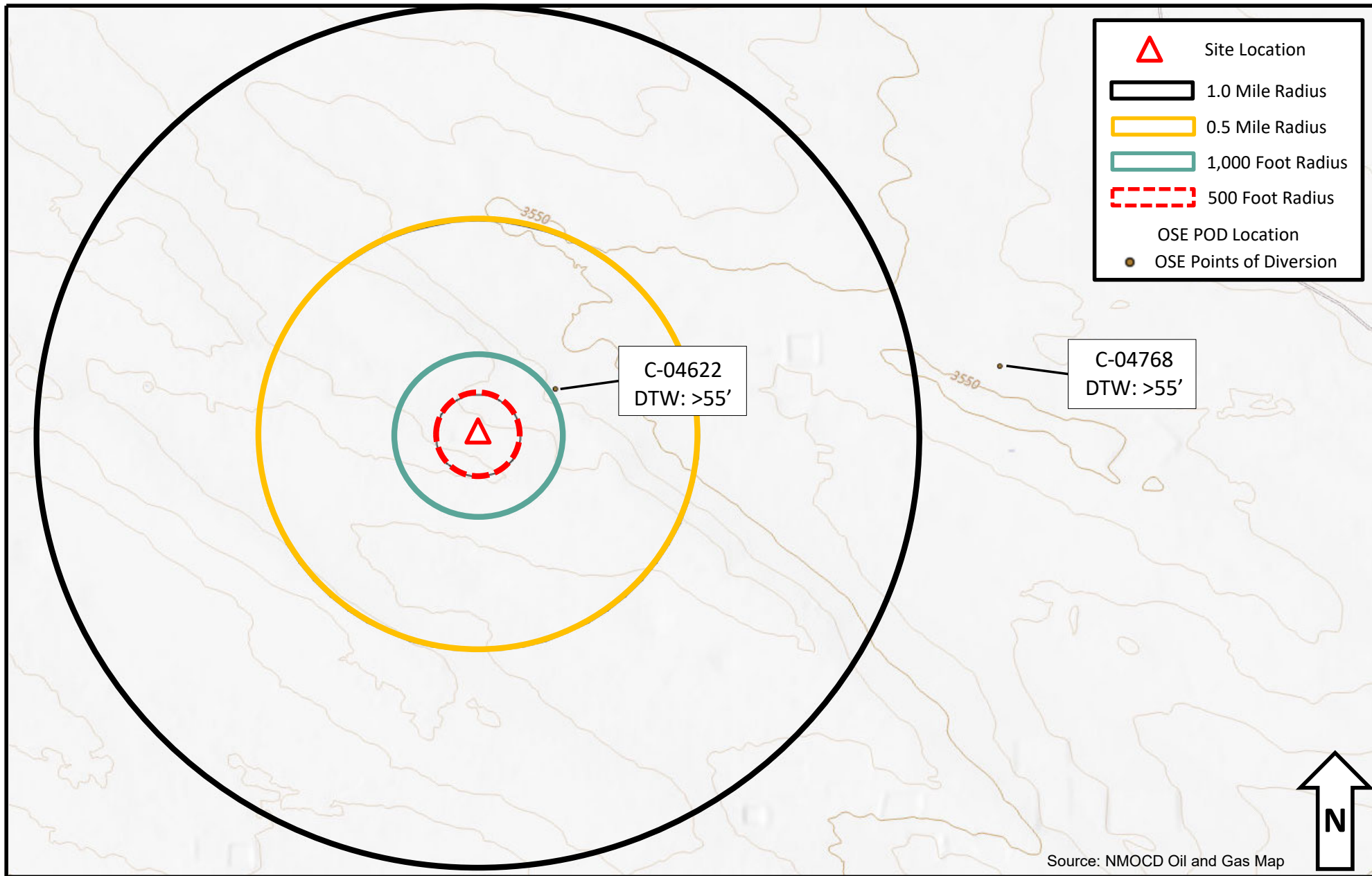


Figure 1 – Site Map

Energy Transfer – Double X 25 Fed No. 4 Lact
GPS: 32.194614°, -103.629741°
Lea County, New Mexico





Source: NMOCD Oil and Gas Map

Figure 1A – Groundwater

Energy Transfer – Double X 25 Fed No. 4 Lact
GPS: 32.194614°, -103.629741°
Lea County, New Mexico



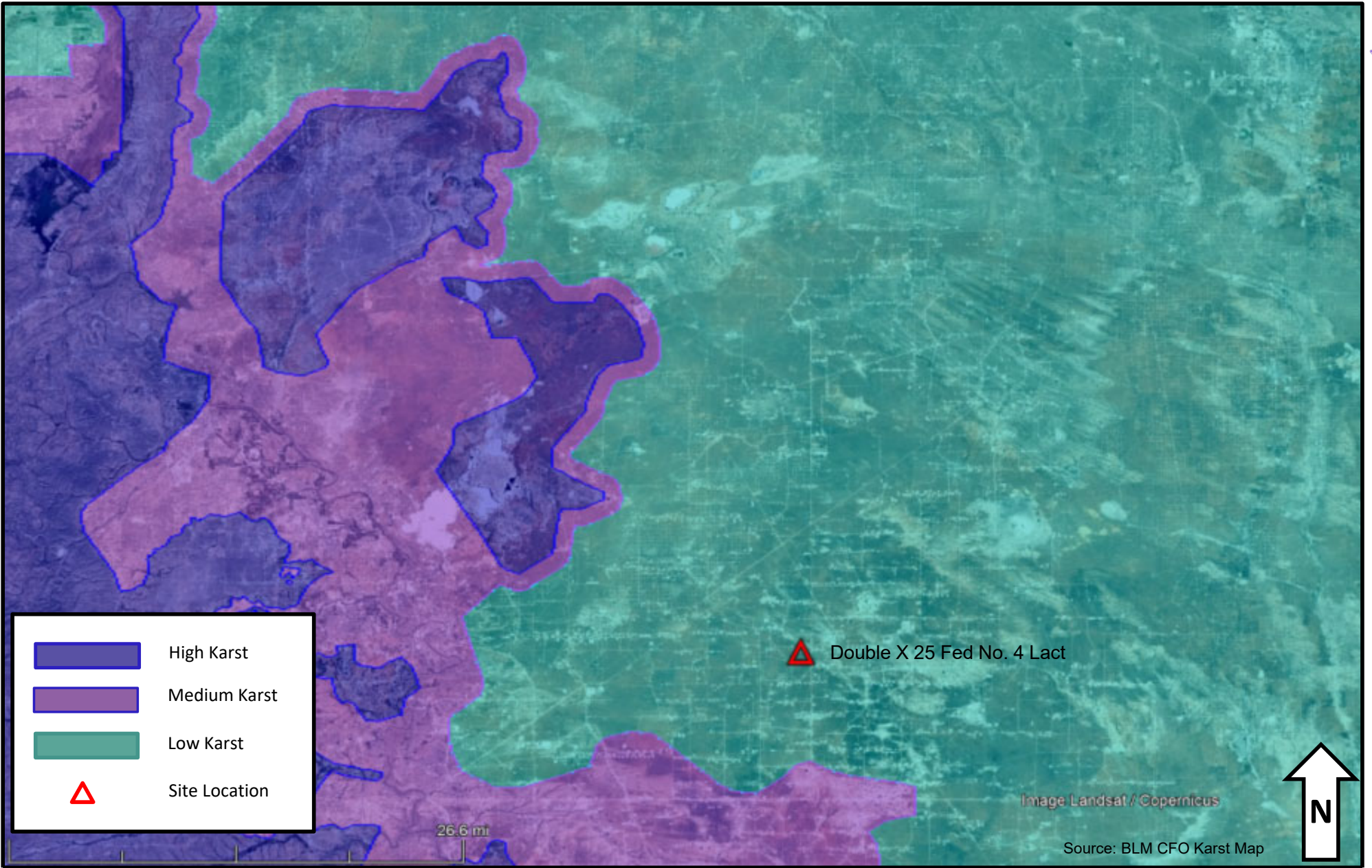


Figure 1B – Karst Potential

Energy Transfer – Double X 25 Fed No. 4 Lact
GPS: 32.194614°, -103.629741°
Lea County, New Mexico





Figure 2 – Initial Remediation Extent

Energy Transfer – Double X 25 Fed No. 4 Lact
GPS: 32.194614°, -103.629741°
Lea County, New Mexico



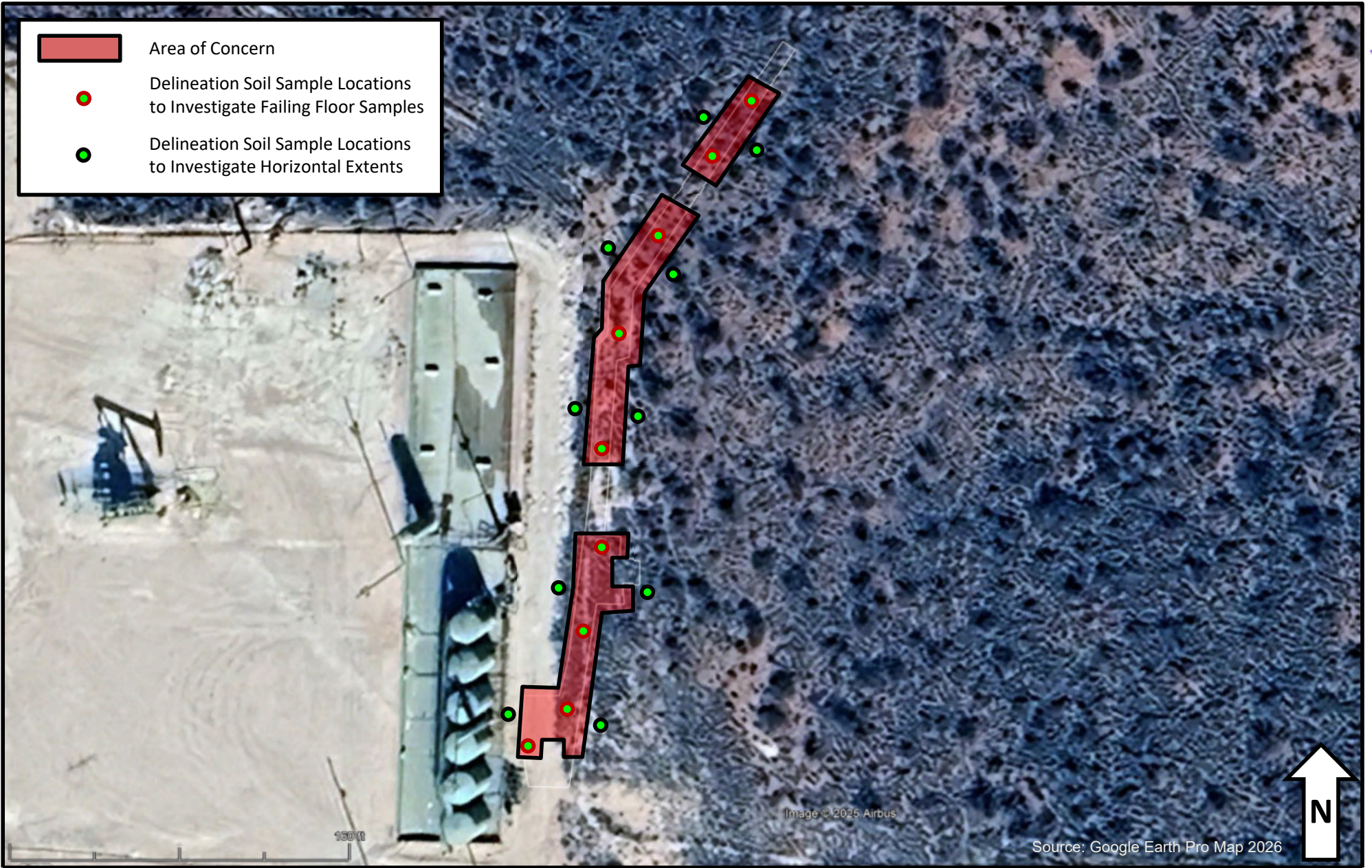


Figure 3 – Proposed Delineation Soil Sample Locations

Energy Transfer – Double X 25 Fed No. 4 Lact
GPS: 32.194614°, -103.629741°
Lea County, New Mexico





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4622			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia		STATE NM	ZIP 88210
	WELL LOCATION (FROM GPS)	DEGREES 32		MINUTES 11	SECONDS 46.22	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LATITUDE		N				
LONGITUDE		103		37		36.41 W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SW SW SE Sec.24 T24S R32S NMPM								

2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.				
	DRILLING STARTED 6/7/2022		DRILLING ENDED 6/7/2022		DEPTH OF COMPLETED WELL (FT) Temporary Well		BORE HOLE DEPTH (FT) ±55		DEPTH WATER FIRST ENCOUNTERED (FT) N/A	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		DATE STATIC MEASURED 6/13/2022		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:									
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger							CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)		
	FROM	TO								
	0	55	±6.5	Boring-HSA	--	--	--	--		

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. C-4622-POD 1	POD NO. 1	TRN NO. 726166
LOCATION 24.32.24.334	WELL TAG ID NO. ---	PAGE 1 OF 2

OSE DOT JUN 16 2022 PM 3:03

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: 726166
File Nbr: C 04622
Well File Nbr: C 04622 POD1

Jun. 16, 2022

DALE WOODALL
DEVON ENERGY
6488 7 RIVERS HWY
ARTESIA, NM 88210

Greetings:

The above numbered permit was issued in your name on 05/23/2022.

The Well Record was received in this office on 06/16/2022, stating that it had been completed on 06/07/2022, 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 05/23/2023.

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

Sincerely,

A handwritten signature in blue ink that reads "Maret Amaral".

Maret Amaral
(575) 622-6521

drywell



2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

June 8, 2022

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4622 Pod1 at Bell Lake 24 Fed 4

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, C-4622 Pod1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

A handwritten signature in black ink that reads "Lucas Middleton". The signature is written in a cursive style.

Lucas Middleton

Enclosures: as noted above

OSE DIT JUN 16 2022 PM 3:09

From: [Buchanan, Michael, EMNRD](#)
To: [Reich, Ryan Colin](#)
Subject: Rejection for App ID: 426144
Date: Tuesday, March 3, 2026 12:22:45 PM

Good morning, Mr. Reich

The OCD was recently notified that there is an open incident for ET Gathering & Processing, LLC. The remediation closure report for Double X Federal #4 LACT which was submitted on 01/30/2025 and rejected on 03/27/2025. A revised remediation closure report has not been resubmitted to date. Please address the issues below and resubmit in sixty (60) days from receipt of this notification, not to exceed 05/01/2026. The incident file will be updated to reflect this.

Closure Report for the Double X Federal #4 LACT Release is denied based on the following: 1. If nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, data must be no more than 25 years old, and well construction information must be provided. If there are no wells within ½ mile of the site and/or the data from that well is more than 25 years old, a borehole can be drilled to 101'. If water is not detected in the open borehole after a 72-hour period, the OCD will accept this as a viable determination of depth to ground-water. A copy of the driller's log is required. Probable groundwater depth will not be accepted. Horizontal and vertical delineation submitted was incomplete and did not meet the requirements of 19.15.29.11 NMAC. The values for determination of horizontal impact are derived by either approved "background" values or Table I Closure Criteria for releases where groundwater is at a depth of 50 feet or less. This is especially important for "on-pad" releases to ensure the release did not extend to the "off-pad"/pasture area. A visual footprint on the surface is not sufficient to assess the horizontal extent of the release. Laboratory data must be provided as evidence of delineation efforts. Any sample exceeding approved "background" values or Table I Closure Criteria for releases where groundwater is at a depth of 50 feet or less requires additional samples for horizontal delineation.

Thank you,

Mike Buchanan • Senior Environmental Scientist
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland Ave NE, Suite B | Albuquerque, NM 87113
505.490.0798 | michael.buchanan@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd>





CLOSURE REPORT

Location:

Double X Federal #4 LACT Release
32.194614, -103.629741
Unit Letter B, Section 25, Township 24S, Range 32E
Lea County, New Mexico
New Mexico EMNRD OCD Incident ID No. nAPP2430350715

Prepared for:

ETC Texas Pipeline, LTD.
801 S Loop 464
Monahans, TX 79756
Attn: Mr. Ryan Reich

Prepared by:

Precision Group
1624 East County Road 140
Midland, Texas 79706

Date of Report:

01/29/2025

A handwritten signature in black ink that reads "Peyton Oliver".

Project Manager
Peyton Oliver

A handwritten signature in black ink that reads "Jack Zimmerman".

Environmental Advisor
Jack Zimmerman, PG, CPG

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- Figure 10: Site Map – Confirmation Sample Map (Sidewall)
- Figure 11: Site Map – Confirmation Sample Map (Sidewall)
- Figure 12: Site Map – Confirmation Sample Map (Sidewall)
- Figure 13: Site Map – Confirmation Sample Map (Sidewall)

Appendix B – Supporting Documentation

- Figure A: 0.5 Mile Radius Water Well/POD Location
- Figure B: 300 Foot Radius Watercourse and Drainage Identification
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- Table 2 – Confirmation Composite Floor Sampling Analytical Summary
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Appendix E – Laboratory Data Sheets & Chain of Custody Documentation

1.0 INTRODUCTION

1.1 Site Information

The Double X Federal #4 LACT (i.e., Lease Automatic Custody Transfer) Release is located approximately 26.20 miles northwest of Jal, New Mexico. The legal location for this release is Unit Letter B, Section 25, Township 24 South, and Range 32 East in Lea County, New Mexico. More specifically, the latitude and longitude for the release are 32.194614 and -103.629741. A Site Location Map is presented in Appendix I.

1.2 Incident Description

On October 29, 2024, the release of crude oil from the Double X Federal #4 LACT Release was identified by Energy Transfer (ETC). The release occurred due to a corroded valve on a LACT unit. Approximately twenty-four (24) barrels (bbls) of crude oil were released onto the pad and into the adjacent pasture area, impacting an area approximately three hundred eighty (380) feet long by fifteen (15) feet wide. Approximately seven (7) bbls of crude oil were recovered. ETC verified the release and subsequently isolated and locked the LACT out of service. In addition, ETC initiated activities to facilitate the repair on October 29, 2024.

1.3 Project Objective

The primary objective of the closure activities was to reduce constituents of concern (COCs) concentrations in the onsite soils to below the applicable New Mexico (NM) Bureau of Land Management (BLM) and New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD) Closure Criteria for Soils Impacted by a Release using the New Mexico Administrative Code (NMAC) 19.15.29 *Releases*.

2.0 CLOSURE CRITERIA

The Site is subject to regulatory oversight by the NM BLM and NM EMNRD OCD. During the evaluation and remediation of the Site, Precision Group (Precision) references NMAC 19.15.29 *Releases*, which establishes investigation and abatement action requirements for oil and gas releases that are subject to reporting and/or corrective action.

The NM Office of the State Engineer (OSE) indicates the nearest reported depth to groundwater is 2.77 miles from the Site and is recorded at 314 feet below ground surface (bgs). Further research of the BLM Karst data indicates that this Site is situated in a low karst area. The Federal Emergency Management Administration (FEMA) database located the Site in a minimal flood hazard zone. Supporting figures and documentation are provided in **Appendix B**.

Closure Report
 ETC Texas Pipeline, LTD
 Double X Federal #4 LACT Release (11/29/2024)

1/29/2025

Page 2

Approximate Depth to Groundwater	314 feet bgs	
Within 300 feet of any continuously flowing watercourse or any significant watercourse	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 200 feet of any lakebed, sinkhole or playa lake	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 300 feet from an occupied residence, school, hospital, institution or church	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 1000 feet of any fresh water well or spring	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within incorporated municipal boundaries or within a defined municipal freshwater field covered under a municipal ordinance adopted pursuant to Section 3-27-3 New Mexico Statutes Annotated (NMSA) 1978	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 300 feet of a wetland	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within the area overlying a subsurface mine	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within an unstable area (Karst Map)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within a 100-year Floodplain	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Given a groundwater depth of approximately 300 feet bgs, the appropriate closure criteria for impacted soils at the subject site would appear to be as follows:

Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within horizontal boundary of the release to groundwater less than 10,000 mg/1 TDS	Constituent ¹	Method	Limit
>100 feet	Chloride	EPA 300.0 or SM4500 Cl B	20,000 mg/Kg
	TPH (GRO+DRO+MRO) ²	EPA SW-846 Method 8015	2,500 mg/Kg
	BTEX ³	EPA SW-846 Method 8021 or 8260	50 mg/Kg
	Benzene	EPA SW-846 Method 8021 or 8260	10 mg/Kg

¹ – Constituent concentrations are in milligrams per kilogram (mg/Kg)

² – Total Petroleum Hydrocarbons (TPH). Gasoline Range Organics (GRO). Diesel Range Organics (DRO). Motor Oil/Lube Oil Range Organics (MRO).

³ – Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX).



3.0 SOIL REMEDIATION ACTIVITIES

On October 29, 2024, ETC initiated activities to repair the valve on the LACT and remediate the petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, Precision provided environmental consulting / advisement, heavy equipment, and labor support.

During November 2024, Precision began excavating within the release footprint using a combination of a Hydrovac excavator and a backhoe tractor. An excavation bottom (EB) was established at each of five (5) proposed sample locations (i.e., AH 1 thru AH 5) at depths ranging from one (1) to three (3) foot below ground surface (bgs). Specifically, EBs at sample locations AH 1 and AH 2 were two (2') foot bgs, at sample location AH 3 the EB was three (3') foot bgs, and at sample locations AH 4 and AH 5 the EBs were one (1') foot bgs.

Delineation sampling activities began on November 21st, by Precision collecting five (5) composite floor soil samples at one-half (0.5') foot below the EB at sample locations AH 1 thru AH 5. Additionally, Precision collected four (4) composite soil samples from the excavation sidewalls (SW 1 thru SW 4) at depths ranging from surface to three (3) foot bgs. Specifically, the depth at sidewall sample location SW 1 was three (3') foot bgs, at sample locations SW 2, SW 3, and SW 4 were one (1') foot bgs.

The composite soil samples were analyzed for TPH, BTEX, and Chloride in accordance with NMOCD Closure Criteria for Soils Impacted by a Release (i.e., NMOCD closure criteria guidance).

Analytical results for the November 21st sampling event show three (3) floor samples AH 2, AH 3, and AH 5 are below NMOCD remedial guidelines for TPH, BTEX, and Chloride. However, TPH and BTEX exceedances are present at two (2) floor sample locations AH 1 and AH 4. Specifically, floor sample locations AH 1 (EB 2') and AH 4 (EB 1') have TPH concentrations of 30,830 mg/Kg and 8,313 mg/Kg and BTEX concentrations of 312 mg/Kg and 130 mg/Kg, respectively.

