

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
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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](#)



July 7, 2026

New Mexico Oil Conservation Division

506 W. Texas Ave
Artesia, NM 88210

RE: **Double X 25 Fed No. 4 Lact - 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 Remediation Plan (RP), summarizing recent soil sampling activities and outlining a scope of work in accordance with an approved Site Characterization & Remediation Plan (SCRP) for addressing soil impacts associated with an inadvertent crude oil release at the Double X 25 Fed No. 4 Lact (Site). Based on the recent soil sampling activities and discussions with the New Mexico Oil Conservation Division (NMOCD) on June 24, 2026, ETC proposes this updated RP to mitigate environmental impacts at the Site.

Site Location & Incident Description

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**).

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 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.

As mentioned in the approved SCRП, a third-party consultant performed initial remediation activities during November 2024 through January 2025. 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. The NMOCD rejected their Closure Report on March 27, 2025.

Site Characterization

As previously described in the approved SCRП, the Site was characterized 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:

- o Between ½ and 1 mile of any continuously flowing watercourse or any other significant watercourse;
- o Between ½ and 1 mile of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- o Between 1 and 5 miles of any occupied permanent residence, school, hospital, institution or church;
- o 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;
- o Between 1 and 5 miles of any other freshwater well or spring;

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- o Greater than 5 miles of any incorporated municipal boundary or a defined municipal fresh water well field covered under a municipal ordinance;
- o Between ½ and 1 mile of any wetland;
- o Greater than 5 miles of any subsurface mine;
- o Between ½ and 1 mile of any unstable area (non-karst); and
- o 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 groundwater (DTW) well is attached.

Based on the results from the desktop review and DTW 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 (GRO) + Diesel Range Organics (DRO) + Oil Range Organics (ORO)

Laboratory Analytical Methods used: Environmental Protection Agency (EPA) 300.0, EPA 8015 NM, EPA 8021 B

Delineation Activities

On April 15, 2026, ESRR conducted delineation activities to assess the presence or absence of soil impacts associated with the AOC as described in the approved SCRP. Twenty delineation boreholes (BH-1 through BH-20) were advanced via a truck mounted air rotary drill rig within and surrounding the AOC. Delineation activities were driven by field screening soil for chloride utilizing QuanTab® test strips and volatile organic compounds by a calibrated Photo Ionization Detector (PID). A minimum of three soil samples were collected from each delineation borehole, representing the highest observed field screening concentrations and/or the greatest depth. Delineation soil samples were placed directly into lab provided pre-cleaned jars, packed with minimal void space, labeled, and placed on ice. The delineation soil samples were transported under strict chain-of-custody procedures, to Eurofins in Carlsbad, New Mexico, for analysis of the COCs. **Photographic Documentation** of all activities is attached.

Laboratory analytical results for delineation soil samples (BH-1 through BH-3, BH-5 through BH-16, and BH-18 through BH-20) within and surrounding the AOC were compliant with the Site Closure Criteria and the reclamation standard defining the horizontal periphery of the AOC.

Laboratory analytical results for delineation soil samples collected within the AOC (BH-04 and BH-17) indicated total TPH exceeded the reclamation standard at 2 feet bgs within native soils. Elevated total TPH is characterized by concentrations ranging from 797 to 1,330 mg/kg, specifically for TPH (DRO) at 2 feet bgs. Laboratory analytical results are summarized in **Table 1**, included in the attachments. The locations of all delineation soil samples are shown in **Figure 2**.

Proposed Remediation Plan

Based on the laboratory analytical results from the recent delineation soil sampling activities described above, together with the findings that resulted in the denial of the previous third-party Closure Report, ETC proposes the following remedial actions:

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1. Remove all impacted soil within the upper 4 feet bgs of native soils that exceed the applicable Reclamation Standards, or until the Site Closure Criteria is achieved in accordance with NMAC 19.15.29.13.
 - i. Soil previously used as backfill will be excavated and stockpiled separately to await confirmation sampling prior to reuse as backfill. Ten-point composite soil samples will be collected at a frequency of approximately one sample per 70 cubic yards (CY) of stockpiled soil. Samples will be handled, labeled, and transported to Eurofins for analysis of the COCs, as previously described. Any soil exhibiting COC concentrations exceeding the applicable Reclamation Standards will be transferred to the impacted soil stockpile described below.
 - ii. Following removal of the previously used backfill, the remaining impacted soil will be excavated to depths ranging from 2 to 4 feet bgs (**Figure 3**). Excavated impacted soils will be stockpiled separately for treatment.
 - iii. Following completion of the excavation, five-point composite confirmation soil samples will be collected from the floor and sidewalls of the excavation at a sampling frequency of approximately one sample per 200 square feet. Samples will be handled, labeled, and transported to Eurofins for analysis of COCs, as previously described.
 - iv. Confirmation soil samples collected from the excavation floor at 4 feet bgs shall meet the Site Closure Criteria, based on the Site's characterization and proven DTW determination. Confirmation soil samples collected from the floor at depths less than 4 feet bgs shall meet the applicable Reclamation Standards of 100 mg/kg TPH and 600 mg/kg chloride. All excavation sidewall soil samples shall also meet the applicable Reclamation Standards.
2. ETC estimates excavating approximately 700 CY of previously used backfill, along with an additional 200 CY of remaining impacted soil. Both estimates include a 10 percent fluff factor.
3. Because the remaining impacts consist solely of petroleum hydrocarbons, ETC proposes using a microbial solution to treat the estimated 200 CY of impacted soils, to be reused as backfill material. The microbial product will be selected based on availability or ETC discretion. **Product Information** for both manufactures is provided in the attachments. The selected microbial solution will be applied uniformly to impacted soils in accordance with the manufacturer's recommendations. Treatment will be implemented as follows:
 - i. **Treatment Preparation:** Impacted soil will be placed on an impermeable plastic liner within a designated treatment area measuring approximately 180 feet by 20 feet, with a lift thickness of not less than 1 foot and not greater than 2 feet above ground (**Figure 4**). Berms will be constructed around the treatment area to prevent runoff during treatment.
 - ii. **Pre-Treatment Sampling:** Prior to treatment, five-point composite soil samples will be collected at a frequency of approximately one sample per 20 CY of soil. Samples will be handled, labeled, and transported to Eurofins for analysis of the COCs, as previously described. Sample locations will be evenly distributed across the treatment area based on final dimensions.
 - iii. **Moisture Adjustment and Aeration:** Upon review of the laboratory analytical results, treatment will begin by adjusting soil moisture and aeration to support microbial activity. As the stockpile is mechanically tilled using a loader, backhoe, or skid steer, clean, locally sourced freshwater will be evenly applied. This process will be repeated until the soil is damp but not saturated.
 - iv. **Microbial Amendment Application:** Once proper moisture levels are achieved, a microbial amendment will be uniformly applied in accordance with the manufacturer's recommended application rate, based on the estimated soil volume and contaminant concentrations. The soil will be continuously tilled before, during, and after application to ensure homogenous distribution of the amendment and adequate oxygen availability throughout the treatment period.
 - v. **Monitoring:** Treatment will be monitored throughout the process to ensure adequate moisture levels, uniform mixing, and prevention of runoff. Active treatment will continue for two consecutive days, after which the stockpile will remain undisturbed for an additional five days. Treatment activities will be documented, including application dates, product quantities, weather conditions, and moisture additions.

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- vi. **Post-Treatment:** Following the five-day undisturbed period, five-point composite soil samples will be recollected, labeled, and transported to Eurofins for analysis of COCs, as described in Section (3.ii.). If laboratory analytical results indicate that the soil meets the applicable reclamation standards, the treated soil will be reused as backfill material. If any confirmation soil samples exceed the TPH Reclamation Standard of 100 mg/kg, the treatment steps described in Sections (3.iii through 3.vi) will be repeated. Soil treatment is not expected to exceed 10 days if a second treatment is required.
 - vii. **Treatment Footprint Verification:** Upon completion of treatment, whether successful or unsuccessful, Ten-point composite soil samples will be collected from the surface of the treatment footprint at an approximate frequency of one sample per 1,000 square feet. Soil within the treatment footprint must meet the Reclamation Standards of 100 mg/kg TPH and 600 mg/kg chloride.
4. If the soil does not meet the applicable reclamation standards after a second treatment cycle, the remaining impacted soil will be transported to a nearby state-regulated landfill facility for disposal under ETC approved waste manifests. Upon completion of remediation activities and receipt of final excavation confirmation soil sample results, ETC will have the excavation backfilled with clean, locally sourced material and restored to *"as close to its original state"* as possible.

Proposed Schedule

ETC anticipates remediation and restoration activities to commence within 90 days of approval of this RP. Upon favorable laboratory analytical results of all confirmation soil samples, ESRR will complete a Corrective Action Report detailing soil treatment, excavation, 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. **NMOCD email documentation and correspondence notifications, Executed chain-of-custody forms and laboratory analytical reports, and the Archived report** 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

Double X 25 Fed No. 4 Lact - Remediation Plan
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Attachments:

Figure 1 - Site Map
Figure 1A - Groundwater
Figure 1B - Karst Potential
Figure 2 - Delineation Soil Sample Locations
Figure 3 - Proposed Excavation Extents
Figure 4 - Microbial Treatment Footprint
Referenced Well Records
Table 1 - Soil Sample Analytical Results
NMOCD Email Documentation & Correspondance
Executed Chain-of-Custody Forms and Laboratory Analytical Reports
MICRO-BLAZE® Emergency Liquid Spill Control: Product Information
Evergreen Oil Eliminator: Product Information
Archived Report

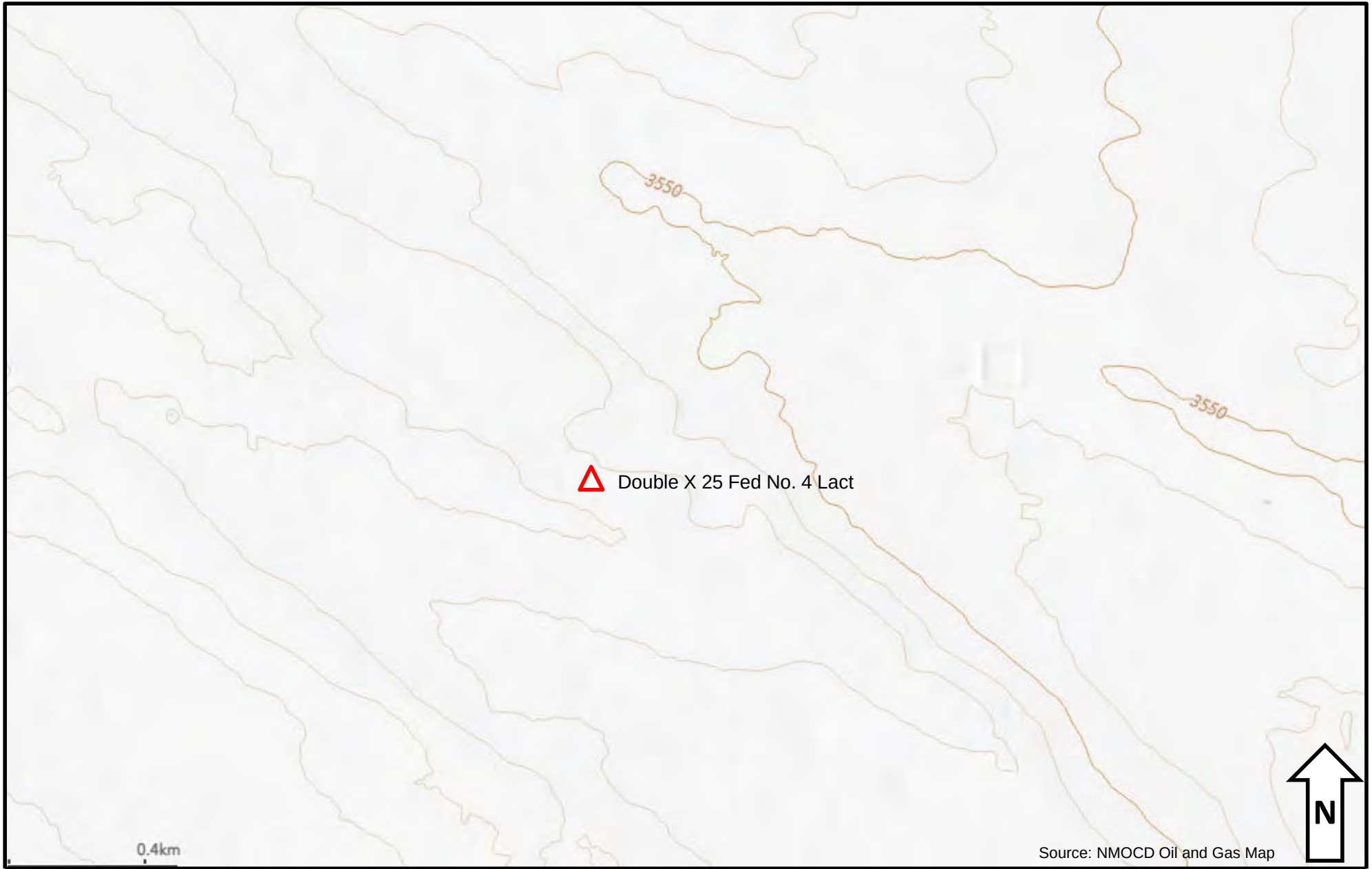


Figure 1 – Site Map

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

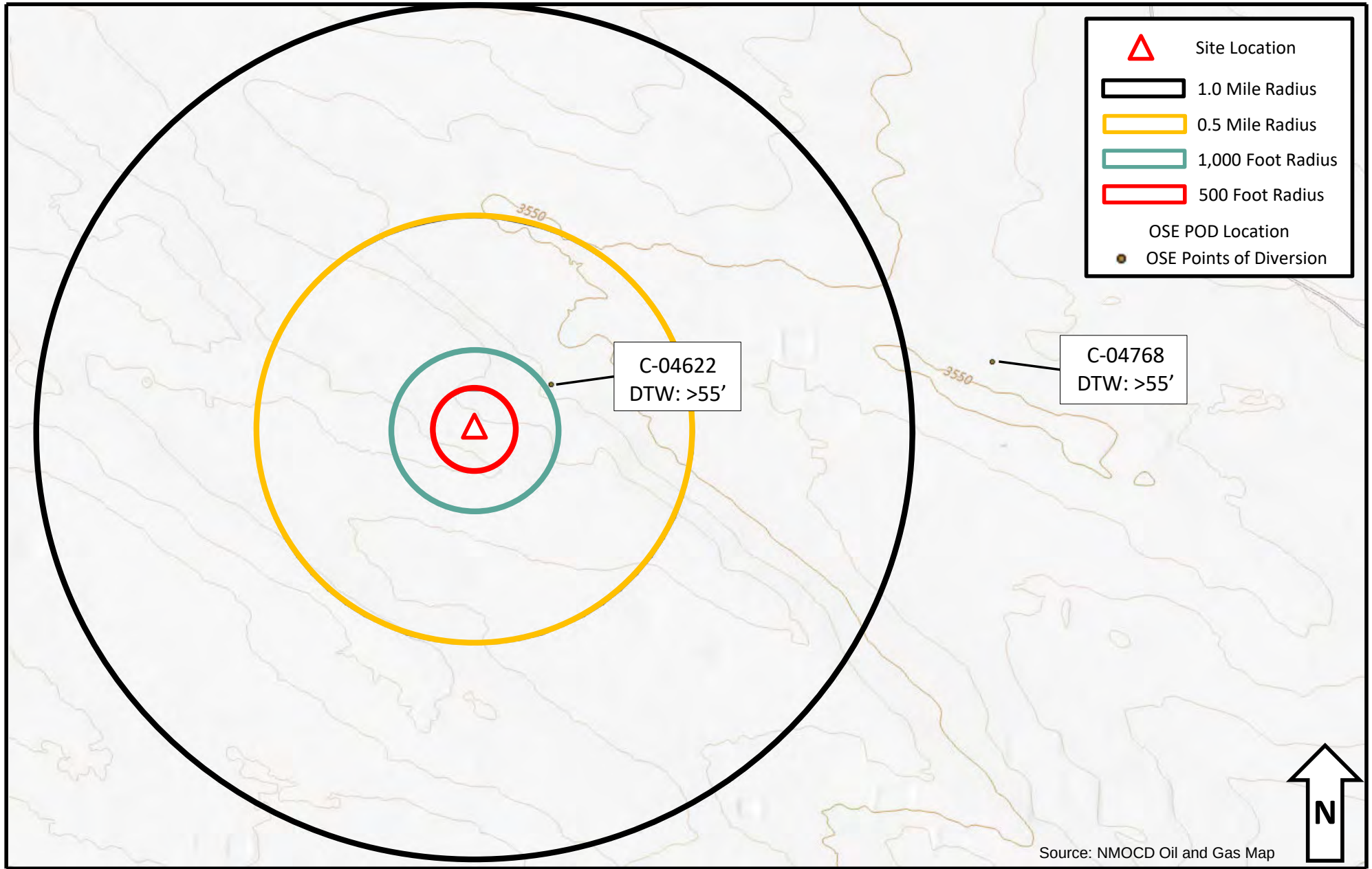


Figure 1A – Groundwater

Energy Transfer – Double X 25 Fed No. 4 Lact
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 Lea County, New Mexico

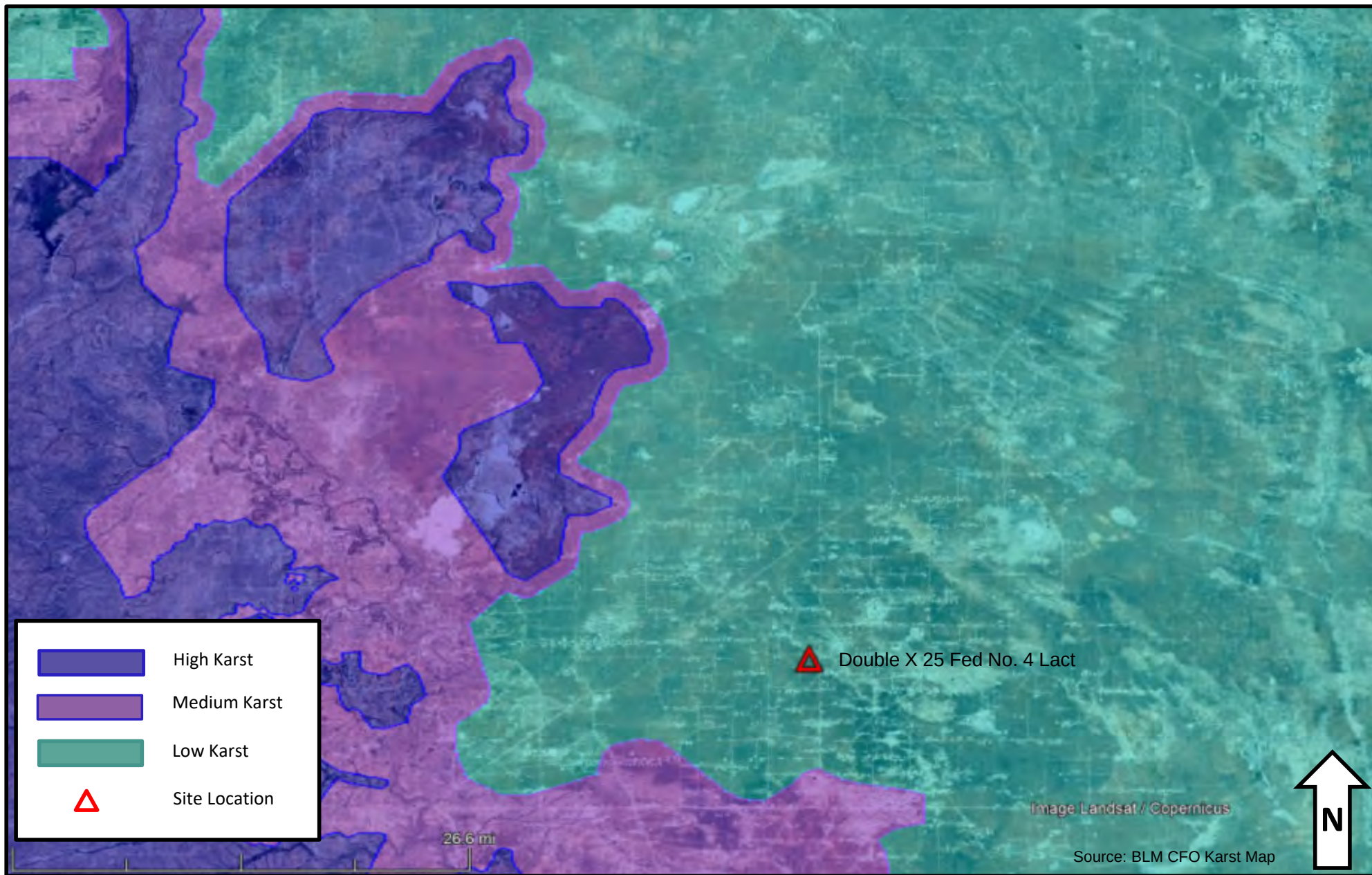




Figure 2 – Delineation Soil Sample Locations

Energy Transfer – Double X 25 Fed No. 4 Lact
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Lea County, New Mexico



Figure 3 – Proposed Excavation Extents

Energy Transfer – Double X 25 Fed No. 4 Lact
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Lea County, New Mexico

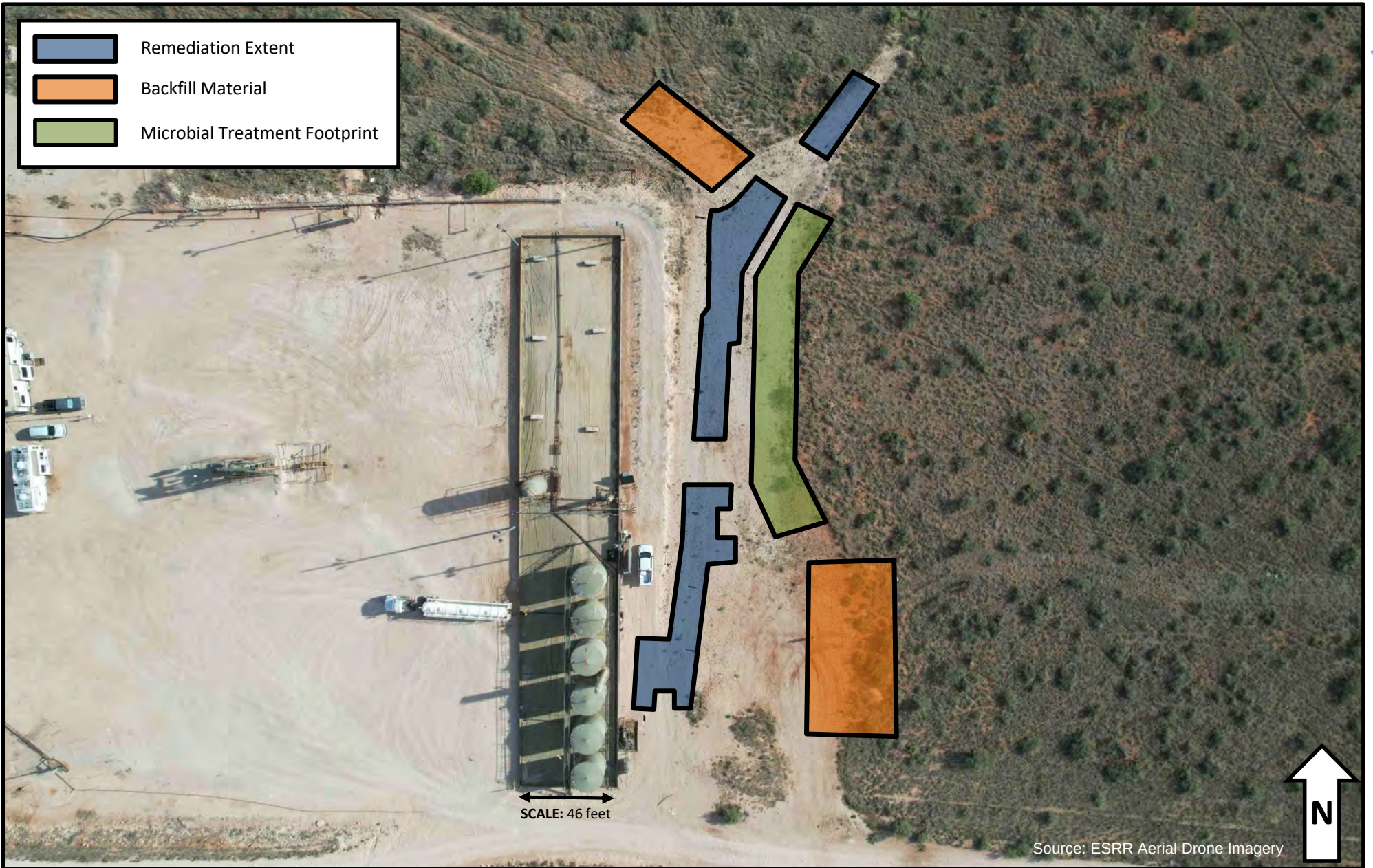


Figure 4 – Microbial Treatment Footprint

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	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	37	36.41	W	* DATUM REQUIRED: WGS 84		
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: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		
	DATE STATIC MEASURED 6/13/2022							
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Hollow Stem Auger						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐	
	DEPTH (feet bgl) FROM TO		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)
	0 55		±6.5	Boring-HSA		--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL		AMOUNT (cubic feet)	METHOD OF PLACEMENT	

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

DEPTH (feet bgl)	THICKNESS (feet)		COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO			
0	4	4	Sand, Fine-grained, poorly graded, 2.5 YR 3/6, Dark Red	Y ✓ N	
4	13	9	Caliche, with Fine-grained sand, 7.5 YR 7/4, Pink	Y ✓ N	
13	34	21	Sand, Fine-grained, poorly graded, with Caliche, 7.5 YR 7/6, Reddish Yellow	Y ✓ N	
34	55	21	Sand, Fine-grained, poorly graded,unconsolidated, 7.5 YR 7/6, Reddish Yellow	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:				TOTAL ESTIMATED WELL YIELD (gpm):	0.00
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.			
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 15 Bell Lake 24 Fed 4 USE DT JUN 16 2022 PM 3:09				
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt					
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:				
	Jack Atkins		Jackie D. Atkins	6/16/2022	
SIGNATURE OF DRILLER / PRINT SIGNEE NAME				DATE	

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	C-4622-POD 1	POD NO.	1
LOCATION		TRN NO.	726166
24.32.24.334		WELL TAG ID NO.	—
		PAGE 2 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, appearing to read "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, appearing to read "Lucas Middleton".

Lucas Middleton

Enclosures: as noted above

QSE DII JUN 16 2022 PM 3:09



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Double X Federal #4 Lact
Lea County, New Mexico



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Delineation Soil Samples - nAPP2430350715									
BH - 01	04/15/26	0.5	<0.00200	<3.99	<49.8	<49.8	<49.8	<49.8	59.2
BH - 01	04/15/26	2	<0.00201	<4.02	<49.9	<49.9	<49.9	<49.9	130
BH - 01	04/15/26	4	<0.00202	<4.04	<50.2	<50.2	<50.2	<50.2	27.6
BH - 02	04/15/26	0.5	<0.00199	<3.98	<50.1	<50.1	<50.1	<50.1	<9.92
BH - 02	04/15/26	2	<0.00198	<3.96	<50.1	<50.1	<50.1	<50.1	30.5
BH - 02	04/15/26	4	<0.00200	<3.99	<50.3	<50.3	<50.3	<50.3	35.0
BH - 03	04/15/26	0.5	<0.00201	<4.02	<50.1	<50.1	<50.1	<50.1	<10.1
BH - 03	04/15/26	2	<0.00202	<4.04	<50.2	<50.2	<50.2	<50.2	67.8
BH - 03	04/15/26	4	<0.00199	<3.98	<50.1	<50.1	<50.1	<50.1	53.6
BH - 04	04/15/26	0.5	<0.00200	<3.99	<50.0	<50.0	<50.0	<50.0	15.5
BH - 04 ⁺	04/15/26	2	<0.00201	10.9	<49.9	797	<49.9	797	21.7
BH - 04	04/15/26	4	<0.00202	<4.04	<50.0	84.7	<50.0	84.7	12.4
BH - 05	04/15/26	0.5	<0.00199	<3.98	<49.9	<49.9	<49.9	<49.9	<9.96
BH - 05	04/15/26	2	<0.00200	<3.99	<50.0	<50.0	<50.0	<50.0	49.1
BH - 05	04/15/26	4	<0.00201	<4.02	<49.8	<49.8	<49.8	<49.8	11.9
BH - 06	04/15/26	0.5	<0.00200	<3.99	<49.8	<49.8	<49.8	<49.8	16.2
BH - 06	04/15/26	2	<0.00201	<4.02	<50.1	97.2	<50.1	97.2	22.2
BH - 06	04/15/26	4	<0.00202	<4.04	<50.2	<50.2	<50.2	<50.2	<9.96
BH - 07	04/15/26	0.5	<0.00199	<3.98	<50.1	<50.1	<50.1	<50.1	<10.0
BH - 07	04/15/26	2	<0.00198	<3.96	<50.0	<50.0	<50.0	<50.0	68.1
BH - 07	04/15/26	4	<0.00200	<3.99	<49.8	<49.8	<49.8	<49.8	12.0
BH - 08	04/15/26	0.5	<0.00201	<4.02	<50.1	<50.1	<50.1	<50.1	11.6
BH - 08	04/15/26	2	<0.00202	<4.04	<50.1	<50.1	<50.1	<50.1	30.6
BH - 08	04/15/26	4	<0.00199	29.1	<50.0	<50.0	<50.0	<50.0	18.9
BH - 09	04/15/26	0.5	<0.00200	<4.00	<50.1	<50.1	<50.1	<50.1	24.5
BH - 09	04/15/26	2	<0.00198	<3.96	<49.9	<49.9	<49.9	<49.9	10.4
BH - 09	04/15/26	4	<0.00200	<3.99	<49.8	<49.8	<49.8	<49.8	<10.1



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Double X Federal #4 Lact
Lea County, New Mexico



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Delineation Soil Samples - nAPP2430350715									
BH - 10	04/15/26	0.5	<0.00200	<3.99	<50.1	<50.1	<50.1	<50.1	<10.0
BH - 10	04/15/26	2	<0.00201	<4.02	<50.1	<50.1	<50.1	<50.1	59.0
BH - 10	04/15/26	4	<0.00202	<4.04	<50.2	<50.2	<50.2	<50.2	39.1
BH - 11	04/15/26	0.5	<0.00199	<3.98	52.2	<50.1	<50.1	52.2	<9.98
BH - 11	04/15/26	2	<0.00198	<3.96	<50.4	<50.4	<50.4	<50.4	26.1
BH - 11	04/15/26	4	<0.00200	<3.99	<49.9	<49.9	<49.9	<49.9	<9.96
BH - 12	04/15/26	0.5	<0.00200	<4.01	<50.0	<50.0	<50.0	<50.0	<10.0
BH - 12	04/15/26	2	<0.00199	<3.98	<49.8	<49.8	<49.8	<49.8	16.8
BH - 12	04/15/26	4	<0.00202	<4.04	<50.0	<50.0	<50.0	<50.0	<10.1
BH - 13	04/15/26	0.5	<0.00199	<3.98	<50.1	<50.1	<50.1	<50.1	<9.92
BH - 13	04/15/26	2	<0.00201	<4.02	<50.1	<50.1	<50.1	<50.1	22.4
BH - 13	04/15/26	4	<0.00202	<4.04	<50.2	<50.2	<50.2	<50.2	36.3
BH - 14	04/15/26	0.5	<0.00199	<3.98	<50.1	<50.1	<50.1	<50.1	13.0
BH - 14	04/15/26	2	<0.00198	<3.96	<50.1	<50.1	<50.1	<50.1	19.9
BH - 14	04/15/26	4	<0.00200	<3.99	<50.2	<50.2	<50.2	<50.2	23.6
BH - 15	04/15/26	0.5	<0.00198	<3.97	<50.1	<50.1	<50.1	<50.1	<9.92
BH - 15	04/15/26	2	<0.00201	<4.02	<49.8	<49.8	<49.8	<49.8	<9.92
BH - 15	04/15/26	4	<0.00202	<4.04	<49.8	<49.8	<49.8	<49.8	<9.98
BH - 16	04/15/26	0.5	<0.00199	<3.98	<50.0	<50.0	<50.0	<50.0	12.3
BH - 16	04/15/26	2	<0.00198	<3.96	<49.8	<49.8	<49.8	<49.8	<10.0
BH - 16	04/15/26	4	<0.00200	<3.99	<49.8	<49.8	<49.8	<49.8	<10.0
BH - 17	04/15/26	0.5	<0.00201	<4.02	<49.9	<49.9	<49.9	<49.9	<9.96
BH - 17 ⁺	04/15/26	2	<0.00200	<4.01	54.9	1,280	<50.3	1,330	18.7
BH - 17	04/15/26	4	<0.00199	<3.98	<50.4	294	<50.4	294	<10.1



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Double X Federal #4 Lact
Lea County, New Mexico



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Delineation Soil Samples - nAPP2430350715									
BH - 18	04/15/26	0.5	<0.00201	<4.02	<50.1	<50.1	<50.1	<50.1	<10.1
BH - 18	04/15/26	2	<0.00202	<4.04	<50.1	<50.1	<50.1	<50.1	<9.96
BH - 18	04/15/26	4	<0.00200	<3.99	<50.1	<50.1	<50.1	<50.1	<9.98
BH - 19	04/15/26	0.5	<0.00201	<4.02	<50.0	<50.0	<50.0	<50.0	<9.92
BH - 19	04/15/26	2	<0.00202	<4.04	<49.9	<49.9	<49.9	<49.9	<10.0
BH - 19	04/15/26	4	<0.00199	<3.98	<50.0	<50.0	<50.0	<50.0	<9.96
BH - 20	04/15/26	0.5	<0.00200	<3.99	<49.8	<49.8	<49.8	<49.8	<9.92
BH - 20	04/15/26	2	<0.00201	<4.02	<50.0	<50.0	<50.0	<50.0	<10.1
BH - 20	04/15/26	4	<0.00202	<4.04	<50.1	<50.1	<50.1	<50.1	30.9

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Text in "grey" represents excavated soil samples

Concentrations in **bold and highlighted** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard[†] for Soils Impacted by a Release

[†]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.