The vertical extent of the TPH and BTEX have not been determined at sample locations AH 1 (EB 2') and AH 4 (EB 1'). Additional excavation and sampling are required at floor sample locations AH 1 and AH 4.

All sidewall sample concentrations are below NMOCD remedial guidelines for TPH, BTEX, and Chloride. Horizontal delineation was achieved.

Precision exported four hundred forty-four (440) cubic yards (yd³) of excavated impacted material to Owl Landfill Services' doing business as (DBA) Northern Delaware Basin Landfill in Lea County, New Mexico during November 2024.

Remedial activities continued during December 2024 with Precision excavating within the release footprint using a combination of a skid steer and a backhoe tractor as necessary. New EBs were established at thirty-three (33) floor sample locations (i.e., CS 1 thru CS 33) at depths of one (1'), two (2'), two and-one-half (2.5'), three (3'), and three and-one-half (3.5') foot bgs.

Confirmation sampling activities began on December 27th and continued on December 30th by Precision collecting a total of seventy-six (76) samples, of which thirty-three (33) are confirmation composite floor samples (i.e., CS 1 thru CS 33) from one-half (0.5') foot below the EB, and forty-three (43) confirmation composite soil samples from the excavation sidewalls (i.e.,

Closure Report
ETC Texas Pipeline, LTD
Double X Federal #4 LACT Release (11/29/2024)

1/29/2025

Page 4

NSW 1 thru NSW 8, ESW 1 thru ESW 15, SSW 1 thru SSW 8, and WSW 1 thru WSW 11) from surface to a depth of three and-one-half (3.5') foot bgs.

The composite soil samples were analyzed for TPH, BTEX, and Chloride in accordance with NMOCD Closure Criteria for Soils Impacted by a Release (i.e., NMOCD closure criteria guidance).

Analytical results for December 27th and 30th composite floor sampling and composite sidewall sampling events show all floor and sidewall samples are below NMOCD remedial guidelines for BTEX and Chloride. However, TPH exceedances are present at sample locations CS 15, CS 18, CS 30, and CS 33. Specifically, at sample location CS 15 at a depth of two (2') foot a TPH concentration of 4,938.1 mg/Kg, at sample location CS 18 at a depth of one (1') foot a TPH concentration of 4,117 mg/Kg, at sample location CS 30 at a depth of three and-one-half (3.5'), a TPH concentration of 5,916 mg/Kg, and at sample location CS 33 at a depth of two (2') foot a TPH concentration of 2,973 mg/Kg.

Composite sidewall sample locations are below NMOCD remedial guidelines for BTEX and Chloride. However, at sample location SSW 8 a TPH concentration of 5,338 mg/Kg is present at a depth of three (3') foot bgs.

Both vertical and horizontal delineation have not been determined at floor sample locations CS 15, CS 18, CS 30, and CS 33 and sidewall sample location SSW 8. Additional excavation and sampling are required.

Precision exported offsite eighty (80) yd³ of excavated impacted material to Owl Landfill Services' Northern Delaware Basin Landfill in Lea County, New Mexico during December 2024.

Throughout December 2024 and January 2025 Precision continued excavating within the release footprint adjacent to and around sample locations CS 15, CS 18, CS 30, and CS 33 and SSW 8 using a combination of a skid steer and a backhoe tractor as necessary.

On January 13, 2025, Precision collected eighteen (18) confirmation samples of which four (4) were composite floor samples (i.e., CS 15A, CS 18A, CS 30A, and CS 33A) at depths of two and one-half (2.5') and four (4') foot bgs from one-half (0.5') foot below the EB. Fourteen (14) composite sidewall samples (i.e., NSW 9, NSW 10, NSW 11, NSW 12, SSW 8A, SSW 10, SSW 11, WSW 11A, WSW 12, WSW 13, ESW 16, ESW 17, ESW 18 and ESW 19) were collected at various depths from surface to four (4') foot bgs.

The composite soil samples were analyzed for TPH, BTEX, and Chloride in accordance with NMOCD Closure Criteria for Soils Impacted by a Release (i.e., NMOCD closure criteria guidance).

Analytical results for the January 2025 confirmation sampling event show both the composite floor and sidewall composite samples are below NMOCD remedial guidelines for TPH, BTEX, and Chloride. Both vertical and horizontal delineation for the TPH, BTEX, and Chloride release has been achieved at all sample locations.

During January 2025, Precision exported offsite one hundred twenty (120) yd³ of excavated impacted material to Owl Landfill Services' Northern Delaware Basin Landfill in Lea County, New Mexico and imported onsite seven hundred twenty-four (724) yd³ of clean material to be used for backfilling from Hydrosource Logistics' Gambino pit.

4.0 SOIL SAMPLING PROGRAM

Precision's composite soil sampling program included the collection of one hundred three (103) composite soil samples from thirty-eight (38) locations from the excavation floor (AH 1 thru AH 5 and CS 1 thru CS 33), and fifty (50) composite soil samples from fifty-five (55) locations from the excavation sidewalls (SW 1 thru SW 4, NSW 1 thru NSW 12, ESW 1 thru ESW 19, SSW 1 thru SSW 11 and WSW 1 thru WSW 13) for laboratory analysis.

The composite soil samples were collected and placed in laboratory prepared glassware, labeled/sealed using laboratory supplied labels and custody seals, and stored on ice in a cooler. The samples were relinquished to Cardinal Laboratories in Hobbs, New Mexico for an expedited laboratory analysis.

5.0 LABORATORY SOIL ANALYTICAL METHODS

The composite soil samples were analyzed for TPH GRO/DRO/MRO using EPA SW-846 Method 8015; BTEX using Environmental Protection Agency (EPA) SW-846 Method 8021; and Chloride using EPA Method 300.0.

The laboratory analytical results are summarized in Appendix D Table 1, Table 2, and Table 3. The laboratory data sheets and executed chain-of-custody (COC) forms are provided in Appendix E.

6.0 REMEDIAL ACTION

Impacted soil was excavated and exported offsite to an approved disposal facility. Following review of analytical results for the final confirmation soil sampling event (i.e., January 2025), excavated areas within the release footprint were backfilled with clean material and subsequently surface contoured to the original surrounding grade.

7.0 CLOSURE REQUEST

Based on the remedial activities performed as well as the analytical data provided herein, the concentrations of all constituents of concern (COCs) (i.e., Chloride, TPH, BTEX, and Benzene) at the Site were below their respective concentration limits. On behalf of ETC, Precision respectfully requests that no further action be required, and Incident No. nAPP2430350715 be closed.

8.0 LIMITATIONS

This report has been prepared for the sole benefit and exclusive use of ETC. Any authorization for the use by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of both ETC and Precision. Any reliance on decisions made based on it, or damages suffered because of the use of this report by a third party are the sole responsibility of the user.

Precision's services were performed in accordance with regulatory guidance and statutes when rendering environmental remediation services. Additionally, Precision does not warrant the work of third parties supplying information used in the report (e.g., laboratories, regulatory agencies, or other third parties). Services performed were in accordance with the scope of work agreed upon with the client, as detailed in our proposal.

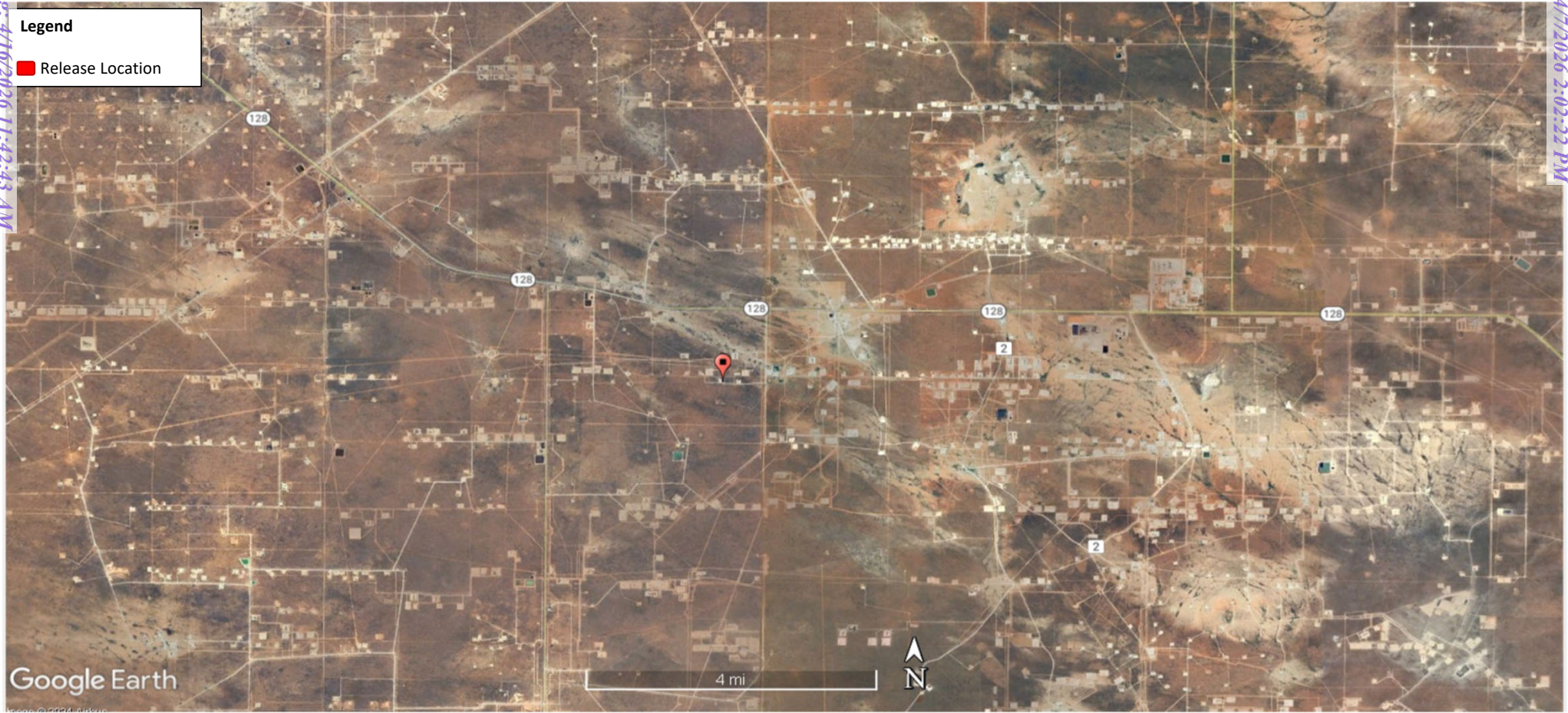
Closure Report
ETC Texas Pipeline, LTD
Double X Federal #4 LACT Release (11/29/2024)

1/29/2025

Page 6

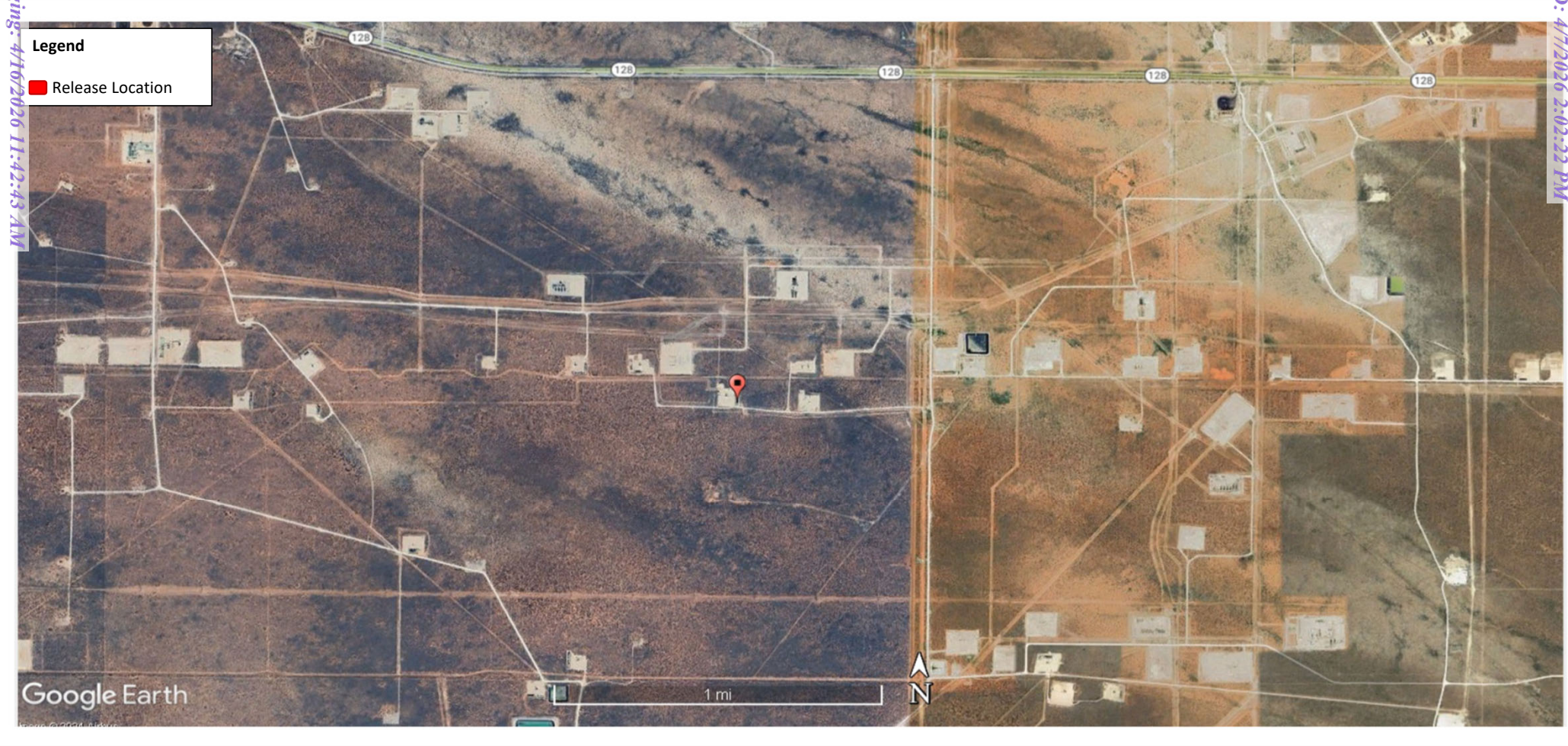
The conclusions and recommendations presented represent judgements made by Precision based on the data collected during the assessment. Due to the nature of the assessment and the data available, Precision cannot warrant undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

Appendix A – Figures



Location Map
ETC Texas Pipeline, LTD.
Double X Federal #4 LACT Release
32.194681° N, 103.629765° W
Lea County, New Mexico

Figure 1



Site Vicinity Map
ETC Texas Pipeline, LTD.
Double X Federal #4 LACT Release
32.194681° N, 103.629765° W
Lea County, New Mexico

Figure 3



Site Map – Release Footprint
ETC Texas Pipeline, LTD.
Double X Federal #4 LACT Release
32.194681° N, 103.629765° W
Lea County, New Mexico

Figure 4



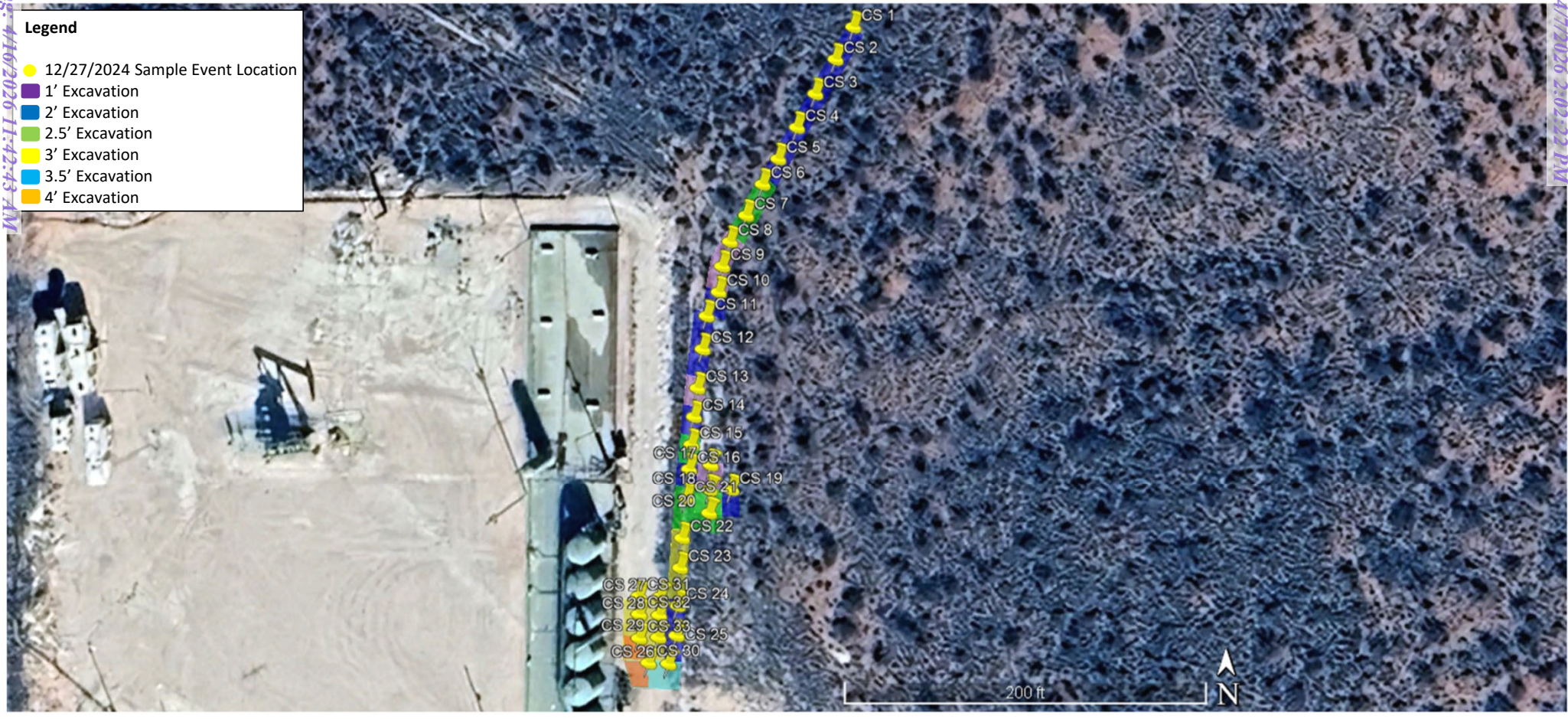
Site Map – Delineation Sample Map (Floor)
 ETC Texas Pipeline, LTD.
 Double X Federal #4 LACT Release
 32.194681° N, 103.629765° W
 Lea County, New Mexico

Figure 5



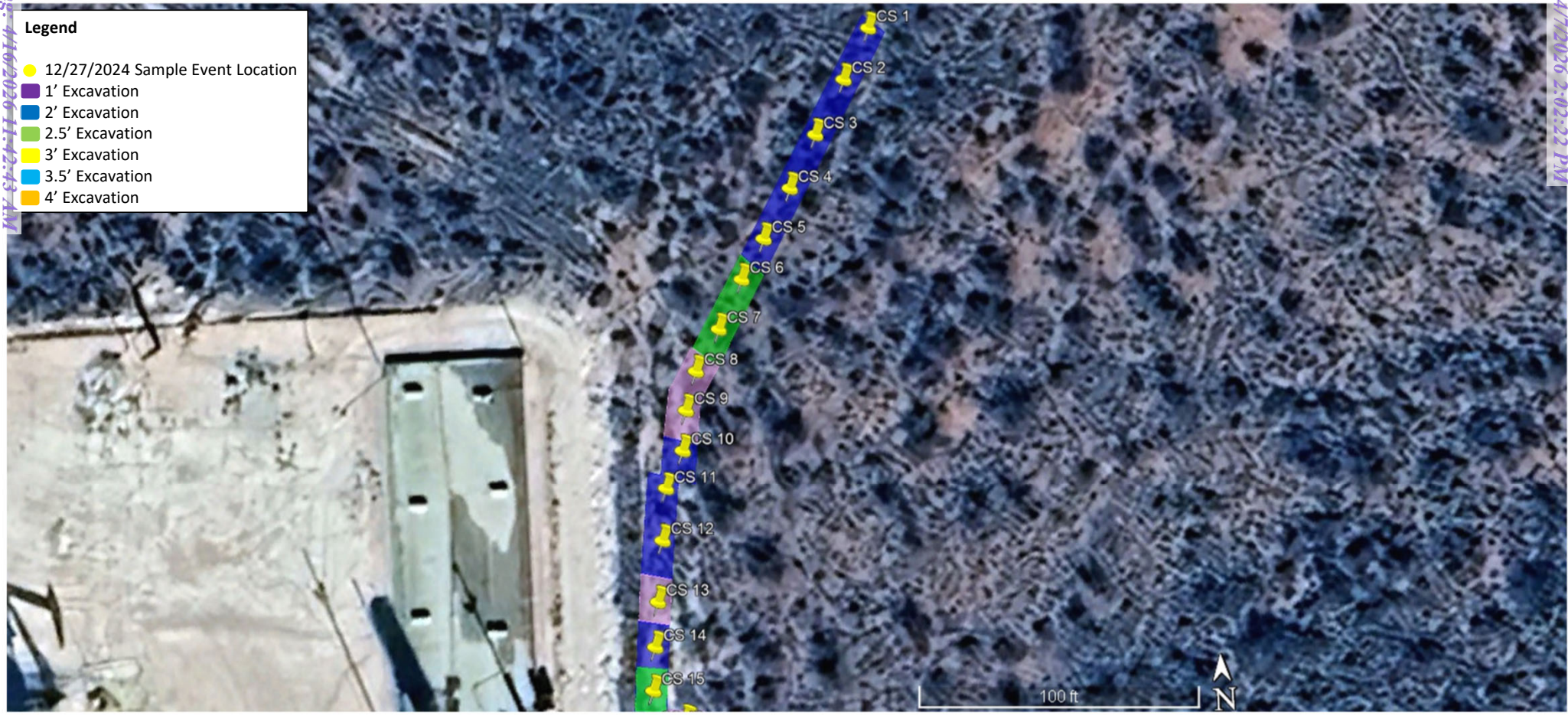
Site Map – Delineation Sample Map (Sidewall)
 ETC Texas Pipeline, LTD.
 Double X Federal #4 LACT Release
 32.194681° N, 103.629765° W
 Lea County, New Mexico