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

QUESTIONS

Action 573918

QUESTIONS

Operator: ETP CRUDE LLC 8111 Westchester Drive Dallas, TX 75225	OGRID: 237722
	Action Number: 573918
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

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	
Site Name	DOUBLE X 25 FED NO. 4 LACT
Date Release Discovered	10/28/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	4,753
What is the estimated number of samples that will be gathered	57
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/15/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Gilbert Moreno (832) 541-7719
Please provide any information necessary for navigation to sampling site	GPS to site: 32.194614, -103.629741

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/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 573918

CONDITIONS

Operator: ETP CRUDE LLC 8111 Westchester Drive Dallas, TX 75225	OGRID: 237722
	Action Number: 573918
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
reichryan	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/10/2026
reichryan	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026



Outlook

RE: [EXTERNAL] RE: nAPP2607539547 - Ameredev Pump Station Teams Meeting Request

From Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>**Date** Wed 6/24/2026 4:34 PM**To** Reich, Ryan Colin <ryan.reich@energytransfer.com>**Cc** Fortin, Boyd <Boyd.Fortin@energytransfer.com>; Magee, Colton <Colton.Magee@energytransfer.com>; Gilbert Moreno <gmoreno@earthsys.net>

Good afternoon, Ryan

Just a follow up from our discussion earlier this morning. Please ensure that the finalized remediation plan for the Double X site is uploaded for review to the incident file that includes a section with the following details:

1. How often Microblaze will be applied to the stockpile.
2. Quantity of Microblaze product to be applied, if known or at what estimate.
3. How will the stockpile be stored on site and the estimated duration period.
4. Which part of the site will the stockpile be laid. On plastic?
5. What method to till, how frequently and from what depths. Will it be applied in incremental depths?
6. How often will the stockpile be sampled?
7. Size of the stockpile itself in cubic yards.

We may need to get clarification on what is needed for a temporary landfarm permit-- if that will even be necessary or required--and we need as many details as possible to discuss with the permitting group.

Thank you for the additional details,

Mike

From: Reich, Ryan Colin <ryan.reich@energytransfer.com>**Sent:** Wednesday, June 24, 2026 10:41 AM**To:** Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>**Cc:** Fortin, Boyd <Boyd.Fortin@energytransfer.com>; Magee, Colton <Colton.Magee@energytransfer.com>; Gilbert Moreno <gmoreno@earthsys.net>**Subject:** RE: [EXTERNAL] RE: nAPP2607539547 - Ameredev Pump Station Teams Meeting Request

Message received. Thank you for the update.

Ryan Reich

Energy Transfer

Senior Environmental Specialist

Waste/Water/Remediation

801 S. Loop 464

Monahans, TX 79756

O: 432.423.0256

M: 432.269.7514



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From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>**Sent:** Wednesday, June 24, 2026 11:32 AM**To:** Reich, Ryan Colin <ryan.reich@energytransfer.com>**Cc:** Fortin, Boyd <Boyd.Fortin@energytransfer.com>; Magee, Colton <Colton.Magee@energytransfer.com>; Gilbert Moreno <gmoreno@earthsys.net>**Subject:** RE: [EXTERNAL] RE: nAPP2607539547 - Ameredev Pump Station Teams Meeting Request

Good morning,

The request for a 90-day extension for incident nAPP2607539547 is approved. The amended deadline to submit a remediation closure is 09/16/2026, and the application file has been updated to reflect this change. Please include a copy of this correspondence with the closure report.

Kind regards,

From: Reich, Ryan Colin <ryan.reich@energytransfer.com>**Sent:** Wednesday, June 24, 2026 9:51 AM**To:** Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>

Cc: Fortin, Boyd <Boyd.Fortin@energytransfer.com>; Magee, Colton <Colton.Magee@energytransfer.com>; Gilbert Moreno <gmoreno@earthsys.net>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: [EXTERNAL] RE: nAPP2607539547 - Ameredev Pump Station Teams Meeting Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Please see email chain below for the 90-day extension. Please be advised that the nAPP number listed on previous email chain was incorrect (nAPP2430350715). Please be advised that the correct incident number is nAPP2607539547.

Ryan Reich

Energy Transfer
Senior Environmental Specialist
Waste/Water/Remediation
801 S. Loop 464
Monahans, TX 79756
O: 432.423.0256
M: 432.269.7514



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From: Reich, Ryan Colin

Sent: Wednesday, June 24, 2026 10:47 AM

To: Buchanan, Michael, EMNRD <michael.buchanan@emnrd.nm.gov>

Cc: Fortin, Boyd <Boyd.Fortin@energytransfer.com>; Magee, Colton <Colton.Magee@energytransfer.com>; Gilbert Moreno <gmoreno@earthsys.net>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: nAPP2607539547 - Ameredev Pump Station Teams Meeting Request

See 90 day request below.

Ryan Reich

Energy Transfer
Senior Environmental Specialist
Waste/Water/Remediation
801 S. Loop 464
Monahans, TX 79756
O: 432.423.0256
M: 432.269.7514



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From: Reich, Ryan Colin

Sent: Monday, June 15, 2026 3:11 PM

To: Buchanan, Michael, EMNRD <michael.buchanan@emnrd.nm.gov>

Cc: Fortin, Boyd <Boyd.Fortin@energytransfer.com>; Magee, Colton <Colton.Magee@energytransfer.com>; Gilbert Moreno <gmoreno@earthsys.net>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: nAPP2607539547 - Ameredev Pump Station Teams Meeting Request

nAPP2607539547 – Ameredev Pump Station

Mr. Buchanan,

We would like to also review incident (**nAPP2430350715**) following our discussion of incident (nAPP2430350715), Thursday June 18 at 10am MDT (11am CDT).

As previously mentioned, the release of crude oil at the Ameredev Pump Station is located on private land, owned by Intrepid Potash. The initial release was reported at 53 bbls of crude oil released with 35 bbls recovered. The unique quality ETC has regarding this ongoing remediation is the presence of concentrations of Chloride encountered within the excavation of the "Area of Concern". From ETC's experience, inorganic Chlorides do not normally present themselves in our crude oil releases directly from our gathering system. These elevated concentrations of Chloride are an anomaly and are believed to be of historical impacts or naturally occurring. Based on a desktop review, there have been four (4) previous releases of produced water on the same production pad by Ameredev, one in which directly overlaps the extent of ETC's (**nAPP2430350715**) "Area of Concern".



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Gilbert Moreno
Earth Systems Response and Restoration
5114 WCR 128
Midland, Texas 79706
Generated 4/27/2026 2:58:45 PM

JOB DESCRIPTION

Double X Federal #4 Lact
Lea County, NM

JOB NUMBER

890-9788-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

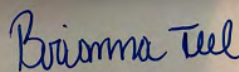
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/27/2026 2:58:45 PM

Authorized for release by
Brianna Teel, Project Manager
Brianna.Teel@et.eurofinsus.com
(432)704-5440

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Laboratory Job ID: 890-9788-1
SDG: Lea County, NM

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Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Earth Systems Response and Restoration
Project: Double X Federal #4 Lact

Job ID: 890-9788-1

Job ID: 890-9788-1

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Job Narrative 890-9788-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/16/2026 8:23 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -11.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BH-01 (890-9788-1), BH-01 (890-9788-2), BH-01 (890-9788-3), BH-01 (890-9788-4), BH-02 (890-9788-5), BH-02 (890-9788-6), BH-02 (890-9788-7), BH-02 (890-9788-8), BH-03 (890-9788-9), BH-03 (890-9788-10), BH-03 (890-9788-11), BH-03 (890-9788-12), BH-04 (890-9788-13), BH-04 (890-9788-14), BH-04 (890-9788-15), BH-04 (890-9788-16), BH-05 (890-9788-17), BH-05 (890-9788-18), BH-05 (890-9788-19), BH-05 (890-9788-20), BH-06 (890-9788-21), BH-06 (890-9788-22), BH-06 (890-9788-23), BH-06 (890-9788-24), BH-07 (890-9788-25), BH-07 (890-9788-26), BH-07 (890-9788-27), BH-07 (890-9788-28), BH-08 (890-9788-29), BH-08 (890-9788-30), BH-08 (890-9788-31), BH-08 (890-9788-32), BH-09 (890-9788-33), BH-09 (890-9788-34), BH-09 (890-9788-35), BH-09 (890-9788-36), BH-17 (890-9788-37), BH-17 (890-9788-38), BH-17 (890-9788-39) and BH-17 (890-9788-40).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-138595, 880-138597, 880-138599 and 880-138607 and analytical batch 880-138842 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH-03 (890-9788-11), BH-04 (890-9788-13) and BH-17 (890-9788-37). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-138240/2-A), (LCSD 880-138240/3-A) and (MB 880-138240/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: BH-07 (890-9788-27) and BH-09 (890-9788-35). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: BH-08 (890-9788-29), BH-09 (890-9788-33) and BH-09 (890-9788-34). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: BH-08 (890-9788-31). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: BH-07 (890-9788-26). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (890-9788-A-26-B MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (890-9788-A-26-C MSD). Evidence of

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Case Narrative

Client: Earth Systems Response and Restoration
Project: Double X Federal #4 Lact

Job ID: 890-9788-1

Job ID: 890-9788-1 (Continued)

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matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The laboratory control sample (LCS) associated with preparation batch 880-138240 and analytical batch 880-138661 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015B NM: Surrogate recovery for the following sample was outside the upper control limit: BH-08 (890-9788-30). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: BH-02 (890-9788-7). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: BH-01 (890-9788-1), BH-01 (890-9788-3), (890-9786-A-6-B MS) and (890-9786-A-6-C MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-138239/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-138804 recovered outside control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-138804/57).

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: BH-04 (890-9788-13), BH-04 (890-9788-14), BH-04 (890-9788-15), BH-05 (890-9788-19), BH-06 (890-9788-21) and BH-07 (890-9788-25). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-01

Lab Sample ID: 890-9788-1

Date Collected: 04/15/26 08:00

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 06:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 06:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 06:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 11:50	04/25/26 06:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 06:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 11:50	04/25/26 06:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	04/22/26 11:50	04/25/26 06:23	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/22/26 11:50	04/25/26 06:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.99	U	3.99		ug/L			04/25/26 06:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/23/26 18:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/19/26 17:01	04/23/26 18:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/19/26 17:01	04/23/26 18:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/19/26 17:01	04/23/26 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130	04/19/26 17:01	04/23/26 18:41	1
o-Terphenyl	70		70 - 130	04/19/26 17:01	04/23/26 18:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.2		9.96		mg/Kg			04/21/26 02:20	1

Client Sample ID: BH-01

Lab Sample ID: 890-9788-2

Date Collected: 04/15/26 08:05

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 06:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 06:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 06:44	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 11:50	04/25/26 06:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 06:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 11:50	04/25/26 06:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/22/26 11:50	04/25/26 06:44	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-01

Lab Sample ID: 890-9788-2

Date Collected: 04/15/26 08:05

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	93		70 - 130	04/22/26 11:50	04/25/26 06:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.02	U	4.02		ug/L			04/25/26 06:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/23/26 19:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/19/26 17:01	04/23/26 19:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/19/26 17:01	04/23/26 19:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:01	04/23/26 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				04/19/26 17:01	04/23/26 19:01	1
o-Terphenyl	86		70 - 130				04/19/26 17:01	04/23/26 19:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		9.92		mg/Kg			04/21/26 02:24	1

Client Sample ID: BH-01

Lab Sample ID: 890-9788-3

Date Collected: 04/15/26 08:10

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/22/26 11:50	04/25/26 07:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 11:50	04/25/26 07:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 11:50	04/25/26 07:04	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 11:50	04/25/26 07:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 11:50	04/25/26 07:04	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 11:50	04/25/26 07:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	04/22/26 11:50	04/25/26 07:04	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/22/26 11:50	04/25/26 07:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.04	U	4.04		ug/L			04/25/26 07:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/23/26 19:22	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-01

Lab Sample ID: 890-9788-3

Date Collected: 04/15/26 08:10

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/19/26 17:01	04/23/26 19:22	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/19/26 17:01	04/23/26 19:22	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/19/26 17:01	04/23/26 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				04/19/26 17:01	04/23/26 19:22	1
o-Terphenyl	77		70 - 130				04/19/26 17:01	04/23/26 19:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.6		9.98		mg/Kg			04/21/26 02:29	1

Client Sample ID: BH-02

Lab Sample ID: 890-9788-5

Date Collected: 04/15/26 08:20

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/22/26 11:50	04/25/26 07:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 11:50	04/25/26 07:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/26 11:50	04/25/26 07:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/26 11:50	04/25/26 07:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 11:50	04/25/26 07:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/26 11:50	04/25/26 07:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				04/22/26 11:50	04/25/26 07:25	1
1,4-Difluorobenzene (Surr)	109		70 - 130				04/22/26 11:50	04/25/26 07:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.98	U	3.98		ug/L			04/25/26 07:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 19:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/23/26 19:42	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/23/26 19:42	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/23/26 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				04/19/26 17:01	04/23/26 19:42	1
o-Terphenyl	79		70 - 130				04/19/26 17:01	04/23/26 19:42	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-02

Lab Sample ID: 890-9788-5

Date Collected: 04/15/26 08:20

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/21/26 02:44	1

Client Sample ID: BH-02

Lab Sample ID: 890-9788-6

Date Collected: 04/15/26 08:25

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/22/26 11:50	04/25/26 07:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/22/26 11:50	04/25/26 07:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/22/26 11:50	04/25/26 07:45	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/22/26 11:50	04/25/26 07:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/22/26 11:50	04/25/26 07:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/22/26 11:50	04/25/26 07:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				04/22/26 11:50	04/25/26 07:45	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/22/26 11:50	04/25/26 07:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.96	U	3.96		ug/L			04/25/26 07:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 20:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/23/26 20:03	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/23/26 20:03	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/23/26 20:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				04/19/26 17:01	04/23/26 20:03	1
o-Terphenyl	78		70 - 130				04/19/26 17:01	04/23/26 20:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.5		9.94		mg/Kg			04/21/26 02:49	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-02

Lab Sample ID: 890-9788-7

Date Collected: 04/15/26 08:30

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 08:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 08:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 08:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 11:50	04/25/26 08:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 08:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 11:50	04/25/26 08:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	04/22/26 11:50	04/25/26 08:06	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/22/26 11:50	04/25/26 08:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.99	U	3.99		ug/L			04/25/26 08:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/23/26 20:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/19/26 17:01	04/23/26 20:23	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/19/26 17:01	04/23/26 20:23	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/19/26 17:01	04/23/26 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130	04/19/26 17:01	04/23/26 20:23	1
o-Terphenyl	66	S1-	70 - 130	04/19/26 17:01	04/23/26 20:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.0		9.92		mg/Kg			04/21/26 03:03	1

Client Sample ID: BH-03

Lab Sample ID: 890-9788-9

Date Collected: 04/15/26 08:40

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 08:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 08:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 08:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 11:50	04/25/26 08:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 08:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 11:50	04/25/26 08:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/22/26 11:50	04/25/26 08:26	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-03

Lab Sample ID: 890-9788-9

Date Collected: 04/15/26 08:40

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	04/22/26 11:50	04/25/26 08:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.02	U	4.02		ug/L			04/25/26 08:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 20:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/23/26 20:43	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/23/26 20:43	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/23/26 20:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				04/19/26 17:01	04/23/26 20:43	1
o-Terphenyl	86		70 - 130				04/19/26 17:01	04/23/26 20:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			04/21/26 03:08	1

Client Sample ID: BH-03

Lab Sample ID: 890-9788-10

Date Collected: 04/15/26 08:45

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/22/26 11:50	04/25/26 08:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 11:50	04/25/26 08:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 11:50	04/25/26 08:46	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 11:50	04/25/26 08:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 11:50	04/25/26 08:46	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 11:50	04/25/26 08:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/22/26 11:50	04/25/26 08:46	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/22/26 11:50	04/25/26 08:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.04	U	4.04		ug/L			04/25/26 08:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/23/26 21:03	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-03

Lab Sample ID: 890-9788-10

Date Collected: 04/15/26 08:45

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/19/26 17:01	04/23/26 21:03	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/19/26 17:01	04/23/26 21:03	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/19/26 17:01	04/23/26 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				04/19/26 17:01	04/23/26 21:03	1
o-Terphenyl	99		70 - 130				04/19/26 17:01	04/23/26 21:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.8		9.94		mg/Kg			04/21/26 03:13	1

Client Sample ID: BH-03

Lab Sample ID: 890-9788-11

Date Collected: 04/15/26 08:50

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/22/26 11:50	04/25/26 09:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 11:50	04/25/26 09:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/26 11:50	04/25/26 09:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/26 11:50	04/25/26 09:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 11:50	04/25/26 09:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/26 11:50	04/25/26 09:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				04/22/26 11:50	04/25/26 09:07	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/22/26 11:50	04/25/26 09:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.98	U	3.98		ug/L			04/25/26 09:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 21:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/23/26 21:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/23/26 21:23	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/23/26 21:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				04/19/26 17:01	04/23/26 21:23	1
o-Terphenyl	96		70 - 130				04/19/26 17:01	04/23/26 21:23	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-03

Lab Sample ID: 890-9788-11

Date Collected: 04/15/26 08:50

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.6		10.0		mg/Kg			04/21/26 03:18	1

Client Sample ID: BH-04

Lab Sample ID: 890-9788-13

Date Collected: 04/15/26 09:00

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 09:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 09:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 09:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 11:50	04/25/26 09:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 09:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 11:50	04/25/26 09:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				04/22/26 11:50	04/25/26 09:27	1
1,4-Difluorobenzene (Surr)	109		70 - 130				04/22/26 11:50	04/25/26 09:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.99	U	3.99		ug/L			04/25/26 09:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/23/26 22:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:01	04/23/26 22:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:01	04/23/26 22:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:01	04/23/26 22:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				04/19/26 17:01	04/23/26 22:04	1
o-Terphenyl	70		70 - 130				04/19/26 17:01	04/23/26 22:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.5		10.1		mg/Kg			04/22/26 01:09	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-04

Lab Sample ID: 890-9788-14

Date Collected: 04/15/26 09:05

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 11:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 11:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 11:18	1
m-Xylene & p-Xylene	0.00874		0.00402		mg/Kg		04/22/26 11:50	04/25/26 11:18	1
o-Xylene	0.00215		0.00201		mg/Kg		04/22/26 11:50	04/25/26 11:18	1
Xylenes, Total	0.0109		0.00402		mg/Kg		04/22/26 11:50	04/25/26 11:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	04/22/26 11:50	04/25/26 11:18	1
1,4-Difluorobenzene (Surr)	82		70 - 130	04/22/26 11:50	04/25/26 11:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.9		4.02		ug/L			04/25/26 11:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	797		49.9		mg/Kg			04/23/26 22:25	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/19/26 17:01	04/23/26 22:25	1
Diesel Range Organics (Over C10-C28)	797		49.9		mg/Kg		04/19/26 17:01	04/23/26 22:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:01	04/23/26 22:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	04/19/26 17:01	04/23/26 22:25	1
o-Terphenyl	71		70 - 130	04/19/26 17:01	04/23/26 22:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.7		10.1		mg/Kg			04/22/26 01:40	1

Client Sample ID: BH-04

Lab Sample ID: 890-9788-15

Date Collected: 04/15/26 09:10

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/22/26 11:50	04/25/26 11:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 11:50	04/25/26 11:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 11:50	04/25/26 11:39	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 11:50	04/25/26 11:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 11:50	04/25/26 11:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 11:50	04/25/26 11:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/22/26 11:50	04/25/26 11:39	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-04

Lab Sample ID: 890-9788-15

Date Collected: 04/15/26 09:10

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	91		70 - 130	04/22/26 11:50	04/25/26 11:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.04	U	4.04		ug/L			04/25/26 11:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	84.7		50.0		mg/Kg			04/23/26 22:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:01	04/23/26 22:46	1
Diesel Range Organics (Over C10-C28)	84.7		50.0		mg/Kg		04/19/26 17:01	04/23/26 22:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:01	04/23/26 22:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				04/19/26 17:01	04/23/26 22:46	1
o-Terphenyl	69	S1-	70 - 130				04/19/26 17:01	04/23/26 22:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.4		10.0		mg/Kg			04/22/26 01:50	1

Client Sample ID: BH-05

Lab Sample ID: 890-9788-17

Date Collected: 04/15/26 09:20

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/22/26 11:50	04/25/26 11:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 11:50	04/25/26 11:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/26 11:50	04/25/26 11:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/26 11:50	04/25/26 11:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 11:50	04/25/26 11:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/26 11:50	04/25/26 11:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	04/22/26 11:50	04/25/26 11:59	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/22/26 11:50	04/25/26 11:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.98	U	3.98		ug/L			04/25/26 11:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/23/26 23:06	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-05

Lab Sample ID: 890-9788-17

Date Collected: 04/15/26 09:20

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/19/26 17:01	04/23/26 23:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/19/26 17:01	04/23/26 23:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:01	04/23/26 23:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				04/19/26 17:01	04/23/26 23:06	1
o-Terphenyl	75		70 - 130				04/19/26 17:01	04/23/26 23:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/22/26 02:01	1

Client Sample ID: BH-05

Lab Sample ID: 890-9788-18

Date Collected: 04/15/26 09:25

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 12:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 12:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 12:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 11:50	04/25/26 12:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 12:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 11:50	04/25/26 12:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				04/22/26 11:50	04/25/26 12:20	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/22/26 11:50	04/25/26 12:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.99	U	3.99		ug/L			04/25/26 12:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/23/26 23:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:01	04/23/26 23:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:01	04/23/26 23:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:01	04/23/26 23:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				04/19/26 17:01	04/23/26 23:27	1
o-Terphenyl	94		70 - 130				04/19/26 17:01	04/23/26 23:27	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-05

Lab Sample ID: 890-9788-18

Date Collected: 04/15/26 09:25

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.1		9.98		mg/Kg			04/22/26 02:11	1

Client Sample ID: BH-05

Lab Sample ID: 890-9788-19

Date Collected: 04/15/26 09:30

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 12:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 12:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 12:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 11:50	04/25/26 12:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:50	04/25/26 12:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 11:50	04/25/26 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/22/26 11:50	04/25/26 12:40	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/22/26 11:50	04/25/26 12:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.02	U	4.02		ug/L			04/25/26 12:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/23/26 23:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/19/26 17:01	04/23/26 23:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/19/26 17:01	04/23/26 23:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/19/26 17:01	04/23/26 23:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				04/19/26 17:01	04/23/26 23:47	1
o-Terphenyl	70		70 - 130				04/19/26 17:01	04/23/26 23:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		9.92		mg/Kg			04/22/26 02:42	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-06

Lab Sample ID: 890-9788-21

Date Collected: 04/15/26 09:40

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 05:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 05:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 05:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 12:21	04/26/26 05:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 05:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 12:21	04/26/26 05:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/22/26 12:21	04/26/26 05:40	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/22/26 12:21	04/26/26 05:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.99	U	3.99		ug/L			04/26/26 05:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/24/26 00:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/19/26 17:01	04/24/26 00:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/19/26 17:01	04/24/26 00:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/19/26 17:01	04/24/26 00:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130	04/19/26 17:01	04/24/26 00:07	1
o-Terphenyl	61	S1-	70 - 130	04/19/26 17:01	04/24/26 00:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.2		9.92		mg/Kg			04/22/26 02:52	1

Client Sample ID: BH-06

Lab Sample ID: 890-9788-22

Date Collected: 04/15/26 09:45

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/22/26 12:21	04/26/26 06:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 12:21	04/26/26 06:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 12:21	04/26/26 06:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 12:21	04/26/26 06:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 12:21	04/26/26 06:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 12:21	04/26/26 06:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	04/22/26 12:21	04/26/26 06:01	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-06

Lab Sample ID: 890-9788-22

Date Collected: 04/15/26 09:45

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96		70 - 130	04/22/26 12:21	04/26/26 06:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.02	U	4.02		ug/L			04/26/26 06:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	97.2		50.1		mg/Kg			04/24/26 00:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/24/26 00:27	1
Diesel Range Organics (Over C10-C28)	97.2		50.1		mg/Kg		04/19/26 17:01	04/24/26 00:27	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/24/26 00:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				04/19/26 17:01	04/24/26 00:27	1
o-Terphenyl	103		70 - 130				04/19/26 17:01	04/24/26 00:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.2		9.94		mg/Kg			04/22/26 03:03	1

Client Sample ID: BH-06

Lab Sample ID: 890-9788-23

Date Collected: 04/15/26 09:50

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/22/26 12:21	04/26/26 06:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 12:21	04/26/26 06:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 12:21	04/26/26 06:21	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 12:21	04/26/26 06:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 12:21	04/26/26 06:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 12:21	04/26/26 06:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	04/22/26 12:21	04/26/26 06:21	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/22/26 12:21	04/26/26 06:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.04	U	4.04		ug/L			04/26/26 06:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/24/26 00:48	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-06

Lab Sample ID: 890-9788-23

Date Collected: 04/15/26 09:50

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/19/26 17:01	04/24/26 00:48	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/19/26 17:01	04/24/26 00:48	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/19/26 17:01	04/24/26 00:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				04/19/26 17:01	04/24/26 00:48	1
o-Terphenyl	81		70 - 130				04/19/26 17:01	04/24/26 00:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/22/26 03:13	1

Client Sample ID: BH-07

Lab Sample ID: 890-9788-25

Date Collected: 04/15/26 10:00

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/22/26 12:21	04/26/26 06:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 12:21	04/26/26 06:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/26 12:21	04/26/26 06:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/26 12:21	04/26/26 06:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 12:21	04/26/26 06:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/26 12:21	04/26/26 06:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				04/22/26 12:21	04/26/26 06:42	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/22/26 12:21	04/26/26 06:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.98	U	3.98		ug/L			04/26/26 06:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/24/26 01:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/24/26 01:08	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/24/26 01:08	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:01	04/24/26 01:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				04/19/26 17:01	04/24/26 01:08	1
o-Terphenyl	67	S1-	70 - 130				04/19/26 17:01	04/24/26 01:08	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-07

Lab Sample ID: 890-9788-25

Date Collected: 04/15/26 10:00

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/22/26 03:23	1

Client Sample ID: BH-07

Lab Sample ID: 890-9788-26

Date Collected: 04/15/26 10:05

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/22/26 12:21	04/26/26 07:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/22/26 12:21	04/26/26 07:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/22/26 12:21	04/26/26 07:02	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/22/26 12:21	04/26/26 07:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/22/26 12:21	04/26/26 07:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/22/26 12:21	04/26/26 07:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				04/22/26 12:21	04/26/26 07:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/22/26 12:21	04/26/26 07:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.96	U	3.96		ug/L			04/26/26 07:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/23/26 05:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/19/26 17:05	04/23/26 05:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/19/26 17:05	04/23/26 05:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:05	04/23/26 05:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				04/19/26 17:05	04/23/26 05:08	1
o-Terphenyl	138	S1+	70 - 130				04/19/26 17:05	04/23/26 05:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.1		10.0		mg/Kg			04/22/26 03:34	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-07

Lab Sample ID: 890-9788-27

Date Collected: 04/15/26 10:10

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 07:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 07:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 07:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 12:21	04/26/26 07:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 07:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 12:21	04/26/26 07:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	04/22/26 12:21	04/26/26 07:23	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/22/26 12:21	04/26/26 07:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.99	U	3.99		ug/L			04/26/26 07:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/23/26 06:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/19/26 17:05	04/23/26 06:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/19/26 17:05	04/23/26 06:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/19/26 17:05	04/23/26 06:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	04/19/26 17:05	04/23/26 06:09	1
o-Terphenyl	133	S1+	70 - 130	04/19/26 17:05	04/23/26 06:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.0		10.0		mg/Kg			04/22/26 04:04	1

Client Sample ID: BH-08

Lab Sample ID: 890-9788-29

Date Collected: 04/15/26 10:25

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/22/26 12:21	04/26/26 07:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 12:21	04/26/26 07:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 12:21	04/26/26 07:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 12:21	04/26/26 07:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 12:21	04/26/26 07:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 12:21	04/26/26 07:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/22/26 12:21	04/26/26 07:43	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-08

Lab Sample ID: 890-9788-29

Date Collected: 04/15/26 10:25

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	04/22/26 12:21	04/26/26 07:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.02	U	4.02		ug/L			04/26/26 07:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 06:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *+	50.1		mg/Kg		04/19/26 17:05	04/23/26 06:29	1
Diesel Range Organics (Over C10-C28)	<50.1	U *+	50.1		mg/Kg		04/19/26 17:05	04/23/26 06:29	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:05	04/23/26 06:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	164	S1+	70 - 130				04/19/26 17:05	04/23/26 06:29	1
o-Terphenyl	175	S1+	70 - 130				04/19/26 17:05	04/23/26 06:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		10.0		mg/Kg			04/22/26 04:15	1

Client Sample ID: BH-08

Lab Sample ID: 890-9788-30

Date Collected: 04/15/26 10:30

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/22/26 12:21	04/26/26 08:03	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 12:21	04/26/26 08:03	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 12:21	04/26/26 08:03	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 12:21	04/26/26 08:03	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 12:21	04/26/26 08:03	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 12:21	04/26/26 08:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/22/26 12:21	04/26/26 08:03	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/22/26 12:21	04/26/26 08:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.04	U	4.04		ug/L			04/26/26 08:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 06:49	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-08

Lab Sample ID: 890-9788-30

Date Collected: 04/15/26 10:30

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U **	50.1		mg/Kg		04/19/26 17:05	04/23/26 06:49	1
Diesel Range Organics (Over C10-C28)	<50.1	U **	50.1		mg/Kg		04/19/26 17:05	04/23/26 06:49	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:05	04/23/26 06:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				04/19/26 17:05	04/23/26 06:49	1
o-Terphenyl	137	S1+	70 - 130				04/19/26 17:05	04/23/26 06:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.6		9.96		mg/Kg			04/22/26 04:46	1

Client Sample ID: BH-08

Lab Sample ID: 890-9788-31

Date Collected: 04/15/26 10:35

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/22/26 12:21	04/26/26 08:24	1
Toluene	0.00261		0.00199		mg/Kg		04/22/26 12:21	04/26/26 08:24	1
Ethylbenzene	0.0103		0.00199		mg/Kg		04/22/26 12:21	04/26/26 08:24	1
m-Xylene & p-Xylene	0.0127		0.00398		mg/Kg		04/22/26 12:21	04/26/26 08:24	1
o-Xylene	0.00353		0.00199		mg/Kg		04/22/26 12:21	04/26/26 08:24	1
Xylenes, Total	0.0162		0.00398		mg/Kg		04/22/26 12:21	04/26/26 08:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				04/22/26 12:21	04/26/26 08:24	1
1,4-Difluorobenzene (Surr)	112		70 - 130				04/22/26 12:21	04/26/26 08:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.1		3.98		ug/L			04/26/26 08:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/23/26 07:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/19/26 17:05	04/23/26 07:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/19/26 17:05	04/23/26 07:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:05	04/23/26 07:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				04/19/26 17:05	04/23/26 07:10	1
o-Terphenyl	71		70 - 130				04/19/26 17:05	04/23/26 07:10	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-08

Lab Sample ID: 890-9788-31

Date Collected: 04/15/26 10:35

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.9		9.98		mg/Kg			04/22/26 04:56	1

Client Sample ID: BH-09

Lab Sample ID: 890-9788-33

Date Collected: 04/15/26 10:45

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 08:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 08:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 08:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 12:21	04/26/26 08:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 08:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 12:21	04/26/26 08:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				04/22/26 12:21	04/26/26 08:44	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/22/26 12:21	04/26/26 08:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.00	U	4.00		ug/L			04/26/26 08:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 07:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U **	50.1		mg/Kg		04/19/26 17:05	04/23/26 07:30	1
Diesel Range Organics (Over C10-C28)	<50.1	U **	50.1		mg/Kg		04/19/26 17:05	04/23/26 07:30	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:05	04/23/26 07:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				04/19/26 17:05	04/23/26 07:30	1
o-Terphenyl	158	S1+	70 - 130				04/19/26 17:05	04/23/26 07:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.5		9.92		mg/Kg			04/22/26 05:06	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-09

Lab Sample ID: 890-9788-34

Date Collected: 04/15/26 10:50

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/22/26 12:21	04/26/26 10:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/22/26 12:21	04/26/26 10:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/22/26 12:21	04/26/26 10:35	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/22/26 12:21	04/26/26 10:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/22/26 12:21	04/26/26 10:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/22/26 12:21	04/26/26 10:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	04/22/26 12:21	04/26/26 10:35	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/22/26 12:21	04/26/26 10:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.96	U	3.96		ug/L			04/26/26 10:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/23/26 07:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/19/26 17:05	04/23/26 07:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		04/19/26 17:05	04/23/26 07:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:05	04/23/26 07:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	04/19/26 17:05	04/23/26 07:50	1
o-Terphenyl	140	S1+	70 - 130	04/19/26 17:05	04/23/26 07:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		10.1		mg/Kg			04/22/26 05:17	1

Client Sample ID: BH-09

Lab Sample ID: 890-9788-35

Date Collected: 04/15/26 10:55

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 10:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 10:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 10:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 12:21	04/26/26 10:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 10:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 12:21	04/26/26 10:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	04/22/26 12:21	04/26/26 10:55	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-09

Lab Sample ID: 890-9788-35

Date Collected: 04/15/26 10:55

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	04/22/26 12:21	04/26/26 10:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.99	U	3.99		ug/L			04/26/26 10:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/23/26 08:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		04/19/26 17:05	04/23/26 08:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		04/19/26 17:05	04/23/26 08:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/19/26 17:05	04/23/26 08:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				04/19/26 17:05	04/23/26 08:11	1
o-Terphenyl	35	S1-	70 - 130				04/19/26 17:05	04/23/26 08:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			04/21/26 19:38	1

Client Sample ID: BH-17

Lab Sample ID: 890-9788-37

Date Collected: 04/15/26 13:20

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/22/26 12:21	04/26/26 11:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 12:21	04/26/26 11:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 12:21	04/26/26 11:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 12:21	04/26/26 11:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 12:21	04/26/26 11:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 12:21	04/26/26 11:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	04/22/26 12:21	04/26/26 11:16	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/22/26 12:21	04/26/26 11:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.02	U	4.02		ug/L			04/26/26 11:16	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/23/26 08:31	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-17

Lab Sample ID: 890-9788-37

Date Collected: 04/15/26 13:20

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/19/26 17:05	04/23/26 08:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		04/19/26 17:05	04/23/26 08:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:05	04/23/26 08:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				04/19/26 17:05	04/23/26 08:31	1
o-Terphenyl	108		70 - 130				04/19/26 17:05	04/23/26 08:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/21/26 20:09	1