Figure 6



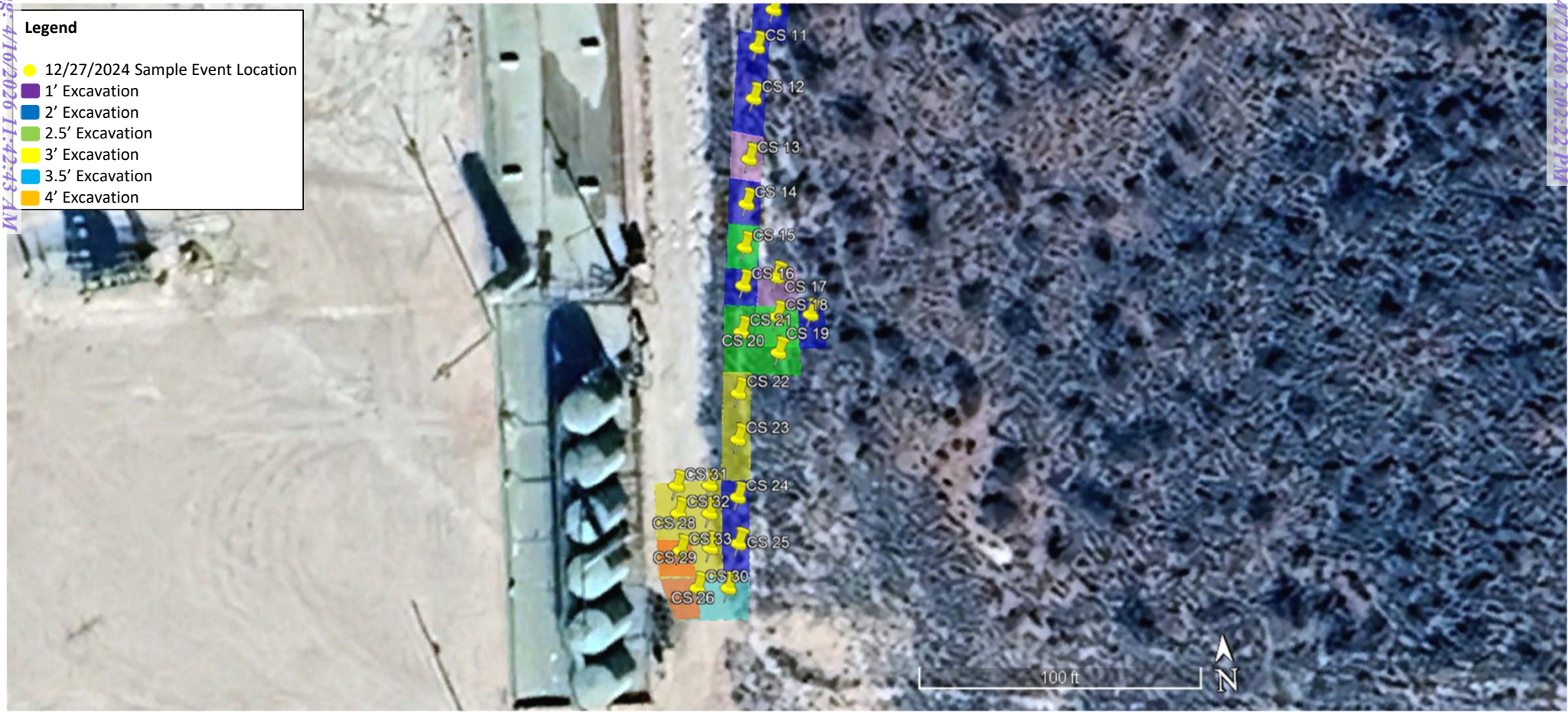
Site Map – Confirmation Sample Map (Floor)
 ETC Texas Pipeline, LTD.
 Double X Federal #4 LACT Release
 32.194681° N, 103.629765° W
 Lea County, New Mexico

Figure 7



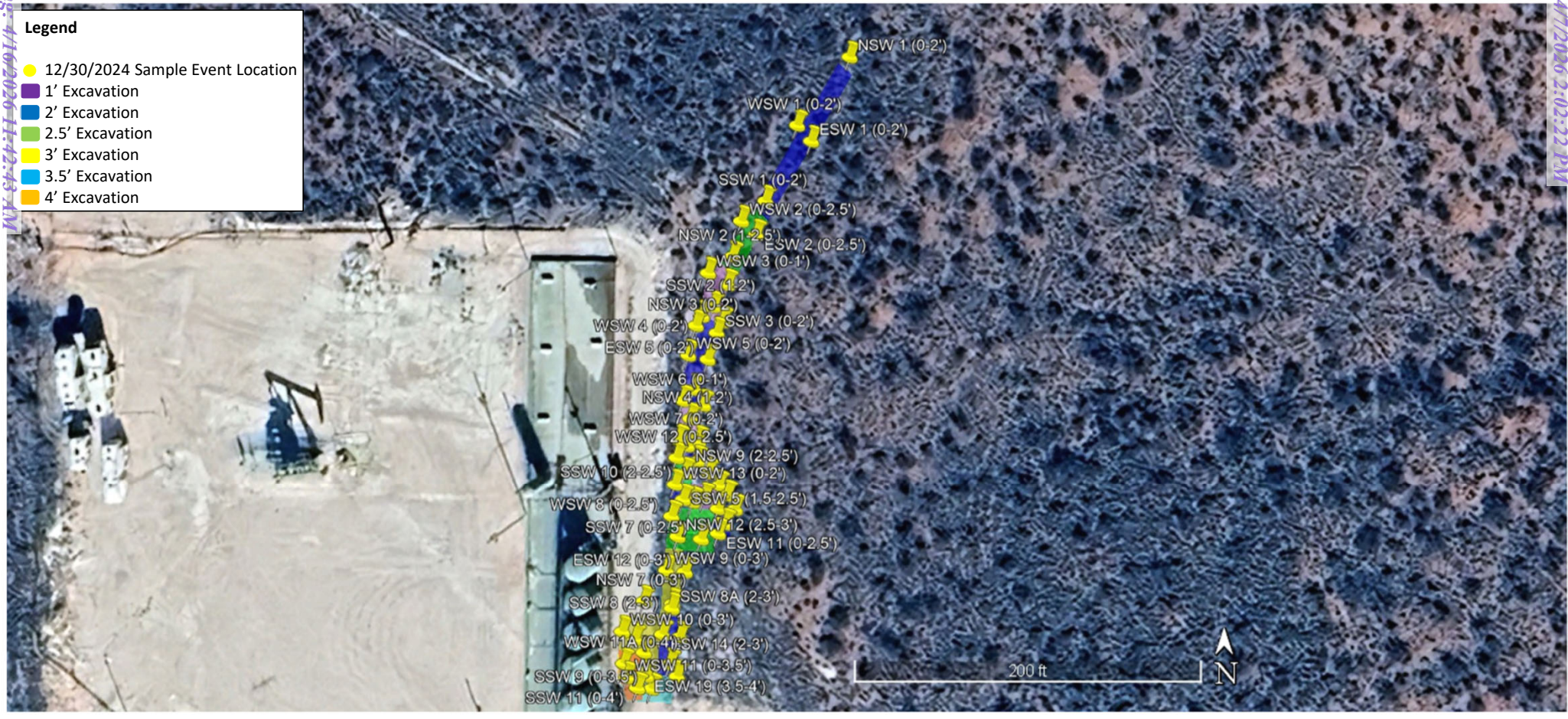
Site Map – Confirmation Sample Map (Floor)
 ETC Texas Pipeline, LTD.
 Double X Federal #4 LACT Release
 32.194681° N, 103.629765° W
 Lea County, New Mexico

Figure 8



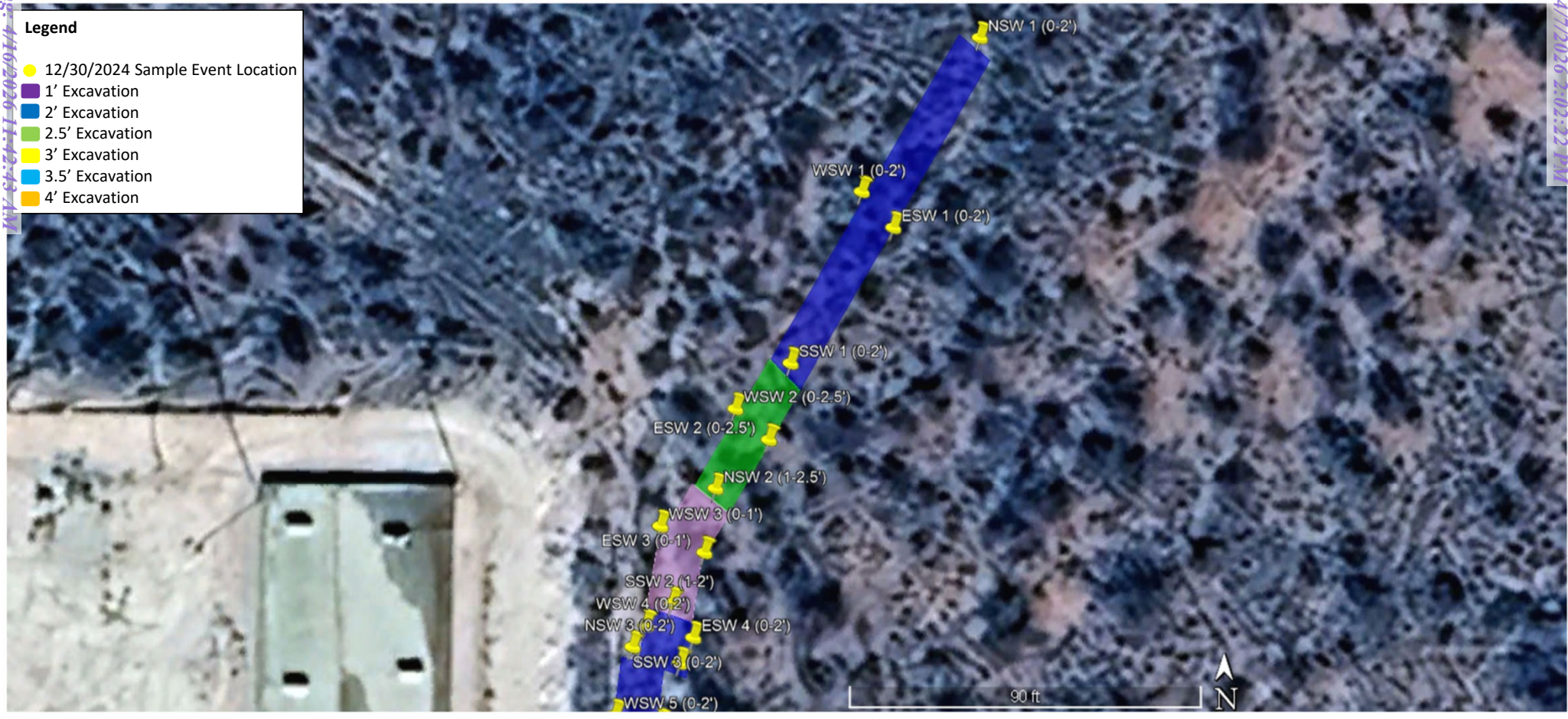
Site Map – Confirmation Sample Map (Floor)
 ETC Texas Pipeline, LTD.
 Double X Federal #4 LACT Release
 32.194681° N, 103.629765° W
 Lea County, New Mexico

Figure 9



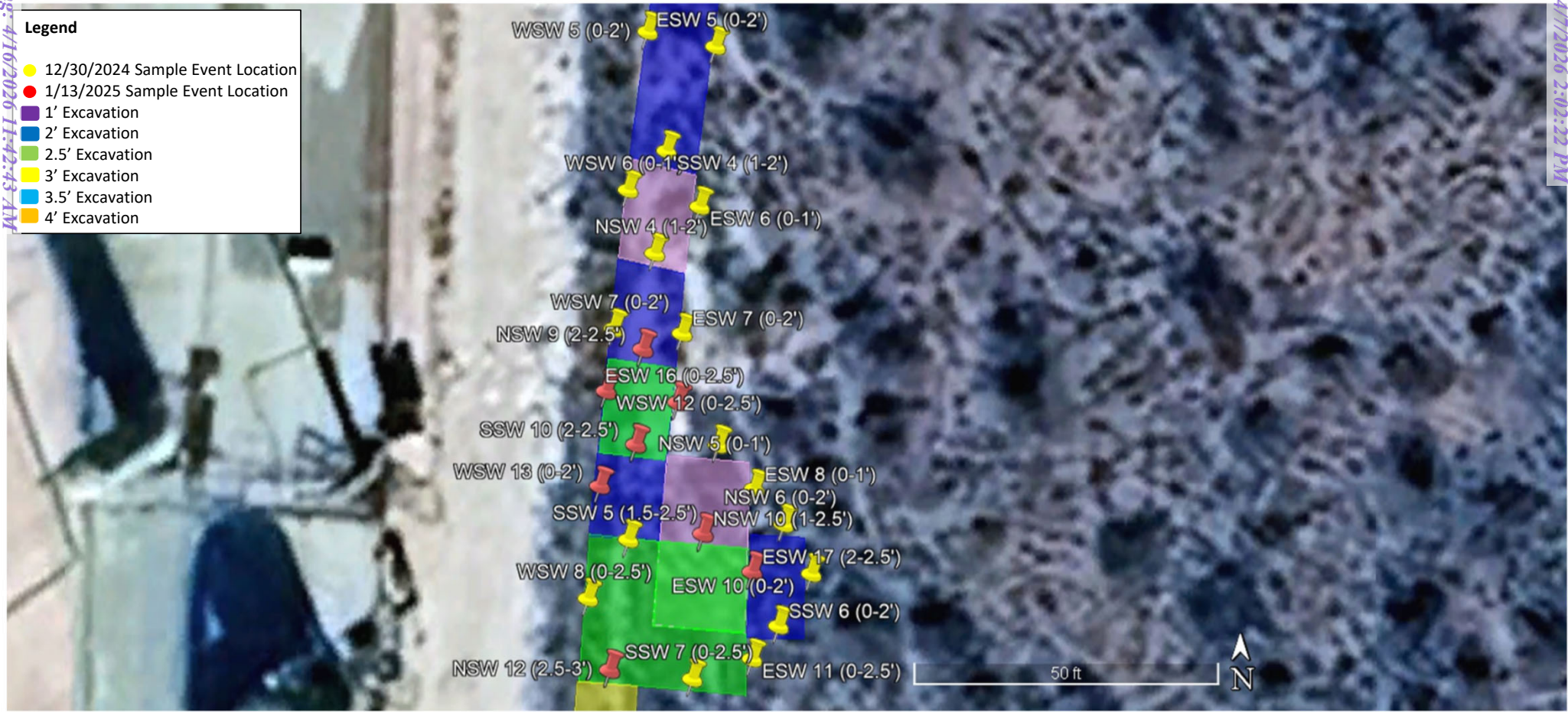
Site Map – Confirmation Sample Map (Sidewall)
 ETC Texas Pipeline, LTD.
 Double X Federal #4 LACT Release
 32.194681° N, 103.629765° W
 Lea County, New Mexico

Figure 10



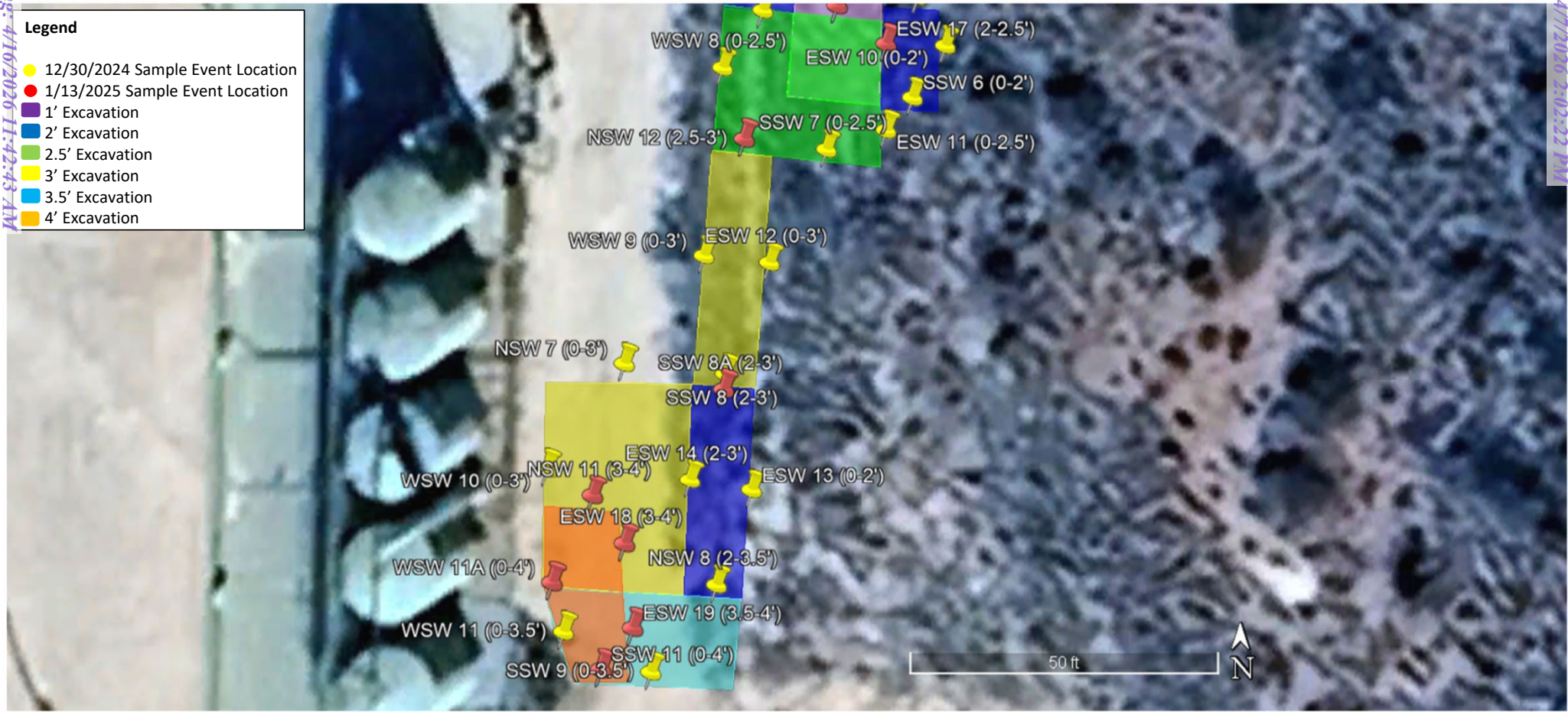
Site Map – Confirmation Sample Map (Sidewall)
 ETC Texas Pipeline, LTD.
 Double X Federal #4 LACT Release
 32.194681° N, 103.629765° W
 Lea County, New Mexico

Figure 11



Site Map – Confirmation Sample Map (Sidewall)
 ETC Texas Pipeline, LTD.
 Double X Federal #4 LACT Release
 32.194681° N, 103.629765° W
 Lea County, New Mexico

Figure 12



Site Map – Confirmation Sample Map (Sidewall)
 ETC Texas Pipeline, LTD.
 Double X Federal #4 LACT Release
 32.194681° N, 103.629765° W
 Lea County, New Mexico

Figure 13

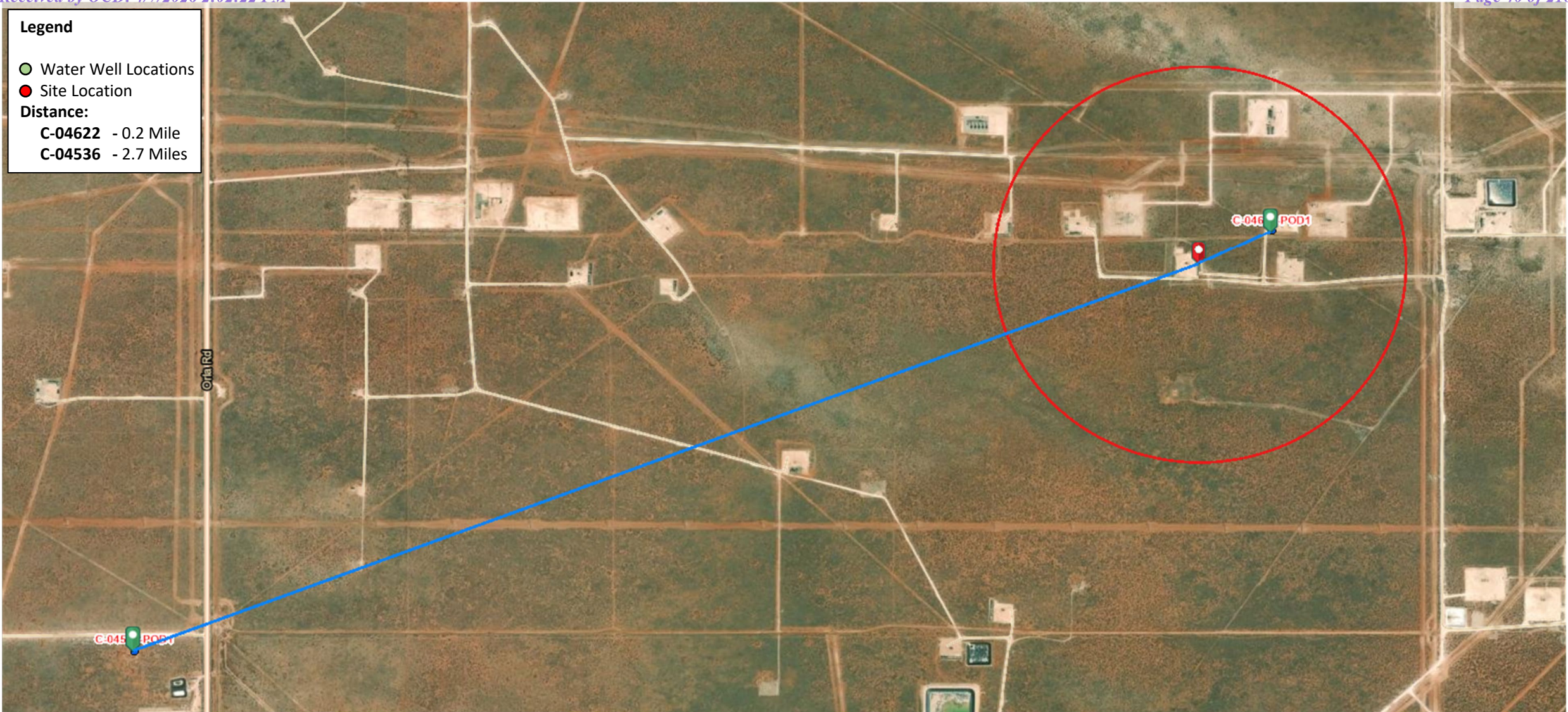
Appendix B – Supporting Documentation

Legend

- Water Well Locations
- Site Location


Distance:

- C-04622 - 0.2 Mile
- C-04536 - 2.7 Miles





New Mexico Office of the State Engineer Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04622 POD1	3	3	4	24	24S	32E	629436	3563006 

Driller License: 1249 **Driller Company:** ATKINS ENGINEERING ASSOC. INC.
Driller Name: JACKIE ATKINS
Drill Start Date: 06/07/2022 **Drill Finish Date:** 06/07/2022 **Plug Date:**
Log File Date: 06/16/2022 **PCW Rcv Date:** **Source:**
Pump Type: **Pipe Discharge Size:** **Estimated Yield:**
Casing Size: **Depth Well:** **Depth Water:**

Casing Perforations:	Top	Bottom
	0	55

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.

6/19/24 9:09 AM

POINT OF DIVERSION SUMMARY



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4622			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia		STATE NM	ZIP 88210
	WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LATITUDE	32	11				
	LONGITUDE	103	37	36.41	W			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SW SW SE Sec.24 T24S R32S NMPM								

2. DRILLING & CASING INFORMATION	LICENSE NO. 1249	NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.			
	DRILLING STARTED 6/7/2022	DRILLING ENDED 6/7/2022	DEPTH OF COMPLETED WELL (FT) Temporary Well	BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 6/13/2022		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	55	±6.5	Boring-HSA	--	--	--	--

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. C-4622-POD 1	POD NO. 1	TRN NO. 726166
LOCATION 24.32.24.334	WELL TAG ID NO. ---	PAGE 1 OF 2

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: 726166
File Nbr: C 04622
Well File Nbr: C 04622 POD1

Jun. 16, 2022

DALE WOODALL
DEVON ENERGY
6488 7 RIVERS HWY
ARTESIA, NM 88210

Greetings:

The above numbered permit was issued in your name on 05/23/2022.

The Well Record was received in this office on 06/16/2022, stating that it had been completed on 06/07/2022, 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 05/23/2023.

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

Sincerely,

A handwritten signature in blue ink that reads "Maret Amaral".

Maret Amaral
(575) 622-6521

drywell



2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

June 8, 2022

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4622 Pod1 at Bell Lake 24 Fed 4

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, C-4622 Pod1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

A handwritten signature in black ink that reads "Lucas Middleton". The signature is written in a cursive style.

Lucas Middleton

Enclosures: as noted above

OSE DIT JUN 16 2022 PM 3:09



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
20E37	C 04536 POD1	1	2	2	33	24S	32E	625019	3561244

Driller License: 1706	Driller Company: ELITE DRILLERS CORPORATION	
Driller Name: BRYCE WALLACE		
Drill Start Date: 06/09/2021	Drill Finish Date: 06/10/2021	Plug Date:
Log File Date: 06/21/2021	PCW Rev Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield: 4 GPM
Casing Size: 4.30	Depth Well: 500 feet	Depth Water: 314 feet

Water Bearing Stratifications:	Top	Bottom	Description
	235	480	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	300	500

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.

6/19/24 8:09 AM

POINT OF DIVERSION SUMMARY



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 Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 04536 POD1	C	LE	1	2	2	33	24S	32E	625019	3561244		500	314	186

Average Depth to Water: **314 feet**
 Minimum Depth: **314 feet**
 Maximum Depth: **314 feet**




Record Count: 1

PLSS Search:

Section(s): 33 Township: 24S Range: 32E

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.

Legend

-  Fresh Water Pond
-  Freshwater Emergent Wetland
-  Site Location

Distance: 0.72 Miles



**PRECISION
GROUP**

Released to Imaging: 4/16/2026 11:42:43 AM

300 Foot Radius Watercourse and Drainage Identification
ETC Texas Pipeline, LTD.
Double X Federal #4 LACT Release
32.194681° N, 103.629765° W
Lea County, New Mexico

Figure B





Mines, Mills, and Quarries
ETC Texas Pipeline, LTD.
Double X Federal #4 LACT Release
32.194681° N, 103.629765° W
Lea County, New Mexico

Figure D



Karst Map
ETC Texas Pipeline, LTD.
Double X Federal #4 LACT Release
32.194681° N, 103.629765° W
Lea County, New Mexico

Figure E

National Flood Hazard Layer FIRMette



103°38'6"W 32°11'56"N



Legend

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

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
 - OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard. Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
 - OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
 - GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
 - OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
 - MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

Released to Imaging: 4/16/2026 11:42:43 AM

1:6,000

103°37'28"W 32°11'26"N

Appendix C – Photographic Documentation



View North - A portion of the release footprint. Note the surface staining (i.e., dark brown color). Release caused by a corroded valve on a LACT unit. Date: Nov 05, 2024



View North - A portion of the release footprint. Note the surface staining (i.e., dark brown color). Date: Nov 05, 2024



November 5, 2024
+32.194717,-103.629674
Jal NM 88252
United States

View North - A portion of the release footprint. Note the surface staining (i.e., dark brown color) Date: Nov 05, 2024



November 5, 2024
+32.195120,-103.629636
Jal NM 88252
United States

View North - A portion of the release footprint. Note the surface staining (i.e., dark brown color). Date: Nov 05, 2024



November 5, 2024
 +32.195221,-103.629630
 Jal NM 88252
 United States

View East - A portion of the release footprint. Note the surface staining (i.e., dark brown color). Date: Nov 05, 2024



November 5, 2024
 +32.195402,-103.629536
 Jal NM 88252
 United States

View East - A portion of the release footprint. Note the surface staining (i.e., dark brown color). Date: Nov 05, 2024



View South - Remediation activities (i.e., excavation and stockpiling) in progress. Sample locations AH 1 thru AH 3 and SW 1.

Date: Dec 30, 2024



View North - Remediation activities (i.e., excavation and stockpiling) in progress. Sample locations AH 4, AH 5, SW 3, and SW 4.

Date: Dec 30, 2024



View East - Remediation activities (i.e., excavation and stockpiling) in progress. Sample locations CS 1 thru CS 7, NSW 1, NSW 2, ESW 1, ESW 2, SSW 1, WSW 1, and WSW 2.

Date: Dec 30, 2024



View South - Remediation activities (i.e., excavation and stockpiling) in progress. Sample locations CS 8 thru CS 10, ESW 3, ESW 4, SSW 2, SSW 3, WSW 3, and WSW 4.

Date: Dec 30, 2024



View South - Remediation activities (i.e., excavation and stockpiling) in progress. Sample locations CS 11, CS 12, NSW 3, WSW 5, ESW 5, and SSW 4.

Date: Dec 30, 2024



View South - Remediation activities (i.e., excavation and stockpiling) in progress. Sample locations CS 13, NSW 4, WSW 6, and ESW 6.

Date: Dec 30, 2024



View South - Remediation activities (i.e., excavation and stockpiling) in progress. Sample locations CS 14 thru CS 16, WSW 7, and ESW 7.

Date: Dec 30, 2024



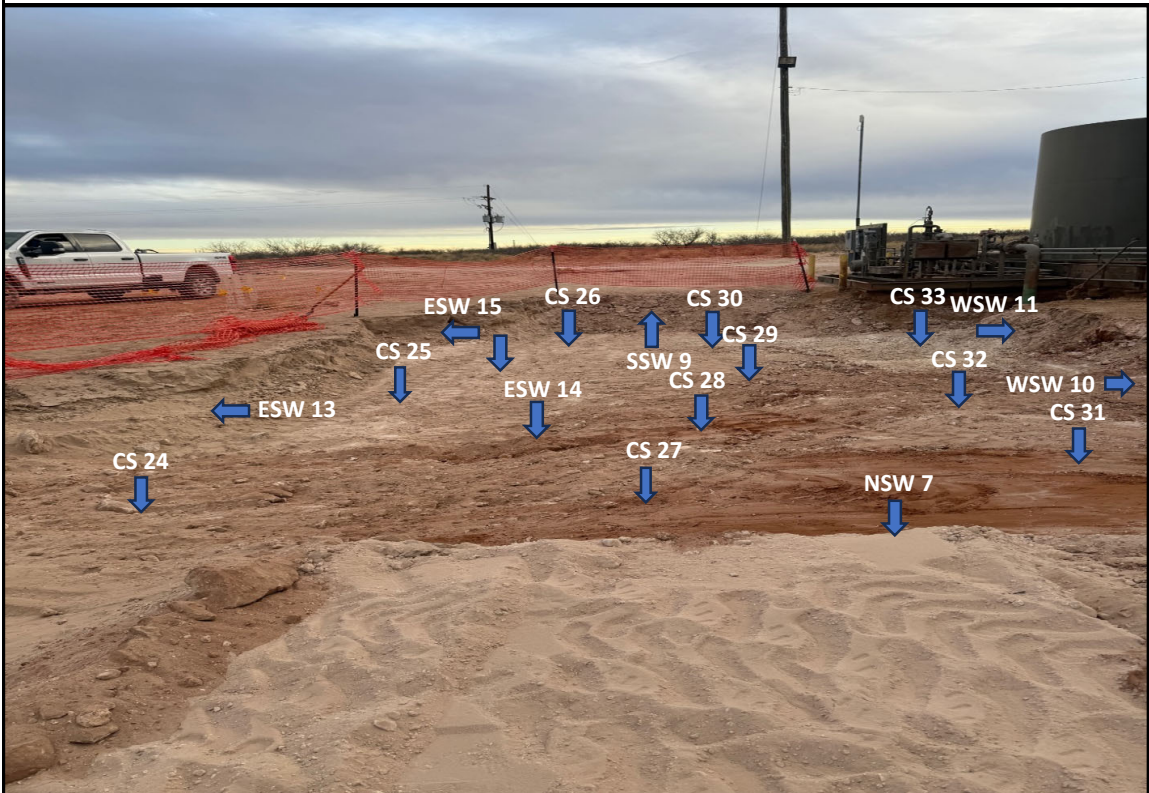
View South - Remediation activities (i.e., excavation and stockpiling) in progress. Sample locations CS 17 thru CS 22, NSW 5, NSW 6, WSW 8, ESW 8 thru ESW11, SSW 6, and SSW 7.

Date: Dec 30, 2024



View South - Remediation activities (i.e., excavation and stockpiling) in progress. Sample locations CS 23, WSW 9, ESW 12, and SSW 8.

Date: Dec 30, 2024



View South - Remediation activities (i.e., excavation and stockpiling) in progress. Sample locations CS 24 thru CS 33, NSW 7, WSW 10, WSW 11, ESW 13 thru ESW 15, and SSW 9.

Date: Dec 30, 2024



View South - Remediation activities (i.e., excavation and stockpiling) in progress. Sample locations CS 15A, NSW 9, WSW 12, WSW 13, ESW 16, and SSW 10. Date: Jan 13, 2025



View South - Remediation activities (i.e., excavation and stockpiling) in progress. Sample locations CS 18A, NSW 10, NSW 12, and ESW 17. Date: Jan 13, 2025



1/13/25, 11:30 AM
 +32.194850,-103.629629
 ETC G&P-Double X Federal #4 LACT Release

View South - Remediation activities (i.e., excavation and stockpiling) in progress. Sample location SSW 8A.

Date: Jan 13, 2025



1/13/25, 11:30 AM
 +32.194756,-103.629644
 ETC G&P-Double X Federal #4 LACT Release

View South - Remediation activities (i.e., excavation and stockpiling) in progress. Sample locations CS 30A, CS 33A, NSW 11, WSW 11A, ESW 18, ESW 19, and SSW 10.

Date: Jan 13, 2025



January 23, 2025
+32.195368,-103.629652
Jal NM 88252
United States

View East - Remediation activities (i.e., backfilling) complete.

Date: Jan 23, 2025



January 23, 2025
+32.194959,-103.629643
Jal NM 88252
United States

View North - Remediation activities (i.e., backfilling) complete.

Date: Jan 23, 2025



January 24, 2025
+32.194522,-103.629704
Jal NM 88252
United States

View North - Remediation activities (i.e., surface contouring within the release footprint) is complete.

Date: Jan 24, 2025



January 24, 2025
+32.194631,-103.629706
Jal NM 88252
United States

View North - Remediation activities (i.e., surface contouring within the release footprint) is complete.

Date: Jan 24, 2025

Appendix D – Tables

Table 1 Delineation Sampling ETC Double X Federal #4 LACT Release Lea County, New Mexico Concentrations of TPH, BTEX, and Chloride in Soil														
Sample ID	Date	Sample Method	Sample Depth (feet)	GRO C6-C10 (mg/Kg)	DRO C28 (mg/Kg)	C10 MRO C28-C36 (mg/Kg)	Total TPH (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	Chloride (mg/Kg)	
NMOC D Limits for Remediation			NE	NE	NE	NE	2,500	10	NE	NE	NE	50	10,000	
AH 1 (EB 2')	11/21/2024	Composite	0-0.5'	6,620	21,000	3,210	30,830	6.54	75.0	32.7	198	312	256	
AH 2 (EB 2')	11/21/2024	Composite	0-0.5'	<10.0	81.5	<10.0	81.5	<0.050	<0.050	<0.050	0.184	<0.300	32.0	
AH 3 (EB 3')	11/21/2024	Composite	0-0.5'	<10.0	40.2	<10.0	40.2	<0.050	0.123	0.090	0.829	1.05	32.0	
AH 4 (EB 1')	11/21/2024	Composite	0-0.5'	1,660	5,820	833	8,313	0.478	19.4	13.6	96.0	130.0	16.0	
AH 5 (EB 1')	11/21/2024	Composite	0-0.5'	<10.0	27.7	<10.0	27.7	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
SW 1	11/21/2024	Composite	0-3'	83.2	788	112	983.2	<0.050	0.725	0.65	5.55	6.92	96.0	
SW 2	11/21/2024	Composite	0-1'	<10.0	14.4	<10.0	14.4	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
SW 3	11/21/2024	Composite	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
SW 4	11/21/2024	Composite	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	0.078	<0.050	<0.150	<0.300	16.0	

mg/Kg - milligrams per Kilograms
 Concentrations in **Bold** exceed NMOC D remedial guidelines
 BTEX - benzene, toluene, ethylbenzene, and xylene

AH - auger hole
 EB - excavated bottom
 NE - not established
 SW - sidewall

Composite - 5-point composite sample
 NMOC D - New Mexico Oil Conservation Division
 Total TPH reported values are rounded-off to 3-significant figures using the LIMS Odd/Even Rounding Rule which is a laboratory accepted standard

Proposed excavation

Table 2 Confirmation Composite Floor Sampling ETC Double X Federal #4 LACT Release Lea County, New Mexico Concentrations of TPH, BTEX, and Chloride in Soil													
Sample ID	Date	Sample Method	Sample Depth (feet)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	Total TPH (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	Chloride (mg/Kg)
NMOCD Limits for Remediation			NE	NE	NE	NE	10	NE	NE	NE	NE	50	10,000
CS 1 (EB 2')	12/27/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16
CS 2 (EB 2')	12/27/2024	Composite	0-0.5'	29.2	1,430	334	1,793.2	<0.050	<0.050	<0.050	0.501	0.501	<16.0
CS 3 (EB 2')	12/27/2024	Composite	0-0.5'	<10.0	460	118	578	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS 4 (EB 2')	12/27/2024	Composite	0-0.5'	<10.0	116	21.9	137.9	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS 5 (EB 2')	12/27/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS 6 (EB 2.5')	12/27/2024	Composite	0-0.5'	<10.0	512	228	740	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS 7 (EB 2.5')	12/27/2024	Composite	0-0.5'	<10.0	167	38.8	205.8	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS 8 (EB 1')	12/27/2024	Composite	0-0.5'	<10.0	1,090	272	1,362	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS 9 (EB 1')	12/27/2024	Composite	0-0.5'	<10.0	340	82.6	422.6	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS 10 (EB 2')	12/27/2024	Composite	0-0.5'	<10.0	970	247	1,217	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS 11 (EB 2')	12/27/2024	Composite	0-0.5'	<10.0	143	37.1	180.1	<0.050	0.096	<0.050	0.210	0.306	48.0
CS 12 (EB 2')	12/27/2024	Composite	0-0.5'	<10.0	129	31.2	160.2	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS 13 (EB 1')	12/27/2024	Composite	0-0.5'	<10.0	255	62.3	317.3	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS 14 (EB 2')	12/27/2024	Composite	0-0.5'	<10.0	53.6	11.0	64.6	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS 15 (EB 2')	12/27/2024	Composite	0-0.5'	71.1	4,060	807	4,938.1	<0.050	0.059	<0.050	0.674	0.733	96.0
CS 15A (EB 2.5')	1/13/2025	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS 16 (EB 2')	12/27/2024	Composite	0-0.5'	<10.0	89.1	31.0	120.1	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS 17 (EB 1')	12/27/2024	Composite	0-0.5'	21.1	1,270	280	1,571.1	<0.050	0.177	0.132	0.986	1.30	32.0
CS 18 (EB 1')	12/27/2024	Composite	0-0.5'	<10.0	3,410	707	4,117	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS 18A (EB 2.5')	1/13/2025	Composite	0-0.5'	<10.0	68.1	<10.0	68.1	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS 19 (EB 2')	12/27/2024	Composite	0-0.5'	<10.0	174	55.5	229.5	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS 20 (EB 2.5')	12/27/2024	Composite	0-0.5'	15.6	2,080	371	2,466.60	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS 21 (EB 2.5')	12/27/2024	Composite	0-0.5'	<10.0	277	62.3	339.3	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS 22 (EB 3')	12/27/2024	Composite	0-0.5'	<10.0	659	125	784	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS 23 (EB 3')	12/27/2024	Composite	0-0.5'	10.0	1,130	212	1,352	<0.050	<0.050	<0.050	0.230	<0.300	32.0
CS 24 (EB 2')	12/27/2024	Composite	0-0.5'	<10.0	126	32.4	158.4	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS 25 (EB 2')	12/27/2024	Composite	0-0.5'	<10.0	433	81.6	514.6	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS 26 (EB 3.5')	12/27/2024	Composite	0-0.5'	<10.0	75.0	17.7	92.7	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS 27 (EB 3')	12/27/2024	Composite	0-0.5'	<10.0	306	75.0	381	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS 28 (EB 3')	12/27/2024	Composite	0-0.5'	<10.0	689	151	840	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS 29 (EB 3')	12/27/2024	Composite	0-0.5'	31.3	2,080	350	2,461.3	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS 30 (EB 3.5')	12/27/2024	Composite	0-0.5'	520	4,670	726	5,916	0.186	1.92	1.73	20.2	24.0	288
CS 30A (EB 4')	1/13/2025	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS 31 (EB 3')	12/27/2024	Composite	0-0.5'	<10.0	297	98.8	395.8	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS 32 (EB 3')	12/27/2024	Composite	0-0.5'	<10.0	710	156	866	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS 33 (EB 3')	12/27/2024	Composite	0-0.5'	<10.0	2,480	493	2,973	<0.050	<0.050	<0.050	<0.150	<0.300	512
CS 33A (EB 4')	1/13/2025	Composite	0-0.5'	<10.0	126	27.0	153	<0.050	<0.050	<0.050	<0.150	<0.300	80.0

mg/Kg - milligrams per Kilograms
 Concentrations in **Bold** exceed NMOCD remedial guidelines
 BTEX - benzene, toluene, ethylbenzene, and xylene
 EB - excavated bottom
 NE - not established
 CS - confirmation sample
 Composite : 5-point composite sample
 NMOCD - New Mexico Oil Conservation Division
 Total TPH reported values are rounded-off to 3-significant figures using the LIMS Odd/Even Rounding Rule which is a laboratory accepted standard
 Proposed excavation