Client Sample ID: BH-17

Lab Sample ID: 890-9788-38

Date Collected: 04/15/26 13:25

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 11:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 11:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 11:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/22/26 12:21	04/26/26 11:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 11:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/22/26 12:21	04/26/26 11:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/22/26 12:21	04/26/26 11:36	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/22/26 12:21	04/26/26 11:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.01	U	4.01		ug/L			04/26/26 11:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		50.3		mg/Kg			04/23/26 08:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	54.9	**	50.3		mg/Kg		04/19/26 17:05	04/23/26 08:51	1
Diesel Range Organics (Over C10-C28)	1280	**	50.3		mg/Kg		04/19/26 17:05	04/23/26 08:51	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/19/26 17:05	04/23/26 08:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				04/19/26 17:05	04/23/26 08:51	1
o-Terphenyl	124		70 - 130				04/19/26 17:05	04/23/26 08:51	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-17

Lab Sample ID: 890-9788-38

Date Collected: 04/15/26 13:25

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.7		9.92		mg/Kg			04/21/26 20:20	1

Client Sample ID: BH-17

Lab Sample ID: 890-9788-39

Date Collected: 04/15/26 13:30

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/22/26 12:21	04/26/26 11:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 12:21	04/26/26 11:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/26 12:21	04/26/26 11:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/26 12:21	04/26/26 11:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 12:21	04/26/26 11:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/26 12:21	04/26/26 11:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				04/22/26 12:21	04/26/26 11:57	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/22/26 12:21	04/26/26 11:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.98	U	3.98		ug/L			04/26/26 11:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	294		50.4		mg/Kg			04/23/26 09:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U **	50.4		mg/Kg		04/19/26 17:05	04/23/26 09:32	1
Diesel Range Organics (Over C10-C28)	294	**	50.4		mg/Kg		04/19/26 17:05	04/23/26 09:32	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/19/26 17:05	04/23/26 09:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				04/19/26 17:05	04/23/26 09:32	1
o-Terphenyl	114		70 - 130				04/19/26 17:05	04/23/26 09:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			04/21/26 20:30	1

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Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-9788-1	BH-01	89	99
890-9788-1 MS	BH-01	101	124
890-9788-1 MSD	BH-01	107	112
890-9788-2	BH-01	114	93
890-9788-3	BH-01	110	94
890-9788-5	BH-02	111	109
890-9788-6	BH-02	118	99
890-9788-7	BH-02	119	103
890-9788-9	BH-03	109	94
890-9788-10	BH-03	109	90
890-9788-11	BH-03	132 S1+	96
890-9788-13	BH-04	133 S1+	109
890-9788-14	BH-04	79	82
890-9788-15	BH-04	94	91
890-9788-17	BH-05	115	96
890-9788-18	BH-05	105	90
890-9788-19	BH-05	106	91
890-9788-21	BH-06	93	93
890-9788-21 MS	BH-06	100	106
890-9788-21 MSD	BH-06	108	110
890-9788-22	BH-06	112	96
890-9788-23	BH-06	122	101
890-9788-25	BH-07	109	94
890-9788-26	BH-07	114	96
890-9788-27	BH-07	119	104
890-9788-29	BH-08	108	94
890-9788-30	BH-08	98	97
890-9788-31	BH-08	85	112
890-9788-33	BH-09	87	93
890-9788-34	BH-09	77	85
890-9788-35	BH-09	130	101
890-9788-37	BH-17	131 S1+	102
890-9788-38	BH-17	106	93
890-9788-39	BH-17	121	99
LCS 880-138595/1-A	Lab Control Sample	110	117
LCS 880-138597/1-A	Lab Control Sample	111	104
LCSD 880-138595/2-A	Lab Control Sample Dup	94	120
LCSD 880-138597/2-A	Lab Control Sample Dup	106	121
MB 880-138595/5-A	Method Blank	219 S1+	123
MB 880-138597/5-A	Method Blank	247 S1+	117
MB 880-138599/5-A	Method Blank	218 S1+	120
MB 880-138607/5-A	Method Blank	250 S1+	120

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Client: Earth Systems Response and Restoration

Job ID: 890-9788-1

Project/Site: Double X Federal #4 Lact

SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9788-1	BH-01	67 S1-	70
890-9788-2	BH-01	76	86
890-9788-3	BH-01	68 S1-	77
890-9788-5	BH-02	78	79
890-9788-6	BH-02	76	78
890-9788-7	BH-02	64 S1-	66 S1-
890-9788-9	BH-03	95	86
890-9788-10	BH-03	107	99
890-9788-11	BH-03	98	96
890-9788-13	BH-04	68 S1-	70
890-9788-14	BH-04	68 S1-	71
890-9788-15	BH-04	69 S1-	69 S1-
890-9788-17	BH-05	75	75
890-9788-18	BH-05	103	94
890-9788-19	BH-05	69 S1-	70
890-9788-21	BH-06	61 S1-	61 S1-
890-9788-22	BH-06	111	103
890-9788-23	BH-06	82	81
890-9788-25	BH-07	68 S1-	67 S1-
890-9788-26	BH-07	130	138 S1+
890-9788-26 MS	BH-07	144 S1+	146 S1+
890-9788-26 MSD	BH-07	129	133 S1+
890-9788-27	BH-07	117	133 S1+
890-9788-29	BH-08	164 S1+	175 S1+
890-9788-30	BH-08	127	137 S1+
890-9788-31	BH-08	64 S1-	71
890-9788-33	BH-09	141 S1+	158 S1+
890-9788-34	BH-09	134 S1+	140 S1+
890-9788-35	BH-09	100	35 S1-
890-9788-37	BH-17	107	108
890-9788-38	BH-17	112	124
890-9788-39	BH-17	110	114
LCS 880-138239/2-A	Lab Control Sample	105	89
LCS 880-138240/2-A	Lab Control Sample	213 S1+	227 S1+
LCSD 880-138239/3-A	Lab Control Sample Dup	101	86
LCSD 880-138240/3-A	Lab Control Sample Dup	213 S1+	227 S1+
MB 880-138239/1-A	Method Blank	70	63 S1-
MB 880-138240/1-A	Method Blank	172 S1+	188 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138595/5-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138595

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 05:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 05:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 05:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 11:50	04/25/26 05:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 05:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 11:50	04/25/26 05:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	219	S1+	70 - 130	04/22/26 11:50	04/25/26 05:55	1
1,4-Difluorobenzene (Surr)	123		70 - 130	04/22/26 11:50	04/25/26 05:55	1

Lab Sample ID: LCS 880-138595/1-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138595

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1194		mg/Kg		119	70 - 130
Toluene	0.100	0.09370		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.1071		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2172		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1064		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: LCSD 880-138595/2-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138595

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1053		mg/Kg		105	70 - 130	13	35
Toluene	0.100	0.08436		mg/Kg		84	70 - 130	10	35
Ethylbenzene	0.100	0.09092		mg/Kg		91	70 - 130	16	35
m-Xylene & p-Xylene	0.200	0.1899		mg/Kg		95	70 - 130	13	35
o-Xylene	0.100	0.09337		mg/Kg		93	70 - 130	13	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	120		70 - 130

Lab Sample ID: 890-9788-1 MS

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: BH-01

Prep Type: Total/NA

Prep Batch: 138595

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1025		mg/Kg		102	70 - 130
Toluene	<0.00200	U	0.100	0.08041		mg/Kg		80	70 - 130

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-9788-1 MS

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: BH-01

Prep Type: Total/NA

Prep Batch: 138595

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08893		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1839		mg/Kg		92	70 - 130
o-Xylene	<0.00200	U	0.100	0.08908		mg/Kg		89	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	124		70 - 130

Lab Sample ID: 890-9788-1 MSD

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: BH-01

Prep Type: Total/NA

Prep Batch: 138595

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1061		mg/Kg		106	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.09280		mg/Kg		93	70 - 130	14	35
Ethylbenzene	<0.00200	U	0.100	0.09870		mg/Kg		99	70 - 130	10	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2007		mg/Kg		100	70 - 130	9	35
o-Xylene	<0.00200	U	0.100	0.09740		mg/Kg		97	70 - 130	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: MB 880-138597/5-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138597

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 05:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 05:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 05:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 12:21	04/26/26 05:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 05:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 12:21	04/26/26 05:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	247	S1+	70 - 130	04/22/26 12:21	04/26/26 05:12	1
1,4-Difluorobenzene (Surr)	117		70 - 130	04/22/26 12:21	04/26/26 05:12	1

Lab Sample ID: LCS 880-138597/1-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07584		mg/Kg		76	70 - 130
Toluene	0.100	0.07161		mg/Kg		72	70 - 130
Ethylbenzene	0.100	0.07676		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	0.200	0.1589		mg/Kg		79	70 - 130

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-138597/1-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08023		mg/Kg		80	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-138597/2-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138597

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08773		mg/Kg		88	70 - 130	15	35
Toluene	0.100	0.07081		mg/Kg		71	70 - 130	1	35
Ethylbenzene	0.100	0.07550		mg/Kg		76	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1649		mg/Kg		82	70 - 130	4	35
o-Xylene	0.100	0.08145		mg/Kg		81	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	121		70 - 130

Lab Sample ID: 890-9788-21 MS

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: BH-06

Prep Type: Total/NA

Prep Batch: 138597

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09665		mg/Kg		97	70 - 130
Toluene	<0.00200	U	0.100	0.08297		mg/Kg		83	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08961		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1768		mg/Kg		88	70 - 130
o-Xylene	<0.00200	U	0.100	0.08563		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 890-9788-21 MSD

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: BH-06

Prep Type: Total/NA

Prep Batch: 138597

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1010		mg/Kg		101	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.08686		mg/Kg		87	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.1019		mg/Kg		102	70 - 130	13	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1973		mg/Kg		99	70 - 130	11	35
o-Xylene	<0.00200	U	0.100	0.09506		mg/Kg		95	70 - 130	10	35

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-9788-21 MSD

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: BH-06

Prep Type: Total/NA

Prep Batch: 138597

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: MB 880-138599/5-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138599

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:34	04/24/26 18:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:34	04/24/26 18:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:34	04/24/26 18:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 12:34	04/24/26 18:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:34	04/24/26 18:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 12:34	04/24/26 18:17	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	218	S1+	70 - 130				04/22/26 12:34	04/24/26 18:17	1
1,4-Difluorobenzene (Surr)	120		70 - 130				04/22/26 12:34	04/24/26 18:17	1

Lab Sample ID: MB 880-138607/5-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138607

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 17:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 17:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 17:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 13:01	04/25/26 17:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 17:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 13:01	04/25/26 17:34	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	250	S1+	70 - 130				04/22/26 13:01	04/25/26 17:34	1
1,4-Difluorobenzene (Surr)	120		70 - 130				04/22/26 13:01	04/25/26 17:34	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-138239/1-A

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138239

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:01	04/23/26 15:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:01	04/23/26 15:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:01	04/23/26 15:17	1

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-138239/1-A

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138239

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	04/19/26 17:01	04/23/26 15:17	1
o-Terphenyl	63	S1-	70 - 130	04/19/26 17:01	04/23/26 15:17	1

Lab Sample ID: LCS 880-138239/2-A

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138239

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	908.8		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	894.8		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: LCSD 880-138239/3-A

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138239

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	827.7		mg/Kg		83	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	881.1		mg/Kg		88	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: MB 880-138240/1-A

Matrix: Solid

Analysis Batch: 138661

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138240

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:05	04/23/26 04:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:05	04/23/26 04:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:05	04/23/26 04:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	172	S1+	70 - 130	04/19/26 17:05	04/23/26 04:06	1
o-Terphenyl	188	S1+	70 - 130	04/19/26 17:05	04/23/26 04:06	1

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-138240/2-A

Matrix: Solid

Analysis Batch: 138661

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138240

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	2431	*+	mg/Kg		243	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	2512	*+	mg/Kg		251	70 - 130		

Lab Sample ID: LCSD 880-138240/3-A

Matrix: Solid

Analysis Batch: 138661

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138240

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	2383	*+	mg/Kg		238	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	2524	*+	mg/Kg		252	70 - 130	0	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	213	S1+	70 - 130								
o-Terphenyl	227	S1+	70 - 130								

Lab Sample ID: 890-9788-26 MS

Matrix: Solid

Analysis Batch: 138661

Client Sample ID: BH-07

Prep Type: Total/NA

Prep Batch: 138240

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	996	838.7		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U *+	996	985.8		mg/Kg		97	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	144	S1+	70 - 130								
o-Terphenyl	146	S1+	70 - 130								

Lab Sample ID: 890-9788-26 MSD

Matrix: Solid

Analysis Batch: 138661

Client Sample ID: BH-07

Prep Type: Total/NA

Prep Batch: 138240

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	996	892.3		mg/Kg		87	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U *	996	892.3		mg/Kg		88	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	129		70 - 130								

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-9788-26 MSD

Matrix: Solid

Analysis Batch: 138661

Client Sample ID: BH-07

Prep Type: Total/NA

Prep Batch: 138240

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	133	S1+	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138268/1-A

Matrix: Solid

Analysis Batch: 138339

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<10.0	U	10.0		mg/Kg			04/22/26 00:38	1	

Lab Sample ID: LCS 880-138268/2-A

Matrix: Solid

Analysis Batch: 138339

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte		Spike	LCS	LCS				%Rec		
		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride		250	255.1		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-138268/3-A

Matrix: Solid

Analysis Batch: 138339

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte		Spike	LCSD	LCSD				%Rec		RPD
		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride		250	255.7		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-9788-13 MS

Matrix: Solid

Analysis Batch: 138339

Client Sample ID: BH-04

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS				%Rec	
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	15.5		252	272.7		mg/Kg		102	90 - 110	

Lab Sample ID: 890-9788-13 MSD

Matrix: Solid

Analysis Batch: 138339

Client Sample ID: BH-04

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD				%Rec	RPD
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	Limit
Chloride	15.5		252	272.3		mg/Kg		102	90 - 110	0 20

Lab Sample ID: 890-9788-26 MS

Matrix: Solid

Analysis Batch: 138339

Client Sample ID: BH-07

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS				%Rec	
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	68.1		251	324.7		mg/Kg		102	90 - 110	

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9788-26 MSD

Matrix: Solid

Analysis Batch: 138339

Client Sample ID: BH-07

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	68.1		251	324.5		mg/Kg		102	90 - 110	0	20

Lab Sample ID: MB 880-138266/1-A

Matrix: Solid

Analysis Batch: 138341

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/21/26 01:07	1

Lab Sample ID: LCS 880-138266/2-A

Matrix: Solid

Analysis Batch: 138341

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.5		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-138266/3-A

Matrix: Solid

Analysis Batch: 138341

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	258.4		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 890-9788-3 MS

Matrix: Solid

Analysis Batch: 138341

Client Sample ID: BH-01

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	27.6		250	290.6		mg/Kg		105	90 - 110

Lab Sample ID: 890-9788-3 MSD

Matrix: Solid

Analysis Batch: 138341

Client Sample ID: BH-01

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	27.6		250	293.9		mg/Kg		107	90 - 110	1	20

Lab Sample ID: MB 880-138269/1-A

Matrix: Solid

Analysis Batch: 138344

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/21/26 19:07	1

Lab Sample ID: LCS 880-138269/2-A

Matrix: Solid

Analysis Batch: 138344

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.1		mg/Kg		102	90 - 110

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-138269/3-A

Matrix: Solid

Analysis Batch: 138344

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	253.8		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-9788-35 MS

Matrix: Solid

Analysis Batch: 138344

Client Sample ID: BH-09

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<10.1	U	252	259.7		mg/Kg		101	90 - 110		

Lab Sample ID: 890-9788-35 MSD

Matrix: Solid

Analysis Batch: 138344

Client Sample ID: BH-09

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.1	U	252	260.5		mg/Kg		101	90 - 110	0	20

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

GC VOA

Prep Batch: 138595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-1	BH-01	Total/NA	Solid	5035	
890-9788-2	BH-01	Total/NA	Solid	5035	
890-9788-3	BH-01	Total/NA	Solid	5035	
890-9788-5	BH-02	Total/NA	Solid	5035	
890-9788-6	BH-02	Total/NA	Solid	5035	
890-9788-7	BH-02	Total/NA	Solid	5035	
890-9788-9	BH-03	Total/NA	Solid	5035	
890-9788-10	BH-03	Total/NA	Solid	5035	
890-9788-11	BH-03	Total/NA	Solid	5035	
890-9788-13	BH-04	Total/NA	Solid	5035	
890-9788-14	BH-04	Total/NA	Solid	5035	
890-9788-15	BH-04	Total/NA	Solid	5035	
890-9788-17	BH-05	Total/NA	Solid	5035	
890-9788-18	BH-05	Total/NA	Solid	5035	
890-9788-19	BH-05	Total/NA	Solid	5035	
MB 880-138595/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138595/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138595/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9788-1 MS	BH-01	Total/NA	Solid	5035	
890-9788-1 MSD	BH-01	Total/NA	Solid	5035	