Table 3 Confirmation Composite Sidewall Sampling ETC Double X Federal #4 LACT Release Lea County, New Mexico Concentrations of TPH, BTEX, and Chloride in Soil														
Sample ID	Date	Sample Method	Sample Depth (feet)	GRO C6-C10 (mg/Kg)	DRO C28 (mg/Kg)	C10 (mg/Kg)	MRO C28-C36 (mg/Kg)	Total TPH (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	Chloride (mg/Kg)
NMOCD Limits for Remediation				NE	NE	NE	NE	2,500	10	NE	NE	NE	50	10,000
NSW1 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	201	23.4	224.4	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
NSW2 (EB 1'-2.5')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
NSW3 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
NSW4 (EB 1'-2')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
NSW5 (EB 0-1')	12/30/2024	Composite	0-0.5'	<10.0	109	12.2	121.2	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
NSW6 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
NSW7 (EB 0-3')	12/30/2024	Composite	0-0.5'	<10.0	55.1	30.6	85.7	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
NSW8 (EB 2'-3.5')	12/30/2024	Composite	0-0.5'	<10.0	281.0	19.9	300.9	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
NSW9 (EB 2'-2.5')	1/13/2025	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
NSW10 (EB 1'-2.5')	1/13/2025	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
NSW11 (EB 3'-4')	1/13/2025	Composite	0-0.5'	<10.0	12.2	<10.0	12.2	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	
NSW12 (EB 2.5'-3')	1/13/2025	Composite	0-0.5'	<10.0	28.6	<10.0	28.6	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SSW1 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
SSW2 (EB 1'-2')	12/30/2024	Composite	0-0.5'	<10.0	10.2	<10.0	10.2	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SSW3 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	381	62.1	443.1	<0.050	<0.050	<0.050	0.246	<0.300	<16.0	
SSW4 (EB 1'-2')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	0.058	<0.050	0.190	<0.300	<16.0	
SSW5 (EB 1.5'-2.5')	12/30/2024	Composite	0-0.5'	<10.0	398	64.9	462.9	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
SSW6 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	91.3	<10.0	91.3	<0.050	0.058	<0.050	0.190	<0.300	<16.0	
SSW7 (EB 0-2.5')	12/30/2024	Composite	0-0.5'	<10.0	180	16.3	196.3	<0.050	<0.050	<0.050	0.150	<0.300	<16.0	
SSW8 (EB 2'-3')	12/30/2024	Composite	0-0.5'	109	4,490	739	5,338	<0.050	0.207	0.167	1.44	1.81	<16.0	
SSW8A (EB 2'-3')	1/13/2025	Composite	0-0.5'	<10.0	29.2	<10.0	29.2	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SSW9 (EB 0-3.5')	12/30/2024	Composite	0-0.5'	<10.0	29.2	<10.0	29.2	<0.050	0.058	<0.050	0.190	<0.300	48.0	
SSW10 (EB 2'-2.5')	1/13/2025	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SSW11 (EB 0-4')	1/13/2025	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
WSW1 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
WSW2 (EB 0-2.5')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
WSW3 (EB 0-1')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
WSW4 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
WSW5 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	72.8	<10.0	72.8	<0.050	<0.050	<0.050	0.164	<0.300	16.0	
WSW6 (EB 0-1')	12/30/2024	Composite	0-0.5'	<10.0	171	22.9	193.9	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
WSW7 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
WSW8 (EB 0-2.5')	12/30/2024	Composite	0-0.5'	<10.0	20.6	<10.0	20.6	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
WSW9 (EB 0-3')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	
WSW10 (EB 0-3')	12/30/2024	Composite	0-0.5'	<10.0	1,240	428	2,568	<0.050	<0.050	<0.050	<0.150	<0.300	768	
WSW11 (EB 0-3.5')	12/30/2024	Composite	0-0.5'	<10.0	2,440	425	2,865	<0.050	<0.050	<0.050	<0.150	<0.300		
WSW11A (EB 0-4')	1/13/2025	Composite	0-0.5'	<10.0	418	91.8	509.8	<0.050	<0.050	<0.050	<0.150	<0.300	208	
WSW12 (EB 0-2.5')	1/13/2025	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
WSW13 (EB 0-2')	1/13/2025	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
ESW1 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
ESW2 (EB 0-2.5')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
ESW3 (EB 0-1')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
ESW4 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	628	99.9	727.9	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
ESW5 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	64.3	<10.0	64.3	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
ESW6 (EB 0-1')	12/30/2024	Composite	0-0.5'	<10.0	243	43.4	286.4	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
ESW7 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	385	107	492	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
ESW8 (EB 0-1')	12/30/2024	Composite	0-0.5'	<10.0	142	31.6	173.6	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
ESW9 (EB 1'-2.5')	12/30/2024	Composite	0-0.5'	<10.0	982	185	1,167	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
ESW10 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	13.3	<10.0	13.3	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
ESW11 (EB 0-2.5')	12/30/2024	Composite	0-0.5'	<10.0	128	11.4	139.4	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
ESW12 (EB 0-3')	12/30/2024	Composite	0-0.5'	<10.0	1,280	220	1,500	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
ESW13 (EB 0-2')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
ESW14 (EB 2'-3')	12/30/2024	Composite	0-0.5'	<10.0	190	31.4	221.4	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
ESW15 (EB 0-3.5')	12/30/2024	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
ESW16 (EB 0-2.5')	1/13/2025	Composite	0-0.5'	<10.0	38.3	<10.0	38.3	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
ESW17 (EB 2'-2.5')	1/13/2025	Composite	0-0.5'	<10.0	119	11.8	130.8	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
ESW18 (EB 3'-4')	1/13/2025	Composite	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
ESW19 (EB 3.5'-4')	1/13/2025	Composite	0-0.5'	<10.0	72.2	<10.0	72.2	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	

mg/Kg - milligrams per Kilograms

Concentration in Bold exceeds NMOCD remedial guidelines

BTEX - benzene, toluene, ethylbenzene, and xylene

EB - excavated bottom

NE - not established

NSW - north sidewall

SSW - south sidewall

ESW - east sidewall

WSW - west sidewall

Composite : 5-point composite sample

NMOCD - New Mexico Oil Conservation Division

Total TPH reported values are rounded-off to 3-significant figures using the LIMS Odd/Even Rounding Rule which is a laboratory accepted standard

Proposed excavation

Appendix E – Laboratory Data Sheets & Chain of Custody Documentation



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

November 27, 2024

PEYTON OLIVER
PRECISION NDT
1624 E C.R. 140
MIDLAND, TX 79706

RE: DOUBLE X FEDERAL #4 LACT RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/21/24 14:58.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive.

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



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

Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	11/21/2024	Sampling Date:	11/21/2024
Reported:	11/27/2024	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	ETC GATHERING & PROCESSING - LEA C		

Sample ID: AH 1 (EB 2') 0-0.5' (H247157-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	6.54	2.00	11/26/2024	ND	2.17	108	2.00	7.15	
Toluene*	75.0	2.00	11/26/2024	ND	2.07	103	2.00	6.40	
Ethylbenzene*	32.7	2.00	11/26/2024	ND	2.06	103	2.00	5.97	
Total Xylenes*	198	6.00	11/26/2024	ND	6.10	102	6.00	6.14	
Total BTEX	312	12.0	11/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	6620	50.0	11/25/2024	ND	196	98.0	200	0.240		
DRO >C10-C28*	21000	50.0	11/25/2024	ND	181	90.5	200	0.660		
EXT DRO >C28-C36	3210	50.0	11/25/2024	ND						

Surrogate: 1-Chlorooctane 837 % 48.2-134

Surrogate: 1-Chlorooctadecane 420 % 49.1-148

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



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

Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	11/21/2024	Sampling Date:	11/21/2024
Reported:	11/27/2024	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	ETC GATHERING & PROCESSING - LEA C		

Sample ID: AH 2 (EB 2') 0-0.5' (H247157-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2024	ND	2.17	108	2.00	7.15	
Toluene*	<0.050	0.050	11/25/2024	ND	2.07	103	2.00	6.40	
Ethylbenzene*	<0.050	0.050	11/25/2024	ND	2.06	103	2.00	5.97	
Total Xylenes*	0.184	0.150	11/25/2024	ND	6.10	102	6.00	6.14	
Total BTEX	<0.300	0.300	11/25/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	196	98.0	200	0.240	
DRO >C10-C28*	81.5	10.0	11/25/2024	ND	181	90.5	200	0.660	
EXT DRO >C28-C36	<10.0	10.0	11/25/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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



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

Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	11/21/2024	Sampling Date:	11/21/2024
Reported:	11/27/2024	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	ETC GATHERING & PROCESSING - LEA C		

Sample ID: AH 3 (EB 3') 0-0.5' (H247157-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2024	ND	2.17	108	2.00	7.15	
Toluene*	0.123	0.050	11/25/2024	ND	2.07	103	2.00	6.40	
Ethylbenzene*	0.090	0.050	11/25/2024	ND	2.06	103	2.00	5.97	
Total Xylenes*	0.829	0.150	11/25/2024	ND	6.10	102	6.00	6.14	
Total BTEX	1.05	0.300	11/25/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	196	98.0	200	0.240	
DRO >C10-C28*	40.2	10.0	11/25/2024	ND	181	90.5	200	0.660	
EXT DRO >C28-C36	<10.0	10.0	11/25/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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



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

Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	11/21/2024	Sampling Date:	11/21/2024
Reported:	11/27/2024	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	ETC GATHERING & PROCESSING - LEA C		

Sample ID: AH 4 (EB 1') 0-0.5' (H247157-04)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.478	0.200	11/26/2024	ND	2.17	108	2.00	7.15	
Toluene*	19.4	0.200	11/26/2024	ND	2.07	103	2.00	6.40	
Ethylbenzene*	13.6	0.200	11/26/2024	ND	2.06	103	2.00	5.97	
Total Xylenes*	96.0	0.600	11/26/2024	ND	6.10	102	6.00	6.14	
Total BTEX	130	1.20	11/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 263 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1660	10.0	11/25/2024	ND	196	98.0	200	0.240	
DRO >C10-C28*	5820	10.0	11/25/2024	ND	181	90.5	200	0.660	
EXT DRO >C28-C36	833	10.0	11/25/2024	ND					

Surrogate: 1-Chlorooctane 274 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 49.1-148

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



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

Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	11/21/2024	Sampling Date:	11/21/2024
Reported:	11/27/2024	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	ETC GATHERING & PROCESSING - LEA C		

Sample ID: AH 5 (EB 1') 0-0.5' (H247157-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2024	ND	2.17	108	2.00	7.15	
Toluene*	<0.050	0.050	11/25/2024	ND	2.07	103	2.00	6.40	
Ethylbenzene*	<0.050	0.050	11/25/2024	ND	2.06	103	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/25/2024	ND	6.10	102	6.00	6.14	
Total BTEX	<0.300	0.300	11/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	196	98.0	200	0.240	
DRO >C10-C28*	27.7	10.0	11/25/2024	ND	181	90.5	200	0.660	
EXT DRO >C28-C36	<10.0	10.0	11/25/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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



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

Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	11/21/2024	Sampling Date:	11/21/2024
Reported:	11/27/2024	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	ETC GATHERING & PROCESSING - LEA C		

Sample ID: SW 1 (0-3') (H247157-06)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2024	ND	2.17	108	2.00	7.15	
Toluene*	0.725	0.050	11/25/2024	ND	2.07	103	2.00	6.40	
Ethylbenzene*	0.650	0.050	11/25/2024	ND	2.06	103	2.00	5.97	
Total Xylenes*	5.55	0.150	11/25/2024	ND	6.10	102	6.00	6.14	
Total BTEX	6.92	0.300	11/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 187 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/26/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	83.2	10.0	11/25/2024	ND	196	98.0	200	0.240	
DRO >C10-C28*	788	10.0	11/25/2024	ND	181	90.5	200	0.660	
EXT DRO >C28-C36	112	10.0	11/25/2024	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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



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

Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	11/21/2024	Sampling Date:	11/21/2024
Reported:	11/27/2024	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	ETC GATHERING & PROCESSING - LEA C		

Sample ID: SW 2 (0-1') (H247157-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2024	ND	2.17	108	2.00	7.15	
Toluene*	<0.050	0.050	11/25/2024	ND	2.07	103	2.00	6.40	
Ethylbenzene*	<0.050	0.050	11/25/2024	ND	2.06	103	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/25/2024	ND	6.10	102	6.00	6.14	
Total BTEX	<0.300	0.300	11/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/26/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	196	98.0	200	0.240	
DRO >C10-C28*	14.4	10.0	11/25/2024	ND	181	90.5	200	0.660	
EXT DRO >C28-C36	<10.0	10.0	11/25/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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



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

Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	11/21/2024	Sampling Date:	11/21/2024
Reported:	11/27/2024	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	ETC GATHERING & PROCESSING - LEA C		

Sample ID: SW 3 (0-1') (H247157-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/25/2024	ND	2.17	108	2.00	7.15		
Toluene*	<0.050	0.050	11/25/2024	ND	2.07	103	2.00	6.40		
Ethylbenzene*	<0.050	0.050	11/25/2024	ND	2.06	103	2.00	5.97		
Total Xylenes*	<0.150	0.150	11/25/2024	ND	6.10	102	6.00	6.14		
Total BTEX	<0.300	0.300	11/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/26/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	196	98.0	200	0.240		
DRO >C10-C28*	<10.0	10.0	11/25/2024	ND	181	90.5	200	0.660		
EXT DRO >C28-C36	<10.0	10.0	11/25/2024	ND						

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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



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Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	11/21/2024	Sampling Date:	11/21/2024
Reported:	11/27/2024	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	ETC GATHERING & PROCESSING - LEA C		

Sample ID: SW 4 (0-1') (H247157-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2024	ND	2.17	108	2.00	7.15	
Toluene*	0.078	0.050	11/25/2024	ND	2.07	103	2.00	6.40	
Ethylbenzene*	<0.050	0.050	11/25/2024	ND	2.06	103	2.00	5.97	
Total Xylenes*	<0.150	0.150	11/25/2024	ND	6.10	102	6.00	6.14	
Total BTEX	<0.300	0.300	11/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/26/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	204	102	200	0.969	
DRO >C10-C28*	<10.0	10.0	11/25/2024	ND	182	90.8	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/25/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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



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Notes and Definitions

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

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Handwritten signature of Mike Snyder

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



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

January 03, 2025

PEYTON OLIVER
PRECISION NDT
1624 E C.R. 140
MIDLAND, TX 79706

RE: DOUBLE X FEDERAL #4 LACT RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 12/27/24 14:47.

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



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

Analytical Results For:

PRECISION NDT
1624 E C.R. 140
MIDLAND TX, 79706

Project: DOUBLE X FEDERAL #4 LACT RELI
Project Number: NONE GIVEN
Project Manager: PEYTON OLIVER
Fax To: (575) 214-6030

Reported:
03-Jan-25 16:58

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS 1 (EB 2') 0-0.5'	H247773-01	Soil	27-Dec-24 09:00	27-Dec-24 14:47
CS 2 (EB 2') 0-0.5'	H247773-02	Soil	27-Dec-24 09:05	27-Dec-24 14:47
CS 3 (EB 2') 0-0.5'	H247773-03	Soil	27-Dec-24 09:10	27-Dec-24 14:47
CS 4 (EB 2') 0-0.5'	H247773-04	Soil	27-Dec-24 09:15	27-Dec-24 14:47
CS 5 (EB 2') 0-0.5'	H247773-05	Soil	27-Dec-24 09:20	27-Dec-24 14:47
CS 6 (EB 2.5') 0-0.5'	H247773-06	Soil	27-Dec-24 09:25	27-Dec-24 14:47
CS 7 (EB 2.5') 0-0.5'	H247773-07	Soil	27-Dec-24 09:30	27-Dec-24 14:47
CS 8 (EB 1') 0-0.5'	H247773-08	Soil	27-Dec-24 09:35	27-Dec-24 14:47
CS 9 (EB 1') 0-0.5'	H247773-09	Soil	27-Dec-24 09:40	27-Dec-24 14:47
CS 10 (EB 2') 0-0.5'	H247773-10	Soil	27-Dec-24 09:45	27-Dec-24 14:47
CS 11 (EB 2') 0-0.5'	H247773-11	Soil	27-Dec-24 09:50	27-Dec-24 14:47
CS 12 (EB 2') 0-0.5'	H247773-12	Soil	27-Dec-24 09:55	27-Dec-24 14:47
CS 13 (EB 1') 0-0.5'	H247773-13	Soil	27-Dec-24 10:00	27-Dec-24 14:47
CS 14 (EB 2') 0-0.5'	H247773-14	Soil	27-Dec-24 10:05	27-Dec-24 14:47
CS 15 (EB 2') 0-0.5'	H247773-15	Soil	27-Dec-24 10:10	27-Dec-24 14:47
CS 16 (EB 2') 0-0.5'	H247773-16	Soil	27-Dec-24 10:15	27-Dec-24 14:47
CS 17 (EB 1') 0-0.5'	H247773-17	Soil	27-Dec-24 10:20	27-Dec-24 14:47
CS 18 (EB 1') 0-0.5'	H247773-18	Soil	27-Dec-24 10:25	27-Dec-24 14:47
CS 19 (EB 2') 0-0.5'	H247773-19	Soil	27-Dec-24 10:30	27-Dec-24 14:47
CS 20 (EB 2.5') 0-0.5'	H247773-20	Soil	27-Dec-24 10:35	27-Dec-24 14:47
CS 21 (EB 2.5') 0-0.5'	H247773-21	Soil	27-Dec-24 10:40	27-Dec-24 14:47
CS 22 (EB 3') 0-0.5'	H247773-22	Soil	27-Dec-24 10:45	27-Dec-24 14:47
CS 23 (EB 3') 0-0.5'	H247773-23	Soil	27-Dec-24 10:50	27-Dec-24 14:47
CS 24 (EB 2') 0-0.5'	H247773-24	Soil	27-Dec-24 10:55	27-Dec-24 14:47
CS 25 (EB 2') 0-0.5'	H247773-25	Soil	27-Dec-24 11:00	27-Dec-24 14:47
CS 26 (EB 3.5') 0-0.5'	H247773-26	Soil	27-Dec-24 11:05	27-Dec-24 14:47
CS 27 (EB 3") 0-0.5'	H247773-27	Soil	27-Dec-24 11:10	27-Dec-24 14:47

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 28 (EB 3") 0-0.5'	H247773-28	Soil	27-Dec-24 11:15	27-Dec-24 14:47
CS 29 (EB 3') 0-0.5'	H247773-29	Soil	27-Dec-24 11:20	27-Dec-24 14:47
CS 30 (EB 3.5') 0-0.5'	H247773-30	Soil	27-Dec-24 11:25	27-Dec-24 14:47
CS 31 (EB 3") 0-0.5'	H247773-31	Soil	27-Dec-24 11:30	27-Dec-24 14:47
CS 32 (EB 3") 0-0.5'	H247773-32	Soil	27-Dec-24 11:35	27-Dec-24 14:47
CS 33 (EB 3') 0-0.5'	H247773-33	Soil	27-Dec-24 11:40	27-Dec-24 14:47

01/03/25 - Client changed several sample IDs (see COC). This is the revised report and will replace the one sent on 12/31/24.

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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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**CS 1 (EB 2') 0-0.5'
H247773-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			98.2 %	71.5-134		4122717	JH	27-Dec-24	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
Surrogate: 1-Chlorooctane			94.1 %	48.2-134		4122706	MS	27-Dec-24	8015B	
Surrogate: 1-Chlorooctadecane			93.8 %	49.1-148		4122706	MS	27-Dec-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 2 (EB 2') 0-0.5'

H247773-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total Xylenes*	0.501		0.150	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total BTEX	0.501		0.300	mg/kg	50	4122717	JH	27-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5-134		4122717	JH	27-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	29.2		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
DRO >C10-C28*	1430		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
EXT DRO >C28-C36	334		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			106 %	48.2-134		4122706	MS	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			115 %	49.1-148		4122706	MS	27-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 3 (EB 2') 0-0.5'

H247773-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122717	JH	27-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.8 %		71.5-134	4122717	JH	27-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
DRO >C10-C28*	460		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
EXT DRO >C28-C36	118		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			113 %		48.2-134	4122706	MS	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			115 %		49.1-148	4122706	MS	27-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 4 (EB 2') 0-0.5'

H247773-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122717	JH	27-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.7 %	71.5-134		4122717	JH	27-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
DRO >C10-C28*	116		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
EXT DRO >C28-C36	21.9		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			115 %	48.2-134		4122706	MS	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			118 %	49.1-148		4122706	MS	27-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 5 (EB 2') 0-0.5'

H247773-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122717	JH	27-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.7 %		71.5-134	4122717	JH	27-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			82.2 %		48.2-134	4122706	MS	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			81.0 %		49.1-148	4122706	MS	27-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 6 (EB 2.5') 0-0.5'

H247773-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122717	JH	27-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.7 %		71.5-134	4122717	JH	27-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
DRO >C10-C28*	512		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
EXT DRO >C28-C36	228		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			92.0 %		48.2-134	4122706	MS	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			92.4 %		49.1-148	4122706	MS	27-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 7 (EB 2.5') 0-0.5'

H247773-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122717	JH	27-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.1 %	71.5-134		4122717	JH	27-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
DRO >C10-C28*	167		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
EXT DRO >C28-C36	38.8		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			87.7 %	48.2-134		4122706	MS	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			90.0 %	49.1-148		4122706	MS	27-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 8 (EB 1') 0-0.5'
H247773-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122717	JH	27-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.7 %	71.5-134		4122717	JH	27-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
DRO >C10-C28*	1090		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
EXT DRO >C28-C36	272		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			114 %	48.2-134		4122706	MS	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			119 %	49.1-148		4122706	MS	27-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 9 (EB 1') 0-0.5'

H247773-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122717	JH	27-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.6 %	71.5-134		4122717	JH	27-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
DRO >C10-C28*	340		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
EXT DRO >C28-C36	82.6		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			102 %	48.2-134		4122706	MS	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			105 %	49.1-148		4122706	MS	27-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 10 (EB 2') 0-0.5'

H247773-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122717	JH	27-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.2 %	71.5-134		4122717	JH	27-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
DRO >C10-C28*	970		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
EXT DRO >C28-C36	247		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			88.9 %	48.2-134		4122706	MS	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			98.4 %	49.1-148		4122706	MS	27-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 11 (EB 2') 0-0.5'

H247773-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Toluene*	0.096		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total Xylenes*	0.210		0.150	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total BTEX	0.306		0.300	mg/kg	50	4122717	JH	27-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			100 %	71.5-134		4122717	JH	27-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
DRO >C10-C28*	143		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
EXT DRO >C28-C36	37.1		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.7 %	48.2-134		4122706	MS	27-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			88.8 %	49.1-148		4122706	MS	27-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 12 (EB 2') 0-0.5'

H247773-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122717	JH	27-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122717	JH	27-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.5 %	71.5-134		4122717	JH	27-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
DRO >C10-C28*	129		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
EXT DRO >C28-C36	31.2		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			96.3 %	48.2-134		4122706	MS	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			98.2 %	49.1-148		4122706	MS	27-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 13 (EB 1') 0-0.5'

H247773-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.5 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
DRO >C10-C28*	255		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
EXT DRO >C28-C36	62.3		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			85.3 %	48.2-134		4122706	MS	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			88.9 %	49.1-148		4122706	MS	27-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 14 (EB 2') 0-0.5'

H247773-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.5 %		71.5-134	4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
DRO >C10-C28*	53.6		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	
EXT DRO >C28-C36	11.0		10.0	mg/kg	1	4122706	MS	27-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			116 %		48.2-134	4122706	MS	27-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			119 %		49.1-148	4122706	MS	27-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 15 (EB 2') 0-0.5'

H247773-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	96.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	0.059		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	0.674		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	0.733		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	71.1		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	
DRO >C10-C28*	4060		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	
EXT DRO >C28-C36	807		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	

Surrogate: 1-Chlorooctane			129 %	48.2-134		4122706	MS	28-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			118 %	49.1-148		4122706	MS	28-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 16 (EB 2') 0-0.5'

H247773-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.4 %		71.5-134	4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	
DRO >C10-C28*	89.1		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	
EXT DRO >C28-C36	31.0		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			74.0 %		48.2-134	4122706	MS	28-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			76.7 %		49.1-148	4122706	MS	28-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 17 (EB 1') 0-0.5'

H247773-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	0.177		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	0.132		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	0.986		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	1.30		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	21.1		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	
DRO >C10-C28*	1270		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	
EXT DRO >C28-C36	280		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	

Surrogate: 1-Chlorooctane			91.6 %	48.2-134		4122706	MS	28-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			107 %	49.1-148		4122706	MS	28-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 18 (EB 1') 0-0.5'

H247773-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.5 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	
DRO >C10-C28*	3410		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	
EXT DRO >C28-C36	707		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	