Prep Batch: 138597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-21	BH-06	Total/NA	Solid	5035	
890-9788-22	BH-06	Total/NA	Solid	5035	
890-9788-23	BH-06	Total/NA	Solid	5035	
890-9788-25	BH-07	Total/NA	Solid	5035	
890-9788-26	BH-07	Total/NA	Solid	5035	
890-9788-27	BH-07	Total/NA	Solid	5035	
890-9788-29	BH-08	Total/NA	Solid	5035	
890-9788-30	BH-08	Total/NA	Solid	5035	
890-9788-31	BH-08	Total/NA	Solid	5035	
890-9788-33	BH-09	Total/NA	Solid	5035	
890-9788-34	BH-09	Total/NA	Solid	5035	
890-9788-35	BH-09	Total/NA	Solid	5035	
890-9788-37	BH-17	Total/NA	Solid	5035	
890-9788-38	BH-17	Total/NA	Solid	5035	
890-9788-39	BH-17	Total/NA	Solid	5035	
MB 880-138597/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138597/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138597/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9788-21 MS	BH-06	Total/NA	Solid	5035	
890-9788-21 MSD	BH-06	Total/NA	Solid	5035	

Prep Batch: 138599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138599/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 138607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138607/5-A	Method Blank	Total/NA	Solid	5035	

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QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

GC VOA

Analysis Batch: 138842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-1	BH-01	Total/NA	Solid	8021B	138595
890-9788-2	BH-01	Total/NA	Solid	8021B	138595
890-9788-3	BH-01	Total/NA	Solid	8021B	138595
890-9788-5	BH-02	Total/NA	Solid	8021B	138595
890-9788-6	BH-02	Total/NA	Solid	8021B	138595
890-9788-7	BH-02	Total/NA	Solid	8021B	138595
890-9788-9	BH-03	Total/NA	Solid	8021B	138595
890-9788-10	BH-03	Total/NA	Solid	8021B	138595
890-9788-11	BH-03	Total/NA	Solid	8021B	138595
890-9788-13	BH-04	Total/NA	Solid	8021B	138595
890-9788-14	BH-04	Total/NA	Solid	8021B	138595
890-9788-15	BH-04	Total/NA	Solid	8021B	138595
890-9788-17	BH-05	Total/NA	Solid	8021B	138595
890-9788-18	BH-05	Total/NA	Solid	8021B	138595
890-9788-19	BH-05	Total/NA	Solid	8021B	138595
890-9788-21	BH-06	Total/NA	Solid	8021B	138597
890-9788-22	BH-06	Total/NA	Solid	8021B	138597
890-9788-23	BH-06	Total/NA	Solid	8021B	138597
890-9788-25	BH-07	Total/NA	Solid	8021B	138597
890-9788-26	BH-07	Total/NA	Solid	8021B	138597
890-9788-27	BH-07	Total/NA	Solid	8021B	138597
890-9788-29	BH-08	Total/NA	Solid	8021B	138597
890-9788-30	BH-08	Total/NA	Solid	8021B	138597
890-9788-31	BH-08	Total/NA	Solid	8021B	138597
890-9788-33	BH-09	Total/NA	Solid	8021B	138597
890-9788-34	BH-09	Total/NA	Solid	8021B	138597
890-9788-35	BH-09	Total/NA	Solid	8021B	138597
890-9788-37	BH-17	Total/NA	Solid	8021B	138597
890-9788-38	BH-17	Total/NA	Solid	8021B	138597
890-9788-39	BH-17	Total/NA	Solid	8021B	138597
MB 880-138595/5-A	Method Blank	Total/NA	Solid	8021B	138595
MB 880-138597/5-A	Method Blank	Total/NA	Solid	8021B	138597
MB 880-138599/5-A	Method Blank	Total/NA	Solid	8021B	138599
MB 880-138607/5-A	Method Blank	Total/NA	Solid	8021B	138607
LCS 880-138595/1-A	Lab Control Sample	Total/NA	Solid	8021B	138595
LCS 880-138597/1-A	Lab Control Sample	Total/NA	Solid	8021B	138597
LCSD 880-138595/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138595
LCSD 880-138597/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138597
890-9788-1 MS	BH-01	Total/NA	Solid	8021B	138595
890-9788-1 MSD	BH-01	Total/NA	Solid	8021B	138595
890-9788-21 MS	BH-06	Total/NA	Solid	8021B	138597
890-9788-21 MSD	BH-06	Total/NA	Solid	8021B	138597

Analysis Batch: 139115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-1	BH-01	Total/NA	Solid	Total BTEX	
890-9788-2	BH-01	Total/NA	Solid	Total BTEX	
890-9788-3	BH-01	Total/NA	Solid	Total BTEX	
890-9788-5	BH-02	Total/NA	Solid	Total BTEX	
890-9788-6	BH-02	Total/NA	Solid	Total BTEX	
890-9788-7	BH-02	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

GC VOA (Continued)

Analysis Batch: 139115 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-9	BH-03	Total/NA	Solid	Total BTEX	
890-9788-10	BH-03	Total/NA	Solid	Total BTEX	
890-9788-11	BH-03	Total/NA	Solid	Total BTEX	
890-9788-13	BH-04	Total/NA	Solid	Total BTEX	
890-9788-14	BH-04	Total/NA	Solid	Total BTEX	
890-9788-15	BH-04	Total/NA	Solid	Total BTEX	
890-9788-17	BH-05	Total/NA	Solid	Total BTEX	
890-9788-18	BH-05	Total/NA	Solid	Total BTEX	
890-9788-19	BH-05	Total/NA	Solid	Total BTEX	
890-9788-21	BH-06	Total/NA	Solid	Total BTEX	
890-9788-22	BH-06	Total/NA	Solid	Total BTEX	
890-9788-23	BH-06	Total/NA	Solid	Total BTEX	
890-9788-25	BH-07	Total/NA	Solid	Total BTEX	
890-9788-26	BH-07	Total/NA	Solid	Total BTEX	
890-9788-27	BH-07	Total/NA	Solid	Total BTEX	
890-9788-29	BH-08	Total/NA	Solid	Total BTEX	
890-9788-30	BH-08	Total/NA	Solid	Total BTEX	
890-9788-31	BH-08	Total/NA	Solid	Total BTEX	
890-9788-33	BH-09	Total/NA	Solid	Total BTEX	
890-9788-34	BH-09	Total/NA	Solid	Total BTEX	
890-9788-35	BH-09	Total/NA	Solid	Total BTEX	
890-9788-37	BH-17	Total/NA	Solid	Total BTEX	
890-9788-38	BH-17	Total/NA	Solid	Total BTEX	
890-9788-39	BH-17	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 138239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-1	BH-01	Total/NA	Solid	8015NM Prep	
890-9788-2	BH-01	Total/NA	Solid	8015NM Prep	
890-9788-3	BH-01	Total/NA	Solid	8015NM Prep	
890-9788-5	BH-02	Total/NA	Solid	8015NM Prep	
890-9788-6	BH-02	Total/NA	Solid	8015NM Prep	
890-9788-7	BH-02	Total/NA	Solid	8015NM Prep	
890-9788-9	BH-03	Total/NA	Solid	8015NM Prep	
890-9788-10	BH-03	Total/NA	Solid	8015NM Prep	
890-9788-11	BH-03	Total/NA	Solid	8015NM Prep	
890-9788-13	BH-04	Total/NA	Solid	8015NM Prep	
890-9788-14	BH-04	Total/NA	Solid	8015NM Prep	
890-9788-15	BH-04	Total/NA	Solid	8015NM Prep	
890-9788-17	BH-05	Total/NA	Solid	8015NM Prep	
890-9788-18	BH-05	Total/NA	Solid	8015NM Prep	
890-9788-19	BH-05	Total/NA	Solid	8015NM Prep	
890-9788-21	BH-06	Total/NA	Solid	8015NM Prep	
890-9788-22	BH-06	Total/NA	Solid	8015NM Prep	
890-9788-23	BH-06	Total/NA	Solid	8015NM Prep	
890-9788-25	BH-07	Total/NA	Solid	8015NM Prep	
MB 880-138239/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138239/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138239/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

GC Semi VOA

Prep Batch: 138240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-26	BH-07	Total/NA	Solid	8015NM Prep	
890-9788-27	BH-07	Total/NA	Solid	8015NM Prep	
890-9788-29	BH-08	Total/NA	Solid	8015NM Prep	
890-9788-30	BH-08	Total/NA	Solid	8015NM Prep	
890-9788-31	BH-08	Total/NA	Solid	8015NM Prep	
890-9788-33	BH-09	Total/NA	Solid	8015NM Prep	
890-9788-34	BH-09	Total/NA	Solid	8015NM Prep	
890-9788-35	BH-09	Total/NA	Solid	8015NM Prep	
890-9788-37	BH-17	Total/NA	Solid	8015NM Prep	
890-9788-38	BH-17	Total/NA	Solid	8015NM Prep	
890-9788-39	BH-17	Total/NA	Solid	8015NM Prep	
MB 880-138240/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138240/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138240/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9788-26 MS	BH-07	Total/NA	Solid	8015NM Prep	
890-9788-26 MSD	BH-07	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-26	BH-07	Total/NA	Solid	8015B NM	138240
890-9788-27	BH-07	Total/NA	Solid	8015B NM	138240
890-9788-29	BH-08	Total/NA	Solid	8015B NM	138240
890-9788-30	BH-08	Total/NA	Solid	8015B NM	138240
890-9788-31	BH-08	Total/NA	Solid	8015B NM	138240
890-9788-33	BH-09	Total/NA	Solid	8015B NM	138240
890-9788-34	BH-09	Total/NA	Solid	8015B NM	138240
890-9788-35	BH-09	Total/NA	Solid	8015B NM	138240
890-9788-37	BH-17	Total/NA	Solid	8015B NM	138240
890-9788-38	BH-17	Total/NA	Solid	8015B NM	138240
890-9788-39	BH-17	Total/NA	Solid	8015B NM	138240
MB 880-138240/1-A	Method Blank	Total/NA	Solid	8015B NM	138240
LCS 880-138240/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138240
LCSD 880-138240/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138240
890-9788-26 MS	BH-07	Total/NA	Solid	8015B NM	138240
890-9788-26 MSD	BH-07	Total/NA	Solid	8015B NM	138240

Analysis Batch: 138789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-1	BH-01	Total/NA	Solid	8015 NM	
890-9788-2	BH-01	Total/NA	Solid	8015 NM	
890-9788-3	BH-01	Total/NA	Solid	8015 NM	
890-9788-5	BH-02	Total/NA	Solid	8015 NM	
890-9788-6	BH-02	Total/NA	Solid	8015 NM	
890-9788-7	BH-02	Total/NA	Solid	8015 NM	
890-9788-9	BH-03	Total/NA	Solid	8015 NM	
890-9788-10	BH-03	Total/NA	Solid	8015 NM	
890-9788-11	BH-03	Total/NA	Solid	8015 NM	
890-9788-13	BH-04	Total/NA	Solid	8015 NM	
890-9788-14	BH-04	Total/NA	Solid	8015 NM	
890-9788-15	BH-04	Total/NA	Solid	8015 NM	
890-9788-17	BH-05	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

GC Semi VOA (Continued)

Analysis Batch: 138789 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-18	BH-05	Total/NA	Solid	8015 NM	
890-9788-19	BH-05	Total/NA	Solid	8015 NM	
890-9788-21	BH-06	Total/NA	Solid	8015 NM	
890-9788-22	BH-06	Total/NA	Solid	8015 NM	
890-9788-23	BH-06	Total/NA	Solid	8015 NM	
890-9788-25	BH-07	Total/NA	Solid	8015 NM	
890-9788-26	BH-07	Total/NA	Solid	8015 NM	
890-9788-27	BH-07	Total/NA	Solid	8015 NM	
890-9788-29	BH-08	Total/NA	Solid	8015 NM	
890-9788-30	BH-08	Total/NA	Solid	8015 NM	
890-9788-31	BH-08	Total/NA	Solid	8015 NM	
890-9788-33	BH-09	Total/NA	Solid	8015 NM	
890-9788-34	BH-09	Total/NA	Solid	8015 NM	
890-9788-35	BH-09	Total/NA	Solid	8015 NM	
890-9788-37	BH-17	Total/NA	Solid	8015 NM	
890-9788-38	BH-17	Total/NA	Solid	8015 NM	
890-9788-39	BH-17	Total/NA	Solid	8015 NM	

Analysis Batch: 138804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-1	BH-01	Total/NA	Solid	8015B NM	138239
890-9788-2	BH-01	Total/NA	Solid	8015B NM	138239
890-9788-3	BH-01	Total/NA	Solid	8015B NM	138239
890-9788-5	BH-02	Total/NA	Solid	8015B NM	138239
890-9788-6	BH-02	Total/NA	Solid	8015B NM	138239
890-9788-7	BH-02	Total/NA	Solid	8015B NM	138239
890-9788-9	BH-03	Total/NA	Solid	8015B NM	138239
890-9788-10	BH-03	Total/NA	Solid	8015B NM	138239
890-9788-11	BH-03	Total/NA	Solid	8015B NM	138239
890-9788-13	BH-04	Total/NA	Solid	8015B NM	138239
890-9788-14	BH-04	Total/NA	Solid	8015B NM	138239
890-9788-15	BH-04	Total/NA	Solid	8015B NM	138239
890-9788-17	BH-05	Total/NA	Solid	8015B NM	138239
890-9788-18	BH-05	Total/NA	Solid	8015B NM	138239
890-9788-19	BH-05	Total/NA	Solid	8015B NM	138239
890-9788-21	BH-06	Total/NA	Solid	8015B NM	138239
890-9788-22	BH-06	Total/NA	Solid	8015B NM	138239
890-9788-23	BH-06	Total/NA	Solid	8015B NM	138239
890-9788-25	BH-07	Total/NA	Solid	8015B NM	138239
MB 880-138239/1-A	Method Blank	Total/NA	Solid	8015B NM	138239
LCS 880-138239/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138239
LCSD 880-138239/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138239

HPLC/IC

Leach Batch: 138266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-1	BH-01	Soluble	Solid	DI Leach	
890-9788-2	BH-01	Soluble	Solid	DI Leach	
890-9788-3	BH-01	Soluble	Solid	DI Leach	
890-9788-5	BH-02	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

HPLC/IC (Continued)

Leach Batch: 138266 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-6	BH-02	Soluble	Solid	DI Leach	
890-9788-7	BH-02	Soluble	Solid	DI Leach	
890-9788-9	BH-03	Soluble	Solid	DI Leach	
890-9788-10	BH-03	Soluble	Solid	DI Leach	
890-9788-11	BH-03	Soluble	Solid	DI Leach	
MB 880-138266/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138266/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138266/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9788-3 MS	BH-01	Soluble	Solid	DI Leach	
890-9788-3 MSD	BH-01	Soluble	Solid	DI Leach	

Leach Batch: 138268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-13	BH-04	Soluble	Solid	DI Leach	
890-9788-14	BH-04	Soluble	Solid	DI Leach	
890-9788-15	BH-04	Soluble	Solid	DI Leach	
890-9788-17	BH-05	Soluble	Solid	DI Leach	
890-9788-18	BH-05	Soluble	Solid	DI Leach	
890-9788-19	BH-05	Soluble	Solid	DI Leach	
890-9788-21	BH-06	Soluble	Solid	DI Leach	
890-9788-22	BH-06	Soluble	Solid	DI Leach	
890-9788-23	BH-06	Soluble	Solid	DI Leach	
890-9788-25	BH-07	Soluble	Solid	DI Leach	
890-9788-26	BH-07	Soluble	Solid	DI Leach	
890-9788-27	BH-07	Soluble	Solid	DI Leach	
890-9788-29	BH-08	Soluble	Solid	DI Leach	
890-9788-30	BH-08	Soluble	Solid	DI Leach	
890-9788-31	BH-08	Soluble	Solid	DI Leach	
890-9788-33	BH-09	Soluble	Solid	DI Leach	
890-9788-34	BH-09	Soluble	Solid	DI Leach	
MB 880-138268/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138268/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138268/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9788-13 MS	BH-04	Soluble	Solid	DI Leach	
890-9788-13 MSD	BH-04	Soluble	Solid	DI Leach	
890-9788-26 MS	BH-07	Soluble	Solid	DI Leach	
890-9788-26 MSD	BH-07	Soluble	Solid	DI Leach	

Leach Batch: 138269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-35	BH-09	Soluble	Solid	DI Leach	
890-9788-37	BH-17	Soluble	Solid	DI Leach	
890-9788-38	BH-17	Soluble	Solid	DI Leach	
890-9788-39	BH-17	Soluble	Solid	DI Leach	
MB 880-138269/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138269/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138269/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9788-35 MS	BH-09	Soluble	Solid	DI Leach	
890-9788-35 MSD	BH-09	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

HPLC/IC

Analysis Batch: 138339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-13	BH-04	Soluble	Solid	300.0	138268
890-9788-14	BH-04	Soluble	Solid	300.0	138268
890-9788-15	BH-04	Soluble	Solid	300.0	138268
890-9788-17	BH-05	Soluble	Solid	300.0	138268
890-9788-18	BH-05	Soluble	Solid	300.0	138268
890-9788-19	BH-05	Soluble	Solid	300.0	138268
890-9788-21	BH-06	Soluble	Solid	300.0	138268
890-9788-22	BH-06	Soluble	Solid	300.0	138268
890-9788-23	BH-06	Soluble	Solid	300.0	138268
890-9788-25	BH-07	Soluble	Solid	300.0	138268
890-9788-26	BH-07	Soluble	Solid	300.0	138268
890-9788-27	BH-07	Soluble	Solid	300.0	138268
890-9788-29	BH-08	Soluble	Solid	300.0	138268
890-9788-30	BH-08	Soluble	Solid	300.0	138268
890-9788-31	BH-08	Soluble	Solid	300.0	138268
890-9788-33	BH-09	Soluble	Solid	300.0	138268
890-9788-34	BH-09	Soluble	Solid	300.0	138268
MB 880-138268/1-A	Method Blank	Soluble	Solid	300.0	138268
LCS 880-138268/2-A	Lab Control Sample	Soluble	Solid	300.0	138268
LCSD 880-138268/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138268
890-9788-13 MS	BH-04	Soluble	Solid	300.0	138268
890-9788-13 MSD	BH-04	Soluble	Solid	300.0	138268
890-9788-26 MS	BH-07	Soluble	Solid	300.0	138268
890-9788-26 MSD	BH-07	Soluble	Solid	300.0	138268

Analysis Batch: 138341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-1	BH-01	Soluble	Solid	300.0	138266
890-9788-2	BH-01	Soluble	Solid	300.0	138266
890-9788-3	BH-01	Soluble	Solid	300.0	138266
890-9788-5	BH-02	Soluble	Solid	300.0	138266
890-9788-6	BH-02	Soluble	Solid	300.0	138266
890-9788-7	BH-02	Soluble	Solid	300.0	138266
890-9788-9	BH-03	Soluble	Solid	300.0	138266
890-9788-10	BH-03	Soluble	Solid	300.0	138266
890-9788-11	BH-03	Soluble	Solid	300.0	138266
MB 880-138266/1-A	Method Blank	Soluble	Solid	300.0	138266
LCS 880-138266/2-A	Lab Control Sample	Soluble	Solid	300.0	138266
LCSD 880-138266/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138266
890-9788-3 MS	BH-01	Soluble	Solid	300.0	138266
890-9788-3 MSD	BH-01	Soluble	Solid	300.0	138266

Analysis Batch: 138344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-35	BH-09	Soluble	Solid	300.0	138269
890-9788-37	BH-17	Soluble	Solid	300.0	138269
890-9788-38	BH-17	Soluble	Solid	300.0	138269
890-9788-39	BH-17	Soluble	Solid	300.0	138269
MB 880-138269/1-A	Method Blank	Soluble	Solid	300.0	138269
LCS 880-138269/2-A	Lab Control Sample	Soluble	Solid	300.0	138269
LCSD 880-138269/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138269

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QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

HPLC/IC (Continued)

Analysis Batch: 138344 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9788-35 MS	BH-09	Soluble	Solid	300.0	138269
890-9788-35 MSD	BH-09	Soluble	Solid	300.0	138269

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-01

Lab Sample ID: 890-9788-1

Date Collected: 04/15/26 08:00

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 06:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 06:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 18:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 18:41	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138266	04/20/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138341	04/21/26 02:20	SMC	EET MID

Client Sample ID: BH-01

Lab Sample ID: 890-9788-2

Date Collected: 04/15/26 08:05

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 06:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 06:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 19:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 19:01	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138266	04/20/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138341	04/21/26 02:24	SMC	EET MID

Client Sample ID: BH-01

Lab Sample ID: 890-9788-3

Date Collected: 04/15/26 08:10

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 07:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 07:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 19:22	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 19:22	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138266	04/20/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138341	04/21/26 02:29	SMC	EET MID

Client Sample ID: BH-02

Lab Sample ID: 890-9788-5

Date Collected: 04/15/26 08:20

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 07:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 07:25	SA	EET MID

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Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-02

Lab Sample ID: 890-9788-5

Date Collected: 04/15/26 08:20

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			138789	04/23/26 19:42	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 19:42	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138266	04/20/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138341	04/21/26 02:44	SMC	EET MID

Client Sample ID: BH-02

Lab Sample ID: 890-9788-6

Date Collected: 04/15/26 08:25

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 07:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 07:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 20:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 20:03	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138266	04/20/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138341	04/21/26 02:49	SMC	EET MID

Client Sample ID: BH-02

Lab Sample ID: 890-9788-7

Date Collected: 04/15/26 08:30

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 08:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 08:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 20:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 20:23	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138266	04/20/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138341	04/21/26 03:03	SMC	EET MID

Client Sample ID: BH-03

Lab Sample ID: 890-9788-9

Date Collected: 04/15/26 08:40

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 08:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 08:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 20:43	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 20:43	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-03

Lab Sample ID: 890-9788-9

Date Collected: 04/15/26 08:40

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	138266	04/20/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138341	04/21/26 03:08	SMC	EET MID

Client Sample ID: BH-03

Lab Sample ID: 890-9788-10

Date Collected: 04/15/26 08:45

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 08:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 08:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 21:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 21:03	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138266	04/20/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138341	04/21/26 03:13	SMC	EET MID

Client Sample ID: BH-03

Lab Sample ID: 890-9788-11

Date Collected: 04/15/26 08:50

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 09:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 09:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 21:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 21:23	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138266	04/20/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138341	04/21/26 03:18	SMC	EET MID

Client Sample ID: BH-04

Lab Sample ID: 890-9788-13

Date Collected: 04/15/26 09:00

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 09:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 09:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 22:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 22:04	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 01:09	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-04

Lab Sample ID: 890-9788-14

Date Collected: 04/15/26 09:05

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 11:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 11:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 22:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 22:25	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 01:40	CS	EET MID

Client Sample ID: BH-04

Lab Sample ID: 890-9788-15

Date Collected: 04/15/26 09:10

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 11:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 11:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 22:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 22:46	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 01:50	CS	EET MID

Client Sample ID: BH-05

Lab Sample ID: 890-9788-17

Date Collected: 04/15/26 09:20

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 11:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 11:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 23:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 23:06	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 02:01	CS	EET MID

Client Sample ID: BH-05

Lab Sample ID: 890-9788-18

Date Collected: 04/15/26 09:25

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 12:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 12:20	SA	EET MID

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Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-05

Lab Sample ID: 890-9788-18

Date Collected: 04/15/26 09:25

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			138789	04/23/26 23:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 23:27	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 02:11	CS	EET MID

Client Sample ID: BH-05

Lab Sample ID: 890-9788-19

Date Collected: 04/15/26 09:30

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	138595	04/22/26 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 12:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/25/26 12:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 23:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/23/26 23:47	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 02:42	CS	EET MID

Client Sample ID: BH-06

Lab Sample ID: 890-9788-21

Date Collected: 04/15/26 09:40

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 05:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 05:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/24/26 00:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 00:07	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 02:52	CS	EET MID

Client Sample ID: BH-06

Lab Sample ID: 890-9788-22

Date Collected: 04/15/26 09:45

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 06:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 06:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/24/26 00:27	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 00:27	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-06

Lab Sample ID: 890-9788-22

Date Collected: 04/15/26 09:45

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 03:03	CS	EET MID

Client Sample ID: BH-06

Lab Sample ID: 890-9788-23

Date Collected: 04/15/26 09:50

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 06:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 06:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/24/26 00:48	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 00:48	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 03:13	CS	EET MID

Client Sample ID: BH-07

Lab Sample ID: 890-9788-25

Date Collected: 04/15/26 10:00

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 06:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 06:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/24/26 01:08	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138239	04/19/26 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 01:08	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 03:23	CS	EET MID

Client Sample ID: BH-07

Lab Sample ID: 890-9788-26

Date Collected: 04/15/26 10:05

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 07:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 07:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 05:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 05:08	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 03:34	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-07

Lab Sample ID: 890-9788-27

Date Collected: 04/15/26 10:10

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 07:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 07:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 06:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 06:09	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 04:04	CS	EET MID

Client Sample ID: BH-08

Lab Sample ID: 890-9788-29

Date Collected: 04/15/26 10:25

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 07:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 07:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 06:29	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 06:29	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 04:15	CS	EET MID

Client Sample ID: BH-08

Lab Sample ID: 890-9788-30

Date Collected: 04/15/26 10:30

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 08:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 08:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 06:49	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 06:49	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 04:46	CS	EET MID

Client Sample ID: BH-08

Lab Sample ID: 890-9788-31

Date Collected: 04/15/26 10:35

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 08:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 08:24	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-08

Lab Sample ID: 890-9788-31

Date Collected: 04/15/26 10:35

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			138789	04/23/26 07:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 07:10	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 04:56	CS	EET MID

Client Sample ID: BH-09

Lab Sample ID: 890-9788-33

Date Collected: 04/15/26 10:45

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 08:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 08:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 07:30	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 07:30	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 05:06	CS	EET MID

Client Sample ID: BH-09

Lab Sample ID: 890-9788-34

Date Collected: 04/15/26 10:50

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 10:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 10:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 07:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 07:50	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138268	04/20/26 08:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138339	04/22/26 05:17	CS	EET MID

Client Sample ID: BH-09

Lab Sample ID: 890-9788-35

Date Collected: 04/15/26 10:55

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 10:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 10:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 08:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 08:11	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Client Sample ID: BH-09**Lab Sample ID: 890-9788-35****Date Collected: 04/15/26 10:55****Matrix: Solid****Date Received: 04/16/26 08:23**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 19:38	CS	EET MID

Client Sample ID: BH-17**Lab Sample ID: 890-9788-37****Date Collected: 04/15/26 13:20****Matrix: Solid****Date Received: 04/16/26 08:23**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 11:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 11:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 08:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 08:31	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 20:09	CS	EET MID

Client Sample ID: BH-17**Lab Sample ID: 890-9788-38****Date Collected: 04/15/26 13:25****Matrix: Solid****Date Received: 04/16/26 08:23**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 11:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 11:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 08:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 08:51	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 20:20	CS	EET MID

Client Sample ID: BH-17**Lab Sample ID: 890-9788-39****Date Collected: 04/15/26 13:30****Matrix: Solid****Date Received: 04/16/26 08:23**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	138597	04/22/26 12:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 11:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139115	04/26/26 11:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			138789	04/23/26 09:32	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 09:32	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 20:30	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
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Accreditation/Certification Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9788-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9788-1	BH-01	Solid	04/15/26 08:00	04/16/26 08:23	0.5
890-9788-2	BH-01	Solid	04/15/26 08:05	04/16/26 08:23	2
890-9788-3	BH-01	Solid	04/15/26 08:10	04/16/26 08:23	4
890-9788-5	BH-02	Solid	04/15/26 08:20	04/16/26 08:23	0.5
890-9788-6	BH-02	Solid	04/15/26 08:25	04/16/26 08:23	2
890-9788-7	BH-02	Solid	04/15/26 08:30	04/16/26 08:23	4
890-9788-9	BH-03	Solid	04/15/26 08:40	04/16/26 08:23	0.5
890-9788-10	BH-03	Solid	04/15/26 08:45	04/16/26 08:23	2
890-9788-11	BH-03	Solid	04/15/26 08:50	04/16/26 08:23	4
890-9788-13	BH-04	Solid	04/15/26 09:00	04/16/26 08:23	0.5
890-9788-14	BH-04	Solid	04/15/26 09:05	04/16/26 08:23	2
890-9788-15	BH-04	Solid	04/15/26 09:10	04/16/26 08:23	4
890-9788-17	BH-05	Solid	04/15/26 09:20	04/16/26 08:23	0.5
890-9788-18	BH-05	Solid	04/15/26 09:25	04/16/26 08:23	2
890-9788-19	BH-05	Solid	04/15/26 09:30	04/16/26 08:23	4
890-9788-21	BH-06	Solid	04/15/26 09:40	04/16/26 08:23	0.5
890-9788-22	BH-06	Solid	04/15/26 09:45	04/16/26 08:23	2
890-9788-23	BH-06	Solid	04/15/26 09:50	04/16/26 08:23	4
890-9788-25	BH-07	Solid	04/15/26 10:00	04/16/26 08:23	0.5
890-9788-26	BH-07	Solid	04/15/26 10:05	04/16/26 08:23	2
890-9788-27	BH-07	Solid	04/15/26 10:10	04/16/26 08:23	4
890-9788-29	BH-08	Solid	04/15/26 10:25	04/16/26 08:23	0.5
890-9788-30	BH-08	Solid	04/15/26 10:30	04/16/26 08:23	2
890-9788-31	BH-08	Solid	04/15/26 10:35	04/16/26 08:23	4
890-9788-33	BH-09	Solid	04/15/26 10:45	04/16/26 08:23	0.5
890-9788-34	BH-09	Solid	04/15/26 10:50	04/16/26 08:23	2
890-9788-35	BH-09	Solid	04/15/26 10:55	04/16/26 08:23	4
890-9788-37	BH-17	Solid	04/15/26 13:20	04/16/26 08:23	0.5
890-9788-38	BH-17	Solid	04/15/26 13:25	04/16/26 08:23	2
890-9788-39	BH-17	Solid	04/15/26 13:30	04/16/26 08:23	4

Eurofins Carlsbad

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



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890-9788 Chain of Custody

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Work Order Comments

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

Project Manager: Gilbert Moreno
 Company Name: Earth Systems R&R
 Address: 1910 Resource Ct.
 City, State ZIP: Carlsbad, NM, 88220
 Phone: 832-541-7719
 Bill to: (if different) Ryan Reich
 Company Name: Energy Transfer
 Address:
 City, State ZIP:
 Email: gmoreno@earthsys.net, sgiron@earthsys.net

Project Name: Double X Federal #4 Lact		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes											
Project Number: 9249		☒ Routine ☐ Rush		Due Date: Routine TAT		Parameters		TDS		Cation/ Anion		TCLP-Metals		TCLP-BTEX		TCLP-RCI		Sample Comments									
Project Location: Lea County, NM		Temp Blank: Yes No		Wet Ice: Yes No		Thermometer ID: 11/10/07		Correction Factor: 1.0		Temperature Reading: -11.1		Corrected Temperature: -11.1		Grab/ Comp		Depth		Time Sampled		Date Sampled		Matrix		Sample Identification			
Sampler's Name: Santiago Giron, Michael Benini		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No	
CC/ WO #: TBD		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No	
Samples Received Intact: Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No	
Cooler Custody Seals: Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No	
Sample Custody Seals: Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No	
Total Containers: 2		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No	
BH-01		S		4.15.26		8:00		0.5		Grab/		X		X		X		X		X		X		X		X	
BH-01		S		4.15.26		8:05		2		Grab/		X		X		X		X		X		X		X		X	
BH-01		S		4.15.26		8:10		4		Grab/		X		X		X		X		X		X		X		X	
BH-01		S		4.15.26		8:15		6		Grab/		X		X		X		X		X		X		X		X	
BH-02		S		4.15.26		8:20		0.5		Grab/		X		X		X		X		X		X		X		X	
BH-02		S		4.15.26		8:25		2		Grab/		X		X		X		X		X		X		X		X	
BH-02		S		4.15.26		8:30		4		Grab/		X		X		X		X		X		X		X		X	
BH-02		S		4.15.26		8:35		6		Grab/		X		X		X		X		X		X		X		X	
BH-03		S		4.15.26		8:40		0.5		Grab/		X		X		X		X		X		X		X		X	
BH-03		S		4.15.26		8:45		2		Grab/		X		X		X		X		X		X		X		X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1					
3					
5					

Revised Date: 08/25/2020 Rev. 2020.2

Chain of Custody

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 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

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Work Order No.:

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Work Order Comments

Program: ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Manager: Gilbert Moreno
 Company Name: Earth Systems R&R
 Address: 1910 Resource Ct.
 City, State ZIP: Carlsbad, NM, 88220
 Phone: 832-541-7719
 Email: gmoreno@earthsys.net, sgiron@earthsys.net

Bill to: (if different) Ryan Reich
 Company Name: Energy Transfer
 Address:
 City, State ZIP:

ANALYSIS REQUEST										Preservative Codes					
Project Name:	Project Number:	Project Location:	Turn Around	Pres. Code	Parameters	TDS	Cation/ Anion	TCLP-P-Metals	TCLP-P-BTEX	TCLP-P-RCI	Incident Number				
Project Name:	Project Number:	Project Location:	Turn Around	Pres. Code	Parameters	TDS	Cation/ Anion	TCLP-P-Metals	TCLP-P-BTEX	TCLP-P-RCI	Incident Number				
Double X Federal #4 Lact	9249	Lea County, NM	☒ Routine ☐ Rush												
Sampler's Name: Santiago Giron, Michael Benini			Due Date: Routine TAT												
CC/ WO #: TBD			TAT starts the day received by the lab, if received by 4:30pm												
SAMPLE RECEIPT Samples Received Intact: Yes ☒ No ☐ Thermometer ID: 77m007 Cooler Custody Seals: Yes ☒ No ☐ Correction Factor: -0.2 Sample Custody Seals: Yes ☒ No ☐ Temperature Reading: -11.6 Total Containers: 11.4															
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	TPH-NM	Chloride-NM	BTEX-NM	TDS	Cation/ Anion	TCLP-P-Metals	TCLP-P-BTEX	TCLP-P-RCI	Incident Number
BH-03	S	4.15.26	8:50	4	Grab/	1	X	X	X						
BH-03	S	4.15.26	8:55	6	Grab/	1	X	X	X						
BH-04	S	4.15.26	9:00	0.5	Grab/	1	X	X	X						
BH-04	S	4.15.26	9:05	2	Grab/	1	X	X	X						
BH-04	S	4.15.26	9:10	4	Grab/	1	X	X	X						
BH-04	S	4.15.26	9:15	6	Grab/	1	X	X	X						
BH-05	S	4.15.26	9:20	0.5	Grab/	1	X	X	X						
BH-05	S	4.15.26	9:25	2	Grab/	1	X	X	X						
BH-05	S	4.15.26	9:30	4	Grab/	1	X	X	X						
BH-05	S	4.15.26	9:35	6	Grab/	1	X	X	X						