Surrogate: 1-Chlorooctane			112 %	48.2-134		4122706	MS	28-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			119 %	49.1-148		4122706	MS	28-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 19 (EB 2') 0-0.5'

H247773-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	4123014	KV	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.5 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	
DRO >C10-C28*	174		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	
EXT DRO >C28-C36	55.5		10.0	mg/kg	1	4122706	MS	28-Dec-24	8015B	

Surrogate: 1-Chlorooctane			77.0 %	48.2-134		4122706	MS	28-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			80.0 %	49.1-148		4122706	MS	28-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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**CS 20 (EB 2.5') 0-0.5'
H247773-20 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123011	HM	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.6 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

S-04

GRO C6-C10*	15.6		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
DRO >C10-C28*	2080		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
EXT DRO >C28-C36	371		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			107 %	48.2-134		4122716	ms	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			180 %	49.1-148		4122716	ms	27-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 21 (EB 2.5') 0-0.5'

H247773-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	4123011	HM	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.0 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
DRO >C10-C28*	277		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
EXT DRO >C28-C36	62.3		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.9 %	48.2-134		4122716	ms	27-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			104 %	49.1-148		4122716	ms	27-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 22 (EB 3') 0-0.5'

H247773-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	4123011	HM	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.2 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
DRO >C10-C28*	659		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
EXT DRO >C28-C36	125		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			77.2 %	48.2-134		4122716	ms	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			104 %	49.1-148		4122716	ms	27-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 23 (EB 3') 0-0.5'

H247773-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	4123011	HM	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	0.230		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.3 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	10.0		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
DRO >C10-C28*	1130		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
EXT DRO >C28-C36	212		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			94.2 %	48.2-134		4122716	ms	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			137 %	49.1-148		4122716	ms	27-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 24 (EB 2') 0-0.5'

H247773-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	4123011	HM	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.5 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
DRO >C10-C28*	126		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
EXT DRO >C28-C36	32.4		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			93.3 %	48.2-134		4122716	ms	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			104 %	49.1-148		4122716	ms	27-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 25 (EB 2') 0-0.5'

H247773-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	4123011	HM	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.9 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
DRO >C10-C28*	433		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
EXT DRO >C28-C36	81.6		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			93.8 %	48.2-134		4122716	ms	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			112 %	49.1-148		4122716	ms	27-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 26 (EB 3.5') 0-0.5'

H247773-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	4123011	HM	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.3 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
DRO >C10-C28*	75.0		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
EXT DRO >C28-C36	17.7		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			92.6 %	48.2-134		4122716	ms	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			100 %	49.1-148		4122716	ms	27-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 27 (EB 3") 0-0.5'

H247773-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	4123011	HM	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.4 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
DRO >C10-C28*	306		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
EXT DRO >C28-C36	75.0		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			88.3 %	48.2-134		4122716	ms	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			106 %	49.1-148		4122716	ms	27-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 28 (EB 3") 0-0.5'

H247773-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	4123011	HM	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.8 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
DRO >C10-C28*	689		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
EXT DRO >C28-C36	151		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			93.9 %	48.2-134		4122716	ms	27-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			122 %	49.1-148		4122716	ms	27-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 29 (EB 3') 0-0.5'

H247773-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	96.0		16.0	mg/kg	4	4123011	HM	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	31.3		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
DRO >C10-C28*	2080		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
EXT DRO >C28-C36	350		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			105 %	48.2-134		4122716	ms	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			119 %	49.1-148		4122716	ms	27-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 30 (EB 3.5') 0-0.5'

H247773-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	288		16.0	mg/kg	4	4123011	HM	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

S-04

Benzene*	0.186		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	1.92		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	1.73		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	20.2		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	24.0		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			261 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

S-04

GRO C6-C10*	520		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
DRO >C10-C28*	4670		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
EXT DRO >C28-C36	726		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			170 %	48.2-134		4122716	ms	27-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			143 %	49.1-148		4122716	ms	27-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 31 (EB 3") 0-0.5'

H247773-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	112		16.0	mg/kg	4	4123011	HM	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.0 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
DRO >C10-C28*	297		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
EXT DRO >C28-C36	98.8		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			92.7 %	48.2-134		4122716	ms	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			111 %	49.1-148		4122716	ms	27-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 32 (EB 3") 0-0.5'

H247773-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	96.0		16.0	mg/kg	4	4123011	HM	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122718	JH	28-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122718	JH	28-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.8 %	71.5-134		4122718	JH	28-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
DRO >C10-C28*	710		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	
EXT DRO >C28-C36	156		10.0	mg/kg	1	4122716	ms	27-Dec-24	8015B	

Surrogate: 1-Chlorooctane			91.0 %	48.2-134		4122716	ms	27-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			108 %	49.1-148		4122716	ms	27-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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CS 33 (EB 3') 0-0.5'

H247773-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	512		16.0	mg/kg	4	4123011	HM	30-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123007	JH	30-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123007	JH	30-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123007	JH	30-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123007	JH	30-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123007	JH	30-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.5 %		71.5-134	4123007	JH	30-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122716	ms	28-Dec-24	8015B	
DRO >C10-C28*	2480		10.0	mg/kg	1	4122716	ms	28-Dec-24	8015B	
EXT DRO >C28-C36	493		10.0	mg/kg	1	4122716	ms	28-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.4 %		48.2-134	4122716	ms	28-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			118 %		49.1-148	4122716	ms	28-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT RELÉ Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4123011 - 1:4 DI Water										
Blank (4123011-BLK1) Prepared & Analyzed: 30-Dec-24										
Chloride	ND	16.0	mg/kg							
LCS (4123011-BS1) Prepared & Analyzed: 30-Dec-24										
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4123011-BSD1) Prepared & Analyzed: 30-Dec-24										
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
Batch 4123014 - 1:4 DI Water										
Blank (4123014-BLK1) Prepared & Analyzed: 30-Dec-24										
Chloride	ND	16.0	mg/kg							
LCS (4123014-BS1) Prepared & Analyzed: 30-Dec-24										
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4123014-BSD1) Prepared & Analyzed: 30-Dec-24										
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	

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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4122717 - Volatiles

Blank (4122717-BLK1)

Prepared & Analyzed: 27-Dec-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		97.5	71.5-134			

LCS (4122717-BS1)

Prepared & Analyzed: 27-Dec-24

Benzene	2.00	0.050	mg/kg	2.00		100	82.8-130			
Toluene	2.08	0.050	mg/kg	2.00		104	86-128			
Ethylbenzene	2.01	0.050	mg/kg	2.00		101	85.9-128			
m,p-Xylene	3.91	0.100	mg/kg	4.00		97.7	89-129			
o-Xylene	1.97	0.050	mg/kg	2.00		98.6	86.1-125			
Total Xylenes	5.88	0.150	mg/kg	6.00		98.0	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0474		mg/kg	0.0500		94.8	71.5-134			

LCS Dup (4122717-BSD1)

Prepared & Analyzed: 27-Dec-24

Benzene	1.96	0.050	mg/kg	2.00		97.8	82.8-130	2.46	15.8	
Toluene	2.03	0.050	mg/kg	2.00		102	86-128	2.11	15.9	
Ethylbenzene	1.97	0.050	mg/kg	2.00		98.3	85.9-128	2.31	16	
m,p-Xylene	3.83	0.100	mg/kg	4.00		95.7	89-129	2.06	16.2	
o-Xylene	1.94	0.050	mg/kg	2.00		97.2	86.1-125	1.35	16.7	
Total Xylenes	5.77	0.150	mg/kg	6.00		96.2	88.2-128	1.82	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0481		mg/kg	0.0500		96.1	71.5-134			

Batch 4122718 - Volatiles

Blank (4122718-BLK1)

Prepared: 27-Dec-24 Analyzed: 28-Dec-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
---	---	------------------------------

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 4122718 - Volatiles

Blank (4122718-BLK1) Prepared: 27-Dec-24 Analyzed: 28-Dec-24

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		98.4	71.5-134			

LCS (4122718-BS1) Prepared & Analyzed: 27-Dec-24

Benzene	1.98	0.050	mg/kg	2.00		99.2	82.8-130			
Toluene	2.05	0.050	mg/kg	2.00		103	86-128			
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.1	85.9-128			
m,p-Xylene	3.86	0.100	mg/kg	4.00		96.5	89-129			
o-Xylene	1.95	0.050	mg/kg	2.00		97.4	86.1-125			
Total Xylenes	5.81	0.150	mg/kg	6.00		96.8	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0481		mg/kg	0.0500		96.2	71.5-134			

LCS Dup (4122718-BSD1) Prepared & Analyzed: 27-Dec-24

Benzene	1.96	0.050	mg/kg	2.00		98.0	82.8-130	1.16	15.8	
Toluene	2.03	0.050	mg/kg	2.00		101	86-128	1.25	15.9	
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.6	85.9-128	1.47	16	
m,p-Xylene	3.80	0.100	mg/kg	4.00		95.0	89-129	1.54	16.2	
o-Xylene	1.93	0.050	mg/kg	2.00		96.4	86.1-125	0.998	16.7	
Total Xylenes	5.73	0.150	mg/kg	6.00		95.5	88.2-128	1.36	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0481		mg/kg	0.0500		96.1	71.5-134			

Batch 4123007 - Volatiles

Blank (4123007-BLK1) Prepared & Analyzed: 30-Dec-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		98.4	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
---	---	------------------------------

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4123007 - Volatiles

LCS (4123007-BS1)

Prepared & Analyzed: 30-Dec-24

Benzene	1.98	0.050	mg/kg	2.00		99.0	82.8-130			
Toluene	2.04	0.050	mg/kg	2.00		102	86-128			
Ethylbenzene	1.96	0.050	mg/kg	2.00		97.8	85.9-128			
m,p-Xylene	3.81	0.100	mg/kg	4.00		95.2	89-129			
o-Xylene	1.93	0.050	mg/kg	2.00		96.3	86.1-125			
Total Xylenes	5.73	0.150	mg/kg	6.00		95.6	88.2-128			

Surrogate: 4-Bromofluorobenzene (PID)

0.0474 mg/kg 0.0500 94.9 71.5-134

LCS Dup (4123007-BS1)

Prepared & Analyzed: 30-Dec-24

Benzene	2.06	0.050	mg/kg	2.00		103	82.8-130	3.83	15.8	
Toluene	2.12	0.050	mg/kg	2.00		106	86-128	3.46	15.9	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	85.9-128	3.43	16	
m,p-Xylene	3.93	0.100	mg/kg	4.00		98.2	89-129	3.11	16.2	
o-Xylene	1.97	0.050	mg/kg	2.00		98.6	86.1-125	2.36	16.7	
Total Xylenes	5.90	0.150	mg/kg	6.00		98.3	88.2-128	2.86	16.3	

Surrogate: 4-Bromofluorobenzene (PID)

0.0471 mg/kg 0.0500 94.2 71.5-134

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
---	---	------------------------------

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4122706 - General Prep - Organics

Blank (4122706-BLK1)		Prepared & Analyzed: 27-Dec-24								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	50.7		mg/kg	50.0		101	48.2-134			
Surrogate: 1-Chlorooctadecane	50.0		mg/kg	50.0		100	49.1-148			

LCS (4122706-BS1)		Prepared & Analyzed: 27-Dec-24								
GRO C6-C10	209	10.0	mg/kg	200		105	81.5-123			
DRO >C10-C28	202	10.0	mg/kg	200		101	77.7-122			
Total TPH C6-C28	411	10.0	mg/kg	400		103	80.9-121			
Surrogate: 1-Chlorooctane	53.1		mg/kg	50.0		106	48.2-134			
Surrogate: 1-Chlorooctadecane	50.0		mg/kg	50.0		99.9	49.1-148			

LCS Dup (4122706-BSD1)		Prepared & Analyzed: 27-Dec-24								
GRO C6-C10	212	10.0	mg/kg	200		106	81.5-123	1.13	13	
DRO >C10-C28	213	10.0	mg/kg	200		107	77.7-122	5.40	15.6	
Total TPH C6-C28	425	10.0	mg/kg	400		106	80.9-121	3.25	18.5	
Surrogate: 1-Chlorooctane	52.4		mg/kg	50.0		105	48.2-134			
Surrogate: 1-Chlorooctadecane	49.4		mg/kg	50.0		98.9	49.1-148			

Batch 4122716 - General Prep - Organics

Blank (4122716-BLK1)		Prepared & Analyzed: 27-Dec-24								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.9		mg/kg	50.0		99.9	48.2-134			
Surrogate: 1-Chlorooctadecane	53.5		mg/kg	50.0		107	49.1-148			

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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 03-Jan-25 16:58
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4122716 - General Prep - Organics

LCS (4122716-BS1)

Prepared & Analyzed: 27-Dec-24

GRO C6-C10	215	10.0	mg/kg	200		108	81.5-123			
DRO >C10-C28	215	10.0	mg/kg	200		108	77.7-122			
Total TPH C6-C28	430	10.0	mg/kg	400		108	80.9-121			
Surrogate: 1-Chlorooctane	56.9		mg/kg	50.0		114	48.2-134			
Surrogate: 1-Chlorooctadecane	62.6		mg/kg	50.0		125	49.1-148			

LCS Dup (4122716-BSD1)

Prepared & Analyzed: 27-Dec-24

GRO C6-C10	209	10.0	mg/kg	200		105	81.5-123	2.84	13	
DRO >C10-C28	201	10.0	mg/kg	200		100	77.7-122	6.97	15.6	
Total TPH C6-C28	410	10.0	mg/kg	400		102	80.9-121	4.88	18.5	
Surrogate: 1-Chlorooctane	57.7		mg/kg	50.0		115	48.2-134			
Surrogate: 1-Chlorooctadecane	60.6		mg/kg	50.0		121	49.1-148			

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Precision Group

1624 East County Rd 140
Texas 79706
Tel (575) 234-1152
Fax (575) 214-6030

Midland,

Client Name: ETC Gathering & Processing

Site Manager: Peyton Oliver

Project Name: Double X Federal #4 LACT Release

Project Location: Lea County, NM

Project #: Project #:

Invoice to: Energy Transfer - Ryan Reich

Receiving Laboratory: Cardinal Laboratories

Sampler Signature: Miguel Deluna

Comments: *Please send results to all*
peyton.oliver@pndtlc.com

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION		SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)
	DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None		

1	CS 1	(EB 2.1)	0-0.5'	12-27-24	0900	X	X	X	1	
2	CS 2	(EB 7.5)	0-0.5'	12-27-24	0905	X	X	X	1	
3	CS 3	(EB 7.5)	0-0.5'	12-27-24	0910	X	X	X	1	
4	CS 4	(EB 2.1)	*0-0.5'	12-27-24	0915	X	X	X	1	
5	CS 5	(EB 1.5)	0-0.5'	12-27-24	0920	X	X	X	1	
6	CS 6	(EB 2.5)	0-0.5'	12-27-24	0925	X	X	X	1	
7	CS 7	(EB 2.5)	0-0.5'	12-27-24	0930	X	X	X	1	
8	CS 8	(EB 1.1)	0-0.5'	12-27-24	0935	X	X	X	1	
9	CS 9	(EB 1.1)	0-0.5'	12-27-24	0940	X	X	X	1	
10	CS 10	(EB 2.1)	0-0.5'	12-27-24	0945	X	X	X	1	

Relinquished by: Miguel Deluna Date: 12-27-24 Time: 1445

Received by: Miguel Deluna Date: 12-27-24 Time: 1447

Relinquished by: Date: Time: Received by: Date: Time:

ANALYSIS REQUEST (Circle or Specify Method No.)

<input checked="" type="checkbox"/> BTEX 8021B	BTEX 8260B
<input type="checkbox"/> TPH TX 1005	
<input checked="" type="checkbox"/> TPH 8015M	GRO - DRO - ORO - MRO
<input type="checkbox"/> PAH 8270C	
<input type="checkbox"/> Total Metals Ag As Ba Cd Cr Pb Se Hg	
<input type="checkbox"/> TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
<input type="checkbox"/> TCLP Volatiles	
<input type="checkbox"/> TCLP Semi Volatiles	
<input type="checkbox"/> RCI	
<input type="checkbox"/> GC/MS Vol. 8260B / 624	
<input type="checkbox"/> GC/MS Semi. Vol. 8270C/625	
<input type="checkbox"/> PCB's 8082 / 608	
<input type="checkbox"/> NORM	
<input type="checkbox"/> PLM (Asbestos)	
<input type="checkbox"/> Chloride	
<input type="checkbox"/> Chloride Sulfate TDS	
<input type="checkbox"/> General Water Chemistry (see attached list)	
<input type="checkbox"/> Anion/Cation Balance	
<input type="checkbox"/> Hold	

LAB USE ONLY

REMARKS: STANDARD

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

Sample Temperature: 4.3c / 3.7c

CF-8.6.c

#140

(Circle) HAND DELIVERED FEDEX UPS Tracking #

* Customer requested Duph Change. to 12/31/24

ORIGINAL COPY

Analysis Request of Chain of Custody Record



Precision Group

1624 East County Rd 140
Texas 79706
Tel (575) 234-1152
Fax (575) 214-6030
Midland,

Client Name: ETC Gathering & Processing Site Manager: Peyton Oliver

Project Name: Double X Federal #4 LACT Release

Project Location: Lea County, NM

Invoice to: Energy Transfer - Ryan Reich

Receiving Laboratory: Cardinal Laboratories Sampler Signature: Miguel Deluna

Comments: *Please send results to all*
peyton.oliver@pndtlc.com

LAB #	SAMPLE IDENTIFICATION	SAMPLING		DATE	TIME	MATRIX	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST	
		YEAR: 2024	DATE								
11	CS 11 (EB 2.5') 2' 0-0.5'	12-21-24	09:50	X	X	WATER	None	1	X	BTEX 8021B BTEX 8260B TPH TX 1005 TPH 8015M GRO - DRO - ORO - MRO	
12	CS 12 (EB 2.5') 0-0.5'	12-21-24	09:55	X	X	SOIL	None	1	X	PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles RCI GC/MS Vol. 8260B / 624 GC/MS Semi. Vol. 8270C/625 PCB's 8082 / 608 NORM PLM (Asbestos)	
13	CS 13 (EB 1') 0-0.5'	12-21-24	10:00	X	X			1	X	Chloride Chloride Sulfate TDS General Water Chemistry (see attached list) Anion/Cation Balance	
14	CS 14 (EB 2.5') 0-0.5'	12-21-24	10:05	X	X			1	X		
15	CS 15 (EB 1.5') 2' 0-0.5'	12-21-24	10:10	X	X			1	X		
16	CS 16 (EB 1.5') 2' 0-0.5'	12-21-24	10:15	X	X			1	X		
17	CS 17 (EB 1') 0-0.5'	12-21-24	10:20	X	X			1	X		
18	CS 18 (EB 1') 0-0.5'	12-21-24	10:25	X	X			1	X		
19	CS 19 (EB 2.5') 0-0.5'	12-21-24	10:30	X	X			1	X		
20	CS 20 (EB 2.5') 0-0.5'	12-21-24	10:35	X	X			1	X		
Relinquished by: Miguel Deluna		Date: 12-21-24	Time: 14:45	Received by: [Signature]	Date: 12-21-24	Time: 14:47					
Relinquished by: [Signature]		Date: [Signature]	Time: [Signature]	Received by: [Signature]	Date: 12-21-24	Time: [Signature]					

*Customer requested Depth Changes. To. 12/31/24

ORIGINAL COPY

LAB USE ONLY

REMARKS: STANDARD

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

Sample Temperature: 43.3°C

CF-B.6c

#140

(Circle) HAND DELIVERED FEDEX UPS Tracking #

Analysis Request of Chain of Custody Record



Precision Group

1624 East County Rd 140
Texas 79706
Tel (575) 234-1152
Fax (575) 214-6030

Midland,

Page

3 of 4

Client Name: ETC Gathering & Processing

Site Manager: Peyton Oliver

Project Name: Double X Federal #4 LACT Release

Project Location: Lea County, NM

Project #:

Invoice to:

Energy Transfer - Ryan Reich

ryanreich@energytransfer.com

Receiving Laboratory:

Cardinal Laboratories

Sampler Signature:

Miguel Del una

Comments:

Please send results to all
peyton.oliver@pndllc.com

SAMPLE IDENTIFICATION

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST	
		DATE	TIME					BTX 8021B	BTEX 8260B
21	CS 21 (EB 2.5)	12-27-24	1040	X	X	1		X	X
22	CS 22 (EB 3)	12-27-24	1045	X	X	1		X	X
23	CS 23 (EB 3) * 0-0.5	12-27-24	1050	X	X	1		X	X
24	CS 24 (EB 3.5) * 0-0.5	12-27-24	1055	X	X	1		X	X
25	CS 25 (EB 2)	12-27-24	1100	X	X	1		X	X
26	CS 26 (EB 3.5)	12-27-24	1105	X	X	1		X	X
27	CS 27 (EB 3)	12-27-24	1110	X	X	1		X	X
28	CS 28 (EB 3) * 0-0.5	12-27-24	1115	X	X	1		X	X
29	CS 29 (EB 2.5) * 0-0.5	12-27-24	1120	X	X	1		X	X
30	CS 30 (EB 3.5) 0-0.5	12-27-24	1125	X	X	1		X	X

Relinquished by: Miguel Del una Date: 12-27-24 Time: 1447
 Relinquished by: Miguel Del una Date: 12-27-24 Time: 13:27:24

Relinquished by: Date: Time: Received by: Date: Time: 1447

LAB USE ONLY

REMARKS: STANDARD

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

Sample Temperature: 43.2 / 3.7

CF: 0.66

#144

(Circle) HAND DELIVERED FEDEX UPS Tracking #

* Customer Requested Dupes
Changes to 12/31/24

ORIGINAL COPY

(Circle or Specify Method No.)

Analysis Request of Chain of Custody Record



Precision Group

1624 East County Rd 140
 Texas 79706
 Tel (575) 234-1152
 Fax (575) 214-6030
 Midland,

Client Name: ETC Gathering & Processing		Site Manager: Peyton Oliver	
Project Name: Double X Federal #4 LACT Release		Project #:	
Project Location: Lea County, NM		Project #:	
Invoice to: Energy Transfer - Ryan Reich		Sampler Signature: Miguel Deluna	
Receiving Laboratory: Cardinal Laboratories		Sampler Signature: Miguel Deluna	
Comments: *Please send results to all* peyton.oliver@pndtlc.com			

LAB #	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)
		DATE	TIME	WATER	SOIL	HCL	HNO ₃		
31	EB 3"1	12-27-24	1130	X	X	X	X	1	
32	EB 3"1	12-27-24	1135	X	X	X	X	1	
33	EB 3"1	12-27-24	1140	X	X	X	X	1	

<input checked="" type="checkbox"/> BTEX 8021B <input checked="" type="checkbox"/> BTEX 8260B <input checked="" type="checkbox"/> TPH TX 1005 <input checked="" type="checkbox"/> TPH 8015M (GRO - DRO - ORO - MRO) <input checked="" type="checkbox"/> PAH 8270C <input checked="" type="checkbox"/> Total Metals Ag As Ba Cd Cr Pb Se Hg <input checked="" type="checkbox"/> TCLP Metals Ag As Ba Cd Cr Pb Se Hg <input checked="" type="checkbox"/> TCLP Volatiles <input checked="" type="checkbox"/> TCLP Semi Volatiles <input checked="" type="checkbox"/> RCI <input checked="" type="checkbox"/> GC/MS Vol. 8260B / 624 <input checked="" type="checkbox"/> GC/MS Semi. Vol. 8270C/625 <input checked="" type="checkbox"/> PCB's 8082 / 608 <input checked="" type="checkbox"/> NORM <input checked="" type="checkbox"/> PLM (Asbestos) <input checked="" type="checkbox"/> Chloride <input checked="" type="checkbox"/> Chloride Sulfate TDS <input checked="" type="checkbox"/> General Water Chemistry (see attached list) <input checked="" type="checkbox"/> Anion/Cation Balance	ANALYSIS REQUEST (Circle or Specify Method No.)
---	--

Relinquished by: Miguel Deluna Date: 12-27-24 Time: 1445	Received by: Miguel Deluna Date: 12-27-24 Time: 1447
Relinquished by:	Received by:
Date:	Date:
Time:	Time:

LAB USE ONLY

REMARKS:

STANDARD

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

Sample Temperature: 4.3°C / 37°F

CF - Obe

#1140

(Circle) HAND DELIVERED FEDEX UPS Tracking #

** Customer requested ID changes 1/3/2025 ORIGINAL COPY



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

January 08, 2025

PEYTON OLIVER
PRECISION NDT
1624 E C.R. 140
MIDLAND, TX 79706

RE: DOUBLE X FEDERAL #4 LACT RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 12/30/24 14:10.

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



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

Analytical Results For:

PRECISION NDT
1624 E C.R. 140
MIDLAND TX, 79706

Project: DOUBLE X FEDERAL #4 LACT RELI
Project Number: NONE GIVEN
Project Manager: PEYTON OLIVER
Fax To: (575) 214-6030

Reported:
08-Jan-25 11:54

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NSW1 (EB 0-2')	H247786-01	Soil	30-Dec-24 09:00	30-Dec-24 14:10
WSW1 (EB 0-2')	H247786-02	Soil	30-Dec-24 09:05	30-Dec-24 14:10
ESW1 (EB 0-2')	H247786-03	Soil	30-Dec-24 09:10	30-Dec-24 14:10
SSW1 (EB 0-2')	H247786-04	Soil	30-Dec-24 09:15	30-Dec-24 14:10
WSW2 (EB 0-2.5')	H247786-05	Soil	30-Dec-24 09:20	30-Dec-24 14:10
ESW2 (EB 0-2.5')	H247786-06	Soil	30-Dec-24 09:25	30-Dec-24 14:10
NSW2 (EB 1'-2.5')	H247786-07	Soil	30-Dec-24 09:30	30-Dec-24 14:10
WSW3 (EB 0-1')	H247786-08	Soil	30-Dec-24 09:35	30-Dec-24 14:10
ESW3 (EB 0-1')	H247786-09	Soil	30-Dec-24 09:40	30-Dec-24 14:10
SSW2 (EB 1'-2')	H247786-10	Soil	30-Dec-24 09:45	30-Dec-24 14:10
WSW4 (EB 0-2')	H247786-11	Soil	30-Dec-24 09:50	30-Dec-24 14:10
ESW4 (EB 0-2')	H247786-12	Soil	30-Dec-24 09:55	30-Dec-24 14:10
SSW3 (EB 0-2')	H247786-13	Soil	30-Dec-24 10:00	30-Dec-24 14:10
WSW5 (EB 0-2')	H247786-14	Soil	30-Dec-24 10:05	30-Dec-24 14:10
ESW5 (EB 0-2')	H247786-15	Soil	30-Dec-24 10:10	30-Dec-24 14:10
NSW3 (EB 0-2')	H247786-16	Soil	30-Dec-24 10:15	30-Dec-24 14:10
SSW4 (EB 1'-2')	H247786-17	Soil	30-Dec-24 10:20	30-Dec-24 14:10
WSW6 (EB 0-1')	H247786-18	Soil	30-Dec-24 10:25	30-Dec-24 14:10
ESW6 (EB 0-1')	H247786-19	Soil	30-Dec-24 10:30	30-Dec-24 14:10
NSW4 (EB 1'-2')	H247786-20	Soil	30-Dec-24 10:35	30-Dec-24 14:10
WSW7 (EB 0-2')	H247786-21	Soil	30-Dec-24 10:40	30-Dec-24 14:10
ESW7 (EB 0-2')	H247786-22	Soil	30-Dec-24 10:45	30-Dec-24 14:10
NSW5 (EB 0-1')	H247786-23	Soil	30-Dec-24 10:50	30-Dec-24 14:10
SSW5 (EB 1.5'-2.5')	H247786-24	Soil	30-Dec-24 10:55	30-Dec-24 14:10
ESW8 (EB 0-1')	H247786-25	Soil	30-Dec-24 11:00	30-Dec-24 14:10
ESW9 (EB 1'-2.5')	H247786-26	Soil	30-Dec-24 11:05	30-Dec-24 14:10
ESW10 (EB 0-2')	H247786-27	Soil	30-Dec-24 11:10	30-Dec-24 14:10

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW11 (EB 0-2.5')	H247786-28	Soil	30-Dec-24 11:15	30-Dec-24 14:10
NSW6 (EB 0-2')	H247786-29	Soil	30-Dec-24 11:20	30-Dec-24 14:10
SSW6 (EB 0-2')	H247786-30	Soil	30-Dec-24 11:25	30-Dec-24 14:10
WSW 8 (EB 0-2.5')	H247786-31	Soil	30-Dec-24 11:30	30-Dec-24 14:10
SSW7 (EB 0-2.5')	H247786-32	Soil	30-Dec-24 11:35	30-Dec-24 14:10
WSW9 (EB 0-3')	H247786-33	Soil	30-Dec-24 11:40	30-Dec-24 14:10
ESW12 (EB 0-3')	H247786-34	Soil	30-Dec-24 11:45	30-Dec-24 14:10
SSW8 (EB 2'-3')	H247786-35	Soil	30-Dec-24 11:50	30-Dec-24 14:10
NSW7 (EB 0-3')	H247786-36	Soil	30-Dec-24 11:55	30-Dec-24 14:10
WSW10 (EB 0-3')	H247786-37	Soil	30-Dec-24 12:00	30-Dec-24 14:10
ESW13 (EB 0-2')	H247786-38	Soil	30-Dec-24 12:05	30-Dec-24 14:10
ESW14 (EB 2'-3')	H247786-39	Soil	30-Dec-24 12:10	30-Dec-24 14:10
NSW8 (EB 2'-3.5')	H247786-40	Soil	30-Dec-24 12:15	30-Dec-24 14:10
SSW9 (EB 0-3.5')	H247786-41	Soil	30-Dec-24 12:20	30-Dec-24 14:10
WSW11 (EB 0-3.5')	H247786-42	Soil	30-Dec-24 12:25	30-Dec-24 14:10
ESW15 (EB 0-3.5')	H247786-43	Soil	30-Dec-24 12:30	30-Dec-24 14:10

01/08/25 - Client changed the sample ID for -31 (see COC). This is the revised report and will replace the one sent on 01/06/25.

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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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**NSW1 (EB 0-2')
H247786-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123103	HM	31-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			96.6 %	71.5-134		4123025	JH	31-Dec-24	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	201		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	23.4		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
Surrogate: 1-Chlorooctane			119 %	48.2-134		4123023	MS	31-Dec-24	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1-148		4123023	MS	31-Dec-24	8015B	

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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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WSW1 (EB 0-2')

H247786-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123103	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.1 %	71.5-134		4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			127 %	48.2-134		4123023	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			123 %	49.1-148		4123023	MS	31-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW1 (EB 0-2')

H247786-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123103	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.2 %			71.5-134	4123025	JH	31-Dec-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			124 %			48.2-134	4123023	MS	31-Dec-24	8015B
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Surrogate: 1-Chlorooctadecane			111 %			49.1-148	4123023	MS	31-Dec-24	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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SSW1 (EB 0-2')

H247786-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	4123103	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.4 %		71.5-134	4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			113 %		48.2-134	4123023	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			100 %		49.1-148	4123023	MS	31-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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WSW2 (EB 0-2.5')

H247786-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	4123103	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.2 %		71.5-134	4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			120 %		48.2-134	4123023	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			106 %		49.1-148	4123023	MS	31-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW2 (EB 0-2.5')

H247786-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	4123103	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.5 %	71.5-134		4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			121 %	48.2-134		4123023	MS	31-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			108 %	49.1-148		4123023	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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NSW2 (EB 1'-2.5')

H247786-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.6 %		71.5-134	4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			119 %		48.2-134	4123023	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			105 %		49.1-148	4123023	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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WSW3 (EB 0-1')

H247786-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.4 %		71.5-134	4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			115 %		48.2-134	4123023	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			101 %		49.1-148	4123023	MS	31-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW3 (EB 0-1')

H247786-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.6 %		71.5-134	4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			124 %		48.2-134	4123023	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			111 %		49.1-148	4123023	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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SSW2 (EB 1'-2')

H247786-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.9 %		71.5-134	4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	10.2		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			122 %		48.2-134	4123023	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			109 %		49.1-148	4123023	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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WSW4 (EB 0-2')

H247786-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.8 %		71.5-134	4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			122 %		48.2-134	4123023	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			110 %		49.1-148	4123023	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW4 (EB 0-2')

H247786-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.0 %		71.5-134	4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	628		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	99.9		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			119 %		48.2-134	4123023	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			117 %		49.1-148	4123023	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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SSW3 (EB 0-2')

H247786-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	0.246		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	GC-NC1
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.5 %	71.5-134		4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	381		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	62.1		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			119 %	48.2-134		4123023	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			117 %	49.1-148		4123023	MS	31-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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WSW5 (EB 0-2')

H247786-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	0.164		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	GC-NC1
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.8 %		71.5-134	4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	72.8		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			112 %		48.2-134	4123023	MS	31-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			102 %		49.1-148	4123023	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW5 (EB 0-2')

H247786-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.1 %	71.5-134		4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	64.3		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			97.0 %	48.2-134		4123023	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			96.6 %	49.1-148		4123023	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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NSW3 (EB 0-2')

H247786-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.4 %		71.5-134	4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			110 %		48.2-134	4123023	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			97.4 %		49.1-148	4123023	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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SSW4 (EB 1'-2')

H247786-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	0.058		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	0.190		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	GC-NC1
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.0 %		71.5-134	4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			103 %		48.2-134	4123023	MS	31-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			88.2 %		49.1-148	4123023	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT RELÉ Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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WSW6 (EB 0-1')

H247786-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.6 %	71.5-134		4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	171		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	22.9		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			117 %	48.2-134		4123023	MS	31-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			111 %	49.1-148		4123023	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW6 (EB 0-1')

H247786-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.5 %		71.5-134	4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	243		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	43.4		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			122 %		48.2-134	4123023	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			123 %		49.1-148	4123023	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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NSW4 (EB 1'-2')

H247786-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123025	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123025	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.2 %		71.5-134	4123025	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123023	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			118 %		48.2-134	4123023	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			105 %		49.1-148	4123023	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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WSW7 (EB 0-2')

H247786-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	QM-07
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			95.2 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			110 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW7 (EB 0-2')

H247786-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	385		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	107		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			105 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			128 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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NSW5 (EB 0-1')

H247786-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %		71.5-134	4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	109		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	12.2		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			98.2 %		48.2-134	4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			113 %		49.1-148	4123024	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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SSW5 (EB 1.5'-2.5')

H247786-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			113 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	398		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	64.9		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			93.5 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			117 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW8 (EB 0-1')

H247786-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	142		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	31.6		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			103 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			120 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW9 (EB 1'-2.5')

H247786-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123110	KV	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		71.5-134	4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	982		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	185		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			104 %		48.2-134	4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			120 %		49.1-148	4123024	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW10 (EB 0-2')

H247786-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	13.3		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			114 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			132 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW11 (EB 0-2.5')

H247786-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	128		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	11.4		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			96.5 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			116 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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NSW6 (EB 0-2')

H247786-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			105 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			122 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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SSW6 (EB 0-2')

H247786-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	91.3		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			99.4 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			116 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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WSW 8 (EB 0-2.5')

H247786-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	20.6		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			94.4 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			109 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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SSW7 (EB 0-2.5')

H247786-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	180		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	16.3		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			105 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			125 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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WSW9 (EB 0-3')

H247786-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	64.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			113 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.9 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			107 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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**ESW12 (EB 0-3')
H247786-34 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			114 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	1280		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	220		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			99.6 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			112 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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SSW8 (EB 2'-3')

H247786-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

S-04

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	0.207		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	0.167		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	GC-NC1
Total Xylenes*	1.44		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	GC-NC1
Total BTEX	1.81		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID)			144 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

S-04

GRO C6-C10*	109		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	4490		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	739		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			143 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			125 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Cardinal Laboratories

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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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NSW7 (EB 0-3')

H247786-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	55.1		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	30.6		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			94.0 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			107 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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WSW10 (EB 0-3')

H247786-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	768		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			111 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	2140		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	428		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			99.0 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			117 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW13 (EB 0-2')

H247786-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			85.1 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			97.9 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW14 (EB 2'-3')

H247786-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	190		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	31.4		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			99.4 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			118 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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NSW8 (EB 2'-3.5')

H247786-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123026	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123026	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		4123026	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
DRO >C10-C28*	281		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	19.9		10.0	mg/kg	1	4123024	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			92.4 %	48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			108 %	49.1-148		4123024	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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SSW9 (EB 0-3.5')

H247786-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123027	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123027	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123027	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123027	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123027	JH	31-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		4123027	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123104	MS	31-Dec-24	8015B	
DRO >C10-C28*	29.2		10.0	mg/kg	1	4123104	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123104	MS	31-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			102 %	48.2-134		4123104	MS	31-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			104 %	49.1-148		4123104	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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WSW11 (EB 0-3.5')

H247786-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	688		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123027	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123027	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123027	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123027	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123027	JH	31-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		4123027	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123104	MS	31-Dec-24	8015B	
DRO >C10-C28*	2440		10.0	mg/kg	1	4123104	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	425		10.0	mg/kg	1	4123104	MS	31-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			109 %	48.2-134		4123104	MS	31-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			125 %	49.1-148		4123104	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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ESW15 (EB 0-3.5')

H247786-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	4123109	HM	31-Dec-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4123027	JH	31-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4123027	JH	31-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4123027	JH	31-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4123027	JH	31-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4123027	JH	31-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5-134		4123027	JH	31-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4123104	MS	31-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4123104	MS	31-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4123104	MS	31-Dec-24	8015B	

Surrogate: 1-Chlorooctane			107 %	48.2-134		4123104	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			108 %	49.1-148		4123104	MS	31-Dec-24	8015B	
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT RELÉ Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4123103 - 1:4 DI Water

Blank (4123103-BLK1)		Prepared & Analyzed: 31-Dec-24								
Chloride	ND	16.0	mg/kg							
LCS (4123103-BS1)		Prepared & Analyzed: 31-Dec-24								
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (4123103-BSD1)		Prepared & Analyzed: 31-Dec-24								
Chloride	448	16.0	mg/kg	400		112	80-120	7.41	20	

Batch 4123109 - 1:4 DI Water

Blank (4123109-BLK1)		Prepared & Analyzed: 31-Dec-24								
Chloride	ND	16.0	mg/kg							
LCS (4123109-BS1)		Prepared & Analyzed: 31-Dec-24								
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (4123109-BSD1)		Prepared & Analyzed: 31-Dec-24								
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

Batch 4123110 - 1:4 DI Water

Blank (4123110-BLK1)		Prepared & Analyzed: 31-Dec-24								
Chloride	ND	16.0	mg/kg							
LCS (4123110-BS1)		Prepared & Analyzed: 31-Dec-24								
Chloride	432	16.0	mg/kg	400		108	80-120			

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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4123110 - 1:4 DI Water

LCS Dup (4123110-BSD1)

Prepared & Analyzed: 31-Dec-24

Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4123025 - Volatiles

Blank (4123025-BLK1)

Prepared: 30-Dec-24 Analyzed: 31-Dec-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		96.8	71.5-134			

LCS (4123025-BS1)

Prepared: 30-Dec-24 Analyzed: 31-Dec-24

Benzene	2.06	0.050	mg/kg	2.00		103	82.8-130			
Toluene	2.12	0.050	mg/kg	2.00		106	86-128			
Ethylbenzene	2.03	0.050	mg/kg	2.00		102	85.9-128			
m,p-Xylene	3.97	0.100	mg/kg	4.00		99.2	89-129			
o-Xylene	1.99	0.050	mg/kg	2.00		99.4	86.1-125			
Total Xylenes	5.96	0.150	mg/kg	6.00		99.3	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0469		mg/kg	0.0500		93.8	71.5-134			

LCS Dup (4123025-BS1)

Prepared: 30-Dec-24 Analyzed: 31-Dec-24

Benzene	2.04	0.050	mg/kg	2.00		102	82.8-130	1.27	15.8	
Toluene	2.10	0.050	mg/kg	2.00		105	86-128	1.09	15.9	
Ethylbenzene	2.01	0.050	mg/kg	2.00		101	85.9-128	0.917	16	
m,p-Xylene	3.93	0.100	mg/kg	4.00		98.2	89-129	1.10	16.2	
o-Xylene	1.98	0.050	mg/kg	2.00		98.9	86.1-125	0.497	16.7	
Total Xylenes	5.90	0.150	mg/kg	6.00		98.4	88.2-128	0.898	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0472		mg/kg	0.0500		94.5	71.5-134			

Batch 4123026 - Volatiles

Blank (4123026-BLK1)

Prepared: 30-Dec-24 Analyzed: 31-Dec-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

PRECISION NDT
1624 E C.R. 140
MIDLAND TX, 79706

Project: DOUBLE X FEDERAL #4 LACT RELF
Project Number: NONE GIVEN
Project Manager: PEYTON OLIVER
Fax To: (575) 214-6030

Reported:
08-Jan-25 11:54

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4123026 - Volatiles**Blank (4123026-BLK1)**

Prepared: 30-Dec-24 Analyzed: 31-Dec-24

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0543		mg/kg	0.0500		109	71.5-134			

LCS (4123026-BS1)

Prepared: 30-Dec-24 Analyzed: 31-Dec-24

Benzene	2.25	0.050	mg/kg	2.00		112	82.8-130			
Toluene	2.30	0.050	mg/kg	2.00		115	86-128			
Ethylbenzene	2.34	0.050	mg/kg	2.00		117	85.9-128			
m,p-Xylene	5.02	0.100	mg/kg	4.00		126	89-129			
o-Xylene	2.25	0.050	mg/kg	2.00		113	86.1-125			
Total Xylenes	7.27	0.150	mg/kg	6.00		121	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0512		mg/kg	0.0500		102	71.5-134			

LCS Dup (4123026-BSD1)

Prepared: 30-Dec-24 Analyzed: 31-Dec-24

Benzene	2.31	0.050	mg/kg	2.00		115	82.8-130	2.54	15.8	
Toluene	2.35	0.050	mg/kg	2.00		117	86-128	2.14	15.9	
Ethylbenzene	2.39	0.050	mg/kg	2.00		119	85.9-128	2.09	16	
m,p-Xylene	5.16	0.100	mg/kg	4.00		129	89-129	2.70	16.2	
o-Xylene	2.31	0.050	mg/kg	2.00		116	86.1-125	2.75	16.7	
Total Xylenes	7.47	0.150	mg/kg	6.00		125	88.2-128	2.71	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0513		mg/kg	0.0500		103	71.5-134			

Batch 4123027 - Volatiles**Blank (4123027-BLK1)**

Prepared: 30-Dec-24 Analyzed: 31-Dec-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0511		mg/kg	0.0500		102	71.5-134			

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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4123027 - Volatiles

LCS (4123027-BS1)

Prepared: 30-Dec-24 Analyzed: 31-Dec-24

Benzene	1.95	0.050	mg/kg	2.00		97.5	82.8-130			
Toluene	2.04	0.050	mg/kg	2.00		102	86-128			
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	85.9-128			
m,p-Xylene	4.16	0.100	mg/kg	4.00		104	89-129			
o-Xylene	2.07	0.050	mg/kg	2.00		104	86.1-125			
Total Xylenes	6.24	0.150	mg/kg	6.00		104	88.2-128			

Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		100	71.5-134			
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LCS Dup (4123027-BS1)

Prepared: 30-Dec-24 Analyzed: 31-Dec-24

Benzene	2.03	0.050	mg/kg	2.00		101	82.8-130	3.81	15.8	
Toluene	2.06	0.050	mg/kg	2.00		103	86-128	1.18	15.9	
Ethylbenzene	2.07	0.050	mg/kg	2.00		103	85.9-128	0.517	16	
m,p-Xylene	4.14	0.100	mg/kg	4.00		103	89-129	0.649	16.2	
o-Xylene	2.05	0.050	mg/kg	2.00		102	86.1-125	1.25	16.7	
Total Xylenes	6.18	0.150	mg/kg	6.00		103	88.2-128	0.849	16.3	

Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	71.5-134			
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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4123023 - General Prep - Organics

Blank (4123023-BLK1)		Prepared: 30-Dec-24 Analyzed: 31-Dec-24								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	67.8		mg/kg	50.0		136	48.2-134			S-05
Surrogate: 1-Chlorooctadecane	62.3		mg/kg	50.0		125	49.1-148			

LCS (4123023-BS1)		Prepared: 30-Dec-24 Analyzed: 31-Dec-24								
GRO C6-C10	200	10.0	mg/kg	200		100	81.5-123			
DRO >C10-C28	198	10.0	mg/kg	200		99.1	77.7-122			
Total TPH C6-C28	399	10.0	mg/kg	400		99.7	80.9-121			
Surrogate: 1-Chlorooctane	75.4		mg/kg	50.0		151	48.2-134			S-05
Surrogate: 1-Chlorooctadecane	72.0		mg/kg	50.0		144	49.1-148			

LCS Dup (4123023-BS1)		Prepared: 30-Dec-24 Analyzed: 31-Dec-24								
GRO C6-C10	199	10.0	mg/kg	200		99.6	81.5-123	0.626	13	
DRO >C10-C28	188	10.0	mg/kg	200		94.2	77.7-122	5.09	15.6	
Total TPH C6-C28	388	10.0	mg/kg	400		96.9	80.9-121	2.82	18.5	
Surrogate: 1-Chlorooctane	73.7		mg/kg	50.0		147	48.2-134			S-05
Surrogate: 1-Chlorooctadecane	69.4		mg/kg	50.0		139	49.1-148			

Batch 4123024 - General Prep - Organics

Blank (4123024-BLK1)		Prepared: 30-Dec-24 Analyzed: 31-Dec-24								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	58.1		mg/kg	50.0		116	48.2-134			
Surrogate: 1-Chlorooctadecane	67.7		mg/kg	50.0		135	49.1-148			

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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4123024 - General Prep - Organics

LCS (4123024-BS1)		Prepared: 30-Dec-24 Analyzed: 31-Dec-24								
GRO C6-C10	230	10.0	mg/kg	200	115	81.5-123				
DRO >C10-C28	209	10.0	mg/kg	200	105	77.7-122				
Total TPH C6-C28	439	10.0	mg/kg	400	110	80.9-121				
Surrogate: 1-Chlorooctane	65.6		mg/kg	50.0	131	48.2-134				
Surrogate: 1-Chlorooctadecane	74.2		mg/kg	50.0	148	49.1-148				

LCS Dup (4123024-BSD1)		Prepared: 30-Dec-24 Analyzed: 31-Dec-24								
GRO C6-C10	218	10.0	mg/kg	200	109	81.5-123	5.26	13		
DRO >C10-C28	200	10.0	mg/kg	200	100	77.7-122	4.49	15.6		
Total TPH C6-C28	418	10.0	mg/kg	400	105	80.9-121	4.89	18.5		
Surrogate: 1-Chlorooctane	61.7		mg/kg	50.0	123	48.2-134				
Surrogate: 1-Chlorooctadecane	70.7		mg/kg	50.0	141	49.1-148				

Batch 4123104 - General Prep - Organics

Blank (4123104-BLK1)		Prepared & Analyzed: 31-Dec-24								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	66.1		mg/kg	50.0	132	48.2-134				
Surrogate: 1-Chlorooctadecane	66.5		mg/kg	50.0	133	49.1-148				

LCS (4123104-BS1)		Prepared: 31-Dec-24 Analyzed: 02-Jan-25								
GRO C6-C10	196	10.0	mg/kg	200	98.2	81.5-123				
DRO >C10-C28	184	10.0	mg/kg	200	92.2	77.7-122				
Total TPH C6-C28	381	10.0	mg/kg	400	95.2	80.9-121				
Surrogate: 1-Chlorooctane	66.6		mg/kg	50.0	133	48.2-134				
Surrogate: 1-Chlorooctadecane	66.0		mg/kg	50.0	132	49.1-148				

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Analytical Results For:

PRECISION NDT 1624 E C.R. 140 MIDLAND TX, 79706	Project: DOUBLE X FEDERAL #4 LACT REL Project Number: NONE GIVEN Project Manager: PEYTON OLIVER Fax To: (575) 214-6030	Reported: 08-Jan-25 11:54
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4123104 - General Prep - Organics

LCS Dup (4123104-BSD1)		Prepared: 31-Dec-24 Analyzed: 02-Jan-25								
GRO C6-C10	200	10.0	mg/kg	200	100	81.5-123	1.91	13		
DRO >C10-C28	193	10.0	mg/kg	200	96.3	77.7-122	4.37	15.6		
Total TPH C6-C28	393	10.0	mg/kg	400	98.2	80.9-121	3.11	18.5		
Surrogate: 1-Chlorooctane	69.3		mg/kg	50.0	139	48.2-134				S-05
Surrogate: 1-Chlorooctadecane	68.8		mg/kg	50.0	138	49.1-148				

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Notes and Definitions

- S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Precision Group

1624 East County Rd 140
Texas 79706
Tel (575) 234-1152
Fax (575) 214-6030

Midland,

Page 1 of 5

Analysis Request of Chain of Custody Record

Client Name:

ETC Gathering & Processing

Site Manager:

Payton Oliver

Project Name:

Double X Federal #4 LACT Release

Project Location:

Lea County, NM

Project #:

Invoice to:

Energy Transfer - Ryan Reich

yanreich@energytransfer.com

Receiving Laboratory:

Cardinal Laboratories

Sampler Signature:

Miguel Deluna

Comments:

Please send results to all
payton.oliver@pndllc.com

SAMPLE IDENTIFICATION

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		DATE	TIME	MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)
		YEAR 2024				WATER	SOIL	HCL	HNO ₃		
1	NSW1 (EB 0-21)	23-24	0900	23-24	0900	X	X	X	X	1	X
2	NSW1 (EB 0-21)	23-24	0905	23-24	0905	X	X	X	X	1	X
3	ESW1 (EB 0-21)	23-24	0910	23-24	0910	X	X	X	X	1	X
4	ESW1 (EB 0-21)	23-24	0915	23-24	0915	X	X	X	X	1	X
5	NSW2 (EB 0-2.5)	23-24	0920	23-24	0920	X	X	X	X	1	X
6	NSW2 (EB 0-2.5)	23-24	0925	23-24	0925	X	X	X	X	1	X
7	NSW2 (EB 1-2.5)	23-24	0930	23-24	0930	X	X	X	X	1	X
8	NSW3 (EB 0-1)	23-24	0935	23-24	0935	X	X	X	X	1	X
9	ESW3 (EB 0-1)	23-24	0940	23-24	0940	X	X	X	X	1	X
10	SSW2 (EB 1-2)	23-24	0945	23-24	0945	X	X	X	X	1	X

ANALYSIS REQUEST (Circle or Specify Method No.)

- BTEX 8021B
- BTEX 8260B
- TPH TX 1005
- TPH 8015M
- GRO - DRO - ORO - MRO
- PAH 8270C
- Total Metals Ag As Ba Cd Cr Pb Se Hg
- TCLP Metals Ag As Ba Cd Cr Pb Se Hg
- TCLP Volatiles
- TCLP Semi Volatiles
- RCI
- GC/MS Vol. 8260B / 624
- GC/MS Semi. Vol. 8270C/625
- PCB's 8082 / 608
- NORM
- PLM (Asbestos)
- Chloride
- Chloride Sulfate TDS
- General Water Chemistry (see attached list)
- Anion/Cation Balance

LAB USE ONLY

REMARKS:

STANDARD

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

Sample Temperature: 3.0°C-0.1°C

3.4°C

2.4°C

ORIGINAL COPY



Precision Group

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Texas 79706
Tel (575) 234-1152
Fax (575) 214-6030

Midland,

Page

3 of 5

Analysis Request of Chain of Custody Record

Client Name:

ETC Gathering & Processing

Site Manager:

Peyton Oliver

Project Name:

Double X Federal #4 LACT Release

Project Location:

Lea County, NM

Project #:

Invoice to:

Energy Transfer - Ryan Reich

ryanreich@energytransfer.com

Receiving Laboratory:

Cardinal Laboratories

Sampler Signature:

Miguel Deluna

Comments:

Please send results to all
peyton.oliver@pndtlc.com

SAMPLE IDENTIFICATION

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)
		DATE	TIME				
21	WSW7 (EB 0-2')	12-30-24	1040	X	X	1	X
22	ESW7 (EB 0-2')	12-30-24	1045	X	X	1	X
23	NSW5 (EB 0-1')	12-30-24	1050	X	X	1	X
24	SSW5 (EB 1.5-2.5')	12-30-24	1055	X	X	1	X
25	ESW8 (EB 0-1')	12-30-24	1100	X	X	1	X
26	ESW9 (EB 1-2.5')	12-30-24	1105	X	X	1	X
27	ESW10 (EB 0-2')	12-30-24	1110	X	X	1	X
28	ESW11 (EB 0-2.5')	12-30-24	1115	X	X	1	X
29	NSW6 (EB 0-2')	12-30-24	1120	X	X	1	X
30	SSW6 (EB 0-2')	12-30-24	1125	X	X	1	X

Reinquired by: Miguel Deluna Date: 12-30-24 Time: 12:30

Reinquired by: [Signature] Date: 12-30-24 Time: 14:40

Reinquired by: [Signature] Date: 12-30-24 Time: 14:40

ORIGINAL COPY

ANALYSIS REQUEST
(Circle or Specify Method No.)

BTX 8021B BTEX 8260B

TPH TX 1005

TPH 8015M (GRO - DRO - ORO - MRO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

LAB USE ONLY

REMARKS:

STANDARD

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

Sample Temperature: 3.0 C / 37.6 C

8-11-148

12-30-24

(Circle) HAND DELIVERED FEDEX UPS Tracking #

Analysis Request of Chain of Custody Record



Precision Group

1624 East County Rd 140
Midland, Texas 79706
Tel (575) 234-1152
Fax (575) 214-6030

Client Name: ETC Gathering & Processing Site Manager: Peyton Oliver

Project Name: *Doble X Edgeal #4 Act Release*

Project Location: Lea County, NM Project #:

Invoice to: Energy Transfer - Ryan Reich

Receiving Laboratory: Cardinal Laboratories Sampler Signature: Miguel Deluna

Comments: *Please send results to all* peyton.oliver@pndtlc.com

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None		
31	WSW 8 (EB 0-2.5')	12-30-24	11:30	X				X			
32	WSW 7 (EB 0-2.5')	12-30-24	11:35	X				X			
33	WSW 9 (EB 0-3')	12-30-24	11:40	X				X			
34	ESW 12 (EB 0-3')	12-30-24	11:45		X				X		
35	SSW 8 (EB 2-3')	12-30-24	11:50								
36	NSW 7 (EB 0-3')	12-30-24	11:55								
37	WSW 10 (EB 0-3')	12-30-24	12:00								
38	ESW 13 (EB 0-2')	12-30-24	12:05								
39	ESW 14 (EB 2-3')	12-30-24	12:10								
40	NSW 8 (EB 2-3.5')	12-30-24	12:15								

* Customer requested ID charges. to. 1/8/25

LAB USE ONLY

Sample Temperature: 30°C / 86°F

2 6.41/140

2 642 12/30/25

REMARKS:

STANDARD

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking # _____

ANALYSIS REQUEST
(Circle or Specify Method No.)



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

January 16, 2025

PEYTON OLIVER
PRECISION NDT
1624 E C.R. 140
MIDLAND, TX 79706

RE: DOUBLE X FEDERAL #4 LACT RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 01/13/25 15:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: CS 15 A (EB 2.5') (H250158-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	2.17	109	2.00	2.28	
Toluene*	<0.050	0.050	01/15/2025	ND	2.26	113	2.00	1.59	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.30	115	2.00	1.82	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	7.07	118	6.00	2.46	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: CS 18 A (EB 2.5') (H250158-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	2.17	109	2.00	2.28	
Toluene*	<0.050	0.050	01/15/2025	ND	2.26	113	2.00	1.59	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.30	115	2.00	1.82	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	7.07	118	6.00	2.46	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	68.1	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: CS 30 A (EB 4') (H250158-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	2.17	109	2.00	2.28	
Toluene*	<0.050	0.050	01/15/2025	ND	2.26	113	2.00	1.59	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.30	115	2.00	1.82	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	7.07	118	6.00	2.46	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: CS 33 A (EB 4') (H250158-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	2.17	109	2.00	2.28	
Toluene*	<0.050	0.050	01/15/2025	ND	2.26	113	2.00	1.59	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.30	115	2.00	1.82	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	7.07	118	6.00	2.46	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/14/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	126	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	27.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: SSW 10 (EB 2-2.5') (H250158-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	2.17	109	2.00	2.28	
Toluene*	<0.050	0.050	01/15/2025	ND	2.26	113	2.00	1.59	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.30	115	2.00	1.82	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	7.07	118	6.00	2.46	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: NSW 9 (EB 2-2.5') (H250158-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	2.17	109	2.00	2.28	
Toluene*	<0.050	0.050	01/15/2025	ND	2.26	113	2.00	1.59	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.30	115	2.00	1.82	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	7.07	118	6.00	2.46	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: NSW 10 (EB 1-2.5') (H250158-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	2.17	109	2.00	2.28	
Toluene*	<0.050	0.050	01/15/2025	ND	2.26	113	2.00	1.59	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.30	115	2.00	1.82	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	7.07	118	6.00	2.46	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: NSW 11 (EB 3-4') (H250158-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	2.17	109	2.00	2.28	
Toluene*	<0.050	0.050	01/15/2025	ND	2.26	113	2.00	1.59	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.30	115	2.00	1.82	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	7.07	118	6.00	2.46	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/14/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	12.2	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: NSW 12 (EB 2.5-3') (H250158-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	2.17	109	2.00	2.28	
Toluene*	<0.050	0.050	01/15/2025	ND	2.26	113	2.00	1.59	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.30	115	2.00	1.82	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	7.07	118	6.00	2.46	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	28.6	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: ESW 16 (EB 0-2.5') (H250158-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	2.17	109	2.00	2.28	
Toluene*	<0.050	0.050	01/15/2025	ND	2.26	113	2.00	1.59	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.30	115	2.00	1.82	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	7.07	118	6.00	2.46	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/14/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	38.3	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: ESW 17 (EB 2-2.5') (H250158-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	2.17	109	2.00	2.28	
Toluene*	<0.050	0.050	01/15/2025	ND	2.26	113	2.00	1.59	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.30	115	2.00	1.82	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	7.07	118	6.00	2.46	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/14/2025	ND	448	112	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	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	119	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	11.8	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: ESW 18 (EB 3-4') (H250158-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	2.17	109	2.00	2.28	
Toluene*	<0.050	0.050	01/15/2025	ND	2.26	113	2.00	1.59	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.30	115	2.00	1.82	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	7.07	118	6.00	2.46	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/14/2025	ND	448	112	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	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: ESW 19 (EB 3.5-4') (H250158-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	2.17	109	2.00	2.28	
Toluene*	<0.050	0.050	01/15/2025	ND	2.26	113	2.00	1.59	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.30	115	2.00	1.82	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	7.07	118	6.00	2.46	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/14/2025	ND	448	112	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	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	72.2	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: SSW 8 A (EB 2-3') (H250158-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	2.17	109	2.00	2.28	
Toluene*	<0.050	0.050	01/15/2025	ND	2.26	113	2.00	1.59	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.30	115	2.00	1.82	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	7.07	118	6.00	2.46	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2025	ND	448	112	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	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	29.2	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E.C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: SSW 11 (EB 0-4') (H250158-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	1.84	91.9	2.00	2.54	QM-07
Toluene*	<0.050	0.050	01/15/2025	ND	1.98	98.9	2.00	2.42	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	1.93	96.5	2.00	2.31	QM-07
Total Xylenes*	<0.150	0.150	01/15/2025	ND	5.68	94.7	6.00	2.18	QM-07
Total BTEX	<0.300	0.300	01/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2025	ND	448	112	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	01/14/2025	ND	192	95.9	200	8.14	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	195	97.5	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: WSW 11 A (EB 0-4') (H250158-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	1.84	91.9	2.00	2.54	
Toluene*	<0.050	0.050	01/15/2025	ND	1.98	98.9	2.00	2.42	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	1.93	96.5	2.00	2.31	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	5.68	94.7	6.00	2.18	
Total BTEX	<0.300	0.300	01/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/14/2025	ND	448	112	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	01/14/2025	ND	207	104	200	6.19	
DRO >C10-C28*	418	10.0	01/14/2025	ND	204	102	200	9.73	QM-07
EXT DRO >C28-C36	91.8	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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PRECISION NDT
 PEYTON OLIVER
 1624 E C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: WSW 12 (EB 0-2.5') (H250158-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/15/2025	ND	1.84	91.9	2.00	2.54		
Toluene*	<0.050	0.050	01/15/2025	ND	1.98	98.9	2.00	2.42		
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	1.93	96.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	01/15/2025	ND	5.68	94.7	6.00	2.18		
Total BTEX	<0.300	0.300	01/15/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/14/2025	ND	448	112	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	01/14/2025	ND	207	104	200	6.19		
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	204	102	200	9.73		
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND						

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Analytical Results For:

PRECISION NDT
 PEYTON OLIVER
 1624 E C.R. 140
 MIDLAND TX, 79706
 Fax To: (575) 214-6030

Received:	01/13/2025	Sampling Date:	01/13/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	DOUBLE X FEDERAL #4 LACT RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	ETC - LEA CO NM		

Sample ID: WSW 13 (EB 0-2') (H250158-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	1.84	91.9	2.00	2.54	
Toluene*	<0.050	0.050	01/15/2025	ND	1.98	98.9	2.00	2.42	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	1.93	96.5	2.00	2.31	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	5.68	94.7	6.00	2.18	
Total BTEX	<0.300	0.300	01/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/14/2025	ND	448	112	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	01/14/2025	ND	207	104	200	6.19	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	204	102	200	9.73	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Precision Group

1624 East County Rd 140
Midland, Texas 79706
Tel (575) 234-1152
Fax (575) 214-6030

Analysis Request of Chain of Custody Record

Client Name: ETC Gathering & Processing
Project Name: Double X Federal #4 LACT Release
Project Location: Lea County, NM

Project #:
Invoice to: Energy Transfer - Ryan Reich
Receiving Laboratory: Cardinal Laboratories

Site Manager: Peyton Oliver
Sampler Signature: Miguel Deluna
Comments: *Please send results to all*
peyton.oliver@pndtlc.com

Project #:
Project #:
Project #:
Project #:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD			# CONTAINERS	FILTERED (Y/N)
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE		
11	ESW 17 (EB 2-2.5)	1/13/2025	1120	X				X		
12	ESW 18 (EB 3-4)	1/13/2025	1125	X				X		
13	ESW 19 (EB 3.5-4)	1/13/2025	1130	X				X		
14	SSW 8A (EB 2-3)	1/13/2025	1135	X				X		
15	SSW 11 (EB 0-4)	1/13/2025	1140	X				X		
16	MSW 11A (EB 0-4)	1/13/2025	1145	X				X		
17	MSW 12 (EB 0-2.5)	1/13/2025	1150	X				X		
18	MSW 13 (EB 0-2)	1/13/2025	1155	X				X		

Relinquished by: Miguel Deluna
Date: 01-13-25
Time: 1500

Received by: Miguel Deluna
Date: 01-13-25
Time: 1500

LAB USE ONLY
STANDARD
RUSH: Same Day 24 hr 48 hr 72 hr
Rush Charges Authorized
Special Report Limits or TRRP Report
REMARKS:
Sample Temperature 5.26/4.66
#140

ANALYSIS REQUEST (Circle or Specify Method No.)	
BTEX 8021B	BTEX 8260B
TPH TX 1005	
TPH 8015M	GRO - DRO - ORO - MRO
PAH 8270C	
Total Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Volatiles	
TCLP Semi Volatiles	
RCI	
GC/MS Vol. 8260B / 624	
GC/MS Semi. Vol. 8270C/625	
PCB's 8082 / 608	
NORM	
PLM (Asbestos)	
Chloride	
Chloride Sulfate TDS	
General Water Chemistry (see attached list)	
Anion/Cation Balance	
Hold	

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

QUESTIONS

Action 572406

QUESTIONS

Operator: ETP CRUDE LLC 8111 Westchester Drive Dallas, TX 75225	OGRID: 237722
	Action Number: 572406
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2430350715
Incident Name	NAPP2430350715 DOUBLE X 25 FED NO. 4 LACT @ FAPP2201726730
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2201726730] DOUBLE X 25 FEDERAL 4H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	DOUBLE X 25 FED NO. 4 LACT
Date Release Discovered	10/28/2024
Surface Owner	Federal

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

Nature and Volume of Release	
<i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Corrosion Valve Crude Oil Released: 24 BBL Recovered: 17 BBL Lost: 7 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Valve Produced Water Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Landowner (BLM) was notified. Remediation and sampling has been scheduled and walked through with upstream operator.

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QUESTIONS, Page 2

Action 572406

QUESTIONS (continued)

Operator: ETP CRUDE LLC 8111 Westchester Drive Dallas, TX 75225	OGRID: 237722
	Action Number: 572406
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

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

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

I hereby agree and sign off to the above statement	Name: Ryan Reich Email: ryan.reich@energytransfer.com Date: 04/07/2026
--	---

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QUESTIONS, Page 3

Action 572406

QUESTIONS (continued)

Operator: ETP CRUDE LLC 8111 Westchester Drive Dallas, TX 75225	OGRID: 237722
	Action Number: 572406
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	256
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	30830
GRO+DRO (EPA SW-846 Method 8015M)	27620
BTEX (EPA SW-846 Method 8021B or 8260B)	312
Benzene (EPA SW-846 Method 8021B or 8260B)	198

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

On what estimated date will the remediation commence	05/01/2026
On what date will (or did) the final sampling or liner inspection occur	05/01/2026
On what date will (or was) the remediation complete(d)	06/01/2026
What is the estimated surface area (in square feet) that will be reclaimed	4753
What is the estimated volume (in cubic yards) that will be reclaimed	720
What is the estimated surface area (in square feet) that will be remediated	4753
What is the estimated volume (in cubic yards) that will be remediated	720

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 572406

QUESTIONS (continued)

Operator: ETP CRUDE LLC 8111 Westchester Drive Dallas, TX 75225	OGRID: 237722
	Action Number: 572406
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	fJEG1635837366 OWL LANDFILL JAL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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: Ryan Reich Email: ryan.reich@energytransfer.com Date: 04/07/2026
--	--

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

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QUESTIONS, Page 5

Action 572406

QUESTIONS (continued)

Operator: ETP CRUDE LLC 8111 Westchester Drive Dallas, TX 75225	OGRID: 237722
	Action Number: 572406
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 572406

QUESTIONS (continued)

Operator: ETP CRUDE LLC 8111 Westchester Drive Dallas, TX 75225	OGRID: 237722
	Action Number: 572406
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	573918
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/15/2026
What was the (estimated) number of samples that were to be gathered	57
What was the sampling surface area in square feet	4753

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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 572406

CONDITIONS

Operator: ETP CRUDE LLC 8111 Westchester Drive Dallas, TX 75225	OGRID: 237722
	Action Number: 572406
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Site characterization and remediation plan is approved.	4/16/2026