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		8:27 4/16			

Revised Date: 08/25/2020 Rev. 2020.2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



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Work Order No:

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Work Order Comments

Program: ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Manager: Gilbert Moreno
 Company Name: Earth Systems R&R
 Address: 1910 Resource Ct
 City, State ZIP: Carlsbad, NM, 88220
 Phone: 832-541-7719
 Email: gmoreno@earthsys.net, sgiron@earthsys.net

Bill to: (if different) Ryan Reich
 Company Name: Energy Transfer
 Address:
 City, State ZIP:

Project Name: Double X Federal #4 Lact		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number: 9249		☒ Routine ☐ Rush		Due Date: Routine TAT		Parameters		TCLP-Metals		TCLP-BTEX		TCLP-RCI		Sample Comments			
Project Location: Lea County, NM		Temp Blank: Yes No		Wet Ice: Yes No		Thermometer ID: 7NA-607		Chloride-NM		BTEX-NM		TDS		Cation/ Anion			
Sampler's Name: Santiago Giron, Michael Benini		Yes No		Yes No		Correction Factor: -0.2		TPH-NM		Chloride-NM		BTEX-NM		TDS			
CC/IWO #: TBD		Yes No		Yes No		Temperature Reading: -11.6		Grab/ Comp		Depth		Time Sampled		Date Sampled			
Samples Received Intact: Yes No		Yes No		Yes No		Temperature Reading: -11.6		Grab/ Comp		Depth		Time Sampled		Date Sampled			
Cooler Custody Seals: Yes No		Yes No		Yes No		Temperature Reading: -11.6		Grab/ Comp		Depth		Time Sampled		Date Sampled			
Sample Custody Seals: Yes No		Yes No		Yes No		Temperature Reading: -11.6		Grab/ Comp		Depth		Time Sampled		Date Sampled			
Total Containers:		Yes No		Yes No		Temperature Reading: -11.6		Grab/ Comp		Depth		Time Sampled		Date Sampled			
BH-06	S	4.15.26	9:40	0.5	Grab/	1	X	X	X	X	X	X	X	X	24 Hr Rush		
BH-06	S	4.15.26	9:45	2	Grab/	1	X	X	X	X	X	X	X	X	Incident Number		
BH-06	S	4.15.26	9:50	4	Grab/	1	X	X	X	X	X	X	X	X	nAPP2430350715		
BH-06	S	4.15.26	9:55	6	Grab/	1	X	X	X	X	X	X	X	X			
BH-07	S	4.15.26	10:00	0.5	Grab/	1	X	X	X	X	X	X	X	X			
BH-07	S	4.15.26	10:05	2	Grab/	1	X	X	X	X	X	X	X	X			
BH-07	S	4.15.26	10:10	4	Grab/	1	X	X	X	X	X	X	X	X			
BH-07	S	4.15.26	10:15	6	Grab/	1	X	X	X	X	X	X	X	X			
BH-08	S	4.15.26	10:20	0.5	Grab/	1	X	X	X	X	X	X	X	X			
BH-08	S	4.15.26	10:25	2	Grab/	1	X	X	X	X	X	X	X	X			

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		8-27-2020			
3					
5					

Revised Date: 08/25/2020 Rev. 2020.2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



Environment Testing
Xenco

Work Order No:

www.xenco.com Page 4 of 4

Work Order Comments

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

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Report: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: ☐ EDD ☐ ADAPT ☐ Other:

Project Manager: Gilbert Moreno

Company Name: Earth Systems R&R

Address: 1910 Resource Ct

City, State ZIP: Carlsbad, NM, 88220

Phone: 832-541-7719

Bill to: (if different) Ryan Reich

Company Name: Energy Transfer

Address:

City, State ZIP:

Email: gmoreno@earthsys.net, sgron@earthsys.net

Project Name: Double X Federal #4 Lact		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number: 9249		☒ Routine ☐ Rush		Due Date: Routine TAT		Parameters										None: NO DI Water H ₂ O	
Project Location: Lea County, NM		Due Date: Routine TAT		TAT starts the day received by the lab, if received by 4:30pm		TCLP-Metals										Cool: Cool MeOH: Me	
Sampler's Name: Santiago Giron, Michael Benini		TBD		TAT starts the day received by the lab, if received by 4:30pm		TCLP-BTEX										HCL: HC HNO ₃ : HN	
CC/WO #:		Temp Blank: Yes No		Wet Ice: Yes No		TCLP-RCI										H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT		Temp Blank: Yes No		Wet Ice: Yes No		TCLP-RCI										H ₃ PO ₄ : HP	
Samples Received Intact: Yes No		Thermometer ID: 11111		Correction Factor: -111.6		TCLP-RCI										NaHSO ₄ : NABIS	
Cooler Custody Seals: Yes No		N/A		Temperature Reading: -111.6		TCLP-RCI										Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals: Yes No		N/A		Corrected Temperature: -111.6		TCLP-RCI										Zn Acetate+NaOH: Zn	
Total Containers: 11111		Corrected Temperature: -111.6		Corrected Temperature: -111.6		TCLP-RCI										NaOH+Ascorbic Acid: SAPC	
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	TPH-NM	Chloride-NM	BTEX-NM	TDS	Cation/Anion	TCLP-Metals	TCLP-BTEX	TCLP-RCI	Hold	24 Hr Rush	Sample Comments	
BH-08	S	4.15.26	10:30	4	Grab/	X	X	X	X								
BH-08	S	4.15.26	10:35	6	Grab/	X	X	X	X					X		Incident Number nAPP2430350715	
BH-09	S	4.15.26	10:40	0.5	Grab/	X	X	X	X								
BH-09	S	4.15.26	10:45	2	Grab/	X	X	X	X								
BH-09	S	4.15.26	10:50	4	Grab/	X	X	X	X								
BH-09	S	4.15.26	10:55	6	Grab/	X	X	X	X					X			
BH-17	S	4.15.26	13:20	0.5	Grab/	X	X	X	X								
BH-17	S	4.15.26	13:25	2	Grab/	X	X	X	X								
BH-17	S	4.15.26	13:30	4	Grab/	X	X	X	X								
BH-17	S	4.15.26	13:35	6	Grab/	X	X	X	X					X			

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	8:23 4/16			

Revised Date: 08/25/2020 Rev 2020.2

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	N/A	Lab PM:	Teel, Brianna	Carrier Tracking Not(s):	N/A	COC No:	890-6815-1
Client Contact:	N/A	Phone:	N/A	E-Mail:	Brianna.Teel@eurofins.com	State of Origin:	Texas	Page:	Page 1 of 5
Shipping/Receiving:	N/A	Company:	Eurofins Environment Testing South Cent	Accreditations Required (See note):	NE LAP - Texas			Job #:	890-9788-1
Address:	1211 W. Florida Ave.	Due Date Requested:	4/22/2026	Analysis Requested				Preservation Codes:	
City:	Midland	TAT Requested (days):	N/A						
State, Zip:	TX, 79701								
Phone:	432-704-5440(Tel)	PO #:	N/A						
Email:	N/A	WO #:	N/A						
Project Name:	Double X Federal #4 Lact	Project #:	88002909					Other:	N/A
Site:	N/A	SSOW#:	N/A						
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=owassail, B=Trace, A=Air)	Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)	
BH-01 (890-9788-1)		4/15/26	08:00	G	Solid				
BH-01 (890-9788-2)		4/15/26	08:05	G	Solid				
BH-01 (890-9788-3)		4/15/26	08:10	G	Solid				
BH-01 (890-9788-4)		4/15/26	08:15	G	Solid				
BH-02 (890-9788-5)		4/15/26	08:20	G	Solid				
BH-02 (890-9788-6)		4/15/26	08:25	G	Solid				
BH-02 (890-9788-7)		4/15/26	08:30	G	Solid				
BH-02 (890-9788-8)		4/15/26	08:35	G	Solid				
BH-03 (890-9788-9)		4/15/26	08:40	G	Solid				
Possible Hazard Identification									
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/assay/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other institutions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.									
Unconfirmed									
Deliverable Requested: I, II, III, IV, Other (Specify) _____ Primary Deliverable Rank: 2									
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____									
Relinquished by: _____ Date/Time: 4/16 1630 Company: _____ Received by: _____ Date/Time: 4-17-26 800 Company: _____									
Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____									
Custody Seals Intact: _____ Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____									
Δ Yes Δ No									

Eurofins Carlsbad

1089 N Canal St
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact:	N/A	Phone:	Teel, Brianna	N/A	890-68152
Shipping/Receiving:	N/A	E-Mail:	Brianna.Teel@eurofins.com	State of Origin:	Page: 2 of 5
Company:	Eurofins Environment Testing South Cent	Accreditations Required (See note):	TEXAS	Job #:	890-9788-1
Address:	1211 W. Florida Ave.	Due Date Requested:	NE LAP - Texas	Preservation Codes:	
City:	Midland	TAT Requested (days):	N/A	Analysis Requested	
State Zip:	TX, 79701	PO #:			
Phone:	432-704-5440(Tel)	WO #:			
Email:	N/A	Project #:			
Project Name:	Double X Federal #4 Lact	SSOW#:			
Site:	N/A	Matrix (Weaver, Smold, Overstool, B-Tissue, A-M)			
Sample Identification - Client ID (Lab ID)		Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)		
BH-03 (890-9788-10)	4/15/26	08:45 Central	G	Solid	X
BH-03 (890-9788-11)	4/15/26	08:50 Central	G	Solid	X
BH-03 (890-9788-12)	4/15/26	08:55 Central	G	Solid	X
BH-04 (890-9788-13)	4/15/26	09:00 Central	G	Solid	X
BH-04 (890-9788-14)	4/15/26	09:05 Central	G	Solid	X
BH-04 (890-9788-15)	4/15/26	09:10 Central	G	Solid	X
BH-04 (890-9788-16)	4/15/26	09:15 Central	G	Solid	X
BH-05 (890-9788-17)	4/15/26	09:20 Central	G	Solid	X
BH-05 (890-9788-18)	4/15/26	09:25 Central	G	Solid	X
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other institutions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.		Total Number of containers			
Special Instructions/Note:					
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
Unconfirmed		☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)		Primary Deliverable Rank: 2		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by: <i>Sum 8</i>		Date/Time: 4/16/16 30	Company:	Received by: <i>Steele</i>	Date/Time: 4-17-26 800
Relinquished by:		Date/Time:	Company:	Received by:	Date/Time:
Relinquished by:		Date/Time:	Company:	Received by:	Date/Time:
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)						Sampler: N/A		Lab PM: Teel, Brianna		COC No: 890-6815.3	
Client Contact:						Phone: N/A		E-Mail: Brianna.Teel@et.eurofins.com		Carrier Tracking No(s): N/A	
Shipping/Receiving						N/A				Page: Page 3 of 5	
Company: Eurofins Environment Testing South Cent						Due Date Requested: 4/22/2026		Accreditations Required (See note): NELAP - Texas		Job #: 890-9788-1	
Address: 1211 W. Florida Ave.						City: Midland		State: TX, 79701		Preservation Codes:	
TAT Requested (days): N/A						PO #: N/A		WO #: N/A		Project Name: Double X Federal #4 Lact	
Email: N/A						SSOW#: N/A		Matrix (W-water, S-solid, O-overstabil, BT+trans, AA+H)		Other: N/A	
Sample Identification - Client ID (Lab ID)						Sample Date		Sample Time		Sample Type (G=grab) Preservation Code:	
BH-05 (890-9788-19)						4/15/26		Central		G	
BH-05 (890-9788-20)						4/15/26		Central		G	
BH-06 (890-9788-21)						4/15/26		Central		G	
BH-06 (890-9788-22)						4/15/26		Central		G	
BH-06 (890-9788-23)						4/15/26		Central		G	
BH-06 (890-9788-24)						4/15/26		Central		G	
BH-07 (890-9788-25)						4/15/26		Central		G	
BH-07 (890-9788-26)						4/15/26		Central		G	
BH-07 (890-9788-27)						4/15/26		Central		G	
Total Number of containers						1		1		1	
Special Instructions/Note:											
Possible Hazard Identification											
Unclassified											
Deliverable Requested: I, II, III, IV, Other (specify)						Primary Deliverable Rank: 2		Special Instructions/QC Requirements:		Months	
Empty Kit Relinquished by:						Date:		Time:		Method of Shipment:	
Relinquished by:						Date/Time:		Received by:		Date/Time:	
Relinquished by:						Date/Time:		Received by:		Date/Time:	
Custody Seals Intact:						Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:			
Δ Yes Δ No											

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	Lab P.M.:	Carrier Tracking No(s):	COC No:
Client Contact:	N/A	Phone:	Teel, Brianna	N/A	890-6815-4
Shipping/Receiving:	N/A	E-Mail:	Brianna.Teel@eurofins.com	State of Origin:	Page 4 of 5
Company:	Eurofins Environment Testing South Cent	Accreditations Required (See note):	TEXAS	Job #:	890-9788-1
Address:	1211 W. Florida Ave.	Due Date Requested:	4/22/2026	Preservation Codes:	
City:	Midland	TAT Requested (days):	N/A	Analysis Requested	
State, Zip:	TX, 79701	PO #:	N/A		
Phone:	432-704-5440(Tel)	W/O #:	N/A		
Email:	N/A	Project #:	88002909		
Project Name:	Double X Federal #4 Lact	SSOV#:	N/A		
Site:	N/A	Field Filtered Sample (Yes or No)	☒		
		Perform MS/MSD (Yes or No)	☒		
		Total BTEX_GCV Copy Analytes			
		8021B/5035FP_CalcBTEX			
		300_ORGFM_28D/DI_LEACHChloride			
		8015MOD_Calc(MOD) Copy Analytes			
		8015MOD_NM/8015NM_S_Prep8015 NM			
		Total BTEX_GCV Copy Analytes (Hold)			
		8021B/5035FP_CalcBTEX (Hold)			
		300_ORGFM_28D/DI_LEACHChloride (Hold)			
		8015MOD_Calc(MOD) Copy Analytes (Hold)			
		8015MOD_NM/8015NM_S_Prep8015 NM (Hold)			
		Total Number of containers			
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=organic, B=biomass, A=air)
BH-07 (890-9788-28)		4/15/26	10:20	G	Solid
BH-08 (890-9788-29)		4/15/26	10:25	G	Solid
BH-08 (890-9788-30)		4/15/26	10:30	G	Solid
BH-08 (890-9788-31)		4/15/26	10:35	G	Solid
BH-08 (890-9788-32)		4/15/26	10:40	G	Solid
BH-09 (890-9788-33)		4/15/26	10:45	G	Solid
BH-09 (890-9788-34)		4/15/26	10:50	G	Solid
BH-09 (890-9788-35)		4/15/26	10:55	G	Solid
BH-09 (890-9788-36)		4/15/26	13:15	G	Solid
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC					
Possible Hazard Identification					
Unconfirmed					
Deliverable Requested: I, II, III, IV, Other (Specify)					
Primary Deliverable Rank: 2					
Empty Kit Relinquished by		Date:	Time:	Method of Shipment	
Relinquished by		Date/Time	Company	Received by	
Relinquished by		Date/Time	Company	Received by	
Relinquished by		Date/Time	Company	Received by	
Custody Seals Intact:		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	
Δ Yes Δ No					

V-10-10/10/2024

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

[illegible]

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9788-1

SDG Number: Lea County, NM

Login Number: 9788

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9788-1

SDG Number: Lea County, NM

Login Number: 9788

List Number: 2

Creator: Dyal, Erica

List Source: Eurofins Midland

List Creation: 04/17/26 05:43 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

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- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Gilbert Moreno
Earth Systems Response and Restoration
5114 WCR 128
Midland, Texas 79706
Generated 4/28/2026 2:03:46 PM

JOB DESCRIPTION

Double X Federal #4 Lact
Lea County, NM

JOB NUMBER

890-9791-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



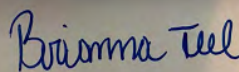
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Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Laboratory Job ID: 890-9791-1
SDG: Lea County, NM

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Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Case Narrative

Client: Earth Systems Response and Restoration
Project: Double X Federal #4 Lact

Job ID: 890-9791-1

Job ID: 890-9791-1

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Job Narrative 890-9791-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/16/2026 8:23 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -11.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BH - 10 (890-9791-1), BH - 10 (890-9791-2), BH - 10 (890-9791-3), BH - 10 (890-9791-4), BH - 11 (890-9791-5), BH - 11 (890-9791-6), BH - 11 (890-9791-7), BH - 11 (890-9791-8), BH - 12 (890-9791-9), BH - 12 (890-9791-10), BH - 12 (890-9791-11), BH - 12 (890-9791-12), BH - 13 (890-9791-13), BH - 13 (890-9791-14), BH - 13 (890-9791-15), BH - 13 (890-9791-16), BH - 14 (890-9791-17), BH - 14 (890-9791-18), BH - 14 (890-9791-19), BH - 14 (890-9791-20), BH - 15 (890-9791-21), BH - 15 (890-9791-22), BH - 15 (890-9791-23), BH - 15 (890-9791-24), BH - 16 (890-9791-25), BH - 16 (890-9791-26), BH - 16 (890-9791-27), BH - 16 (890-9791-28), BH - 18 (890-9791-29), BH - 18 (890-9791-30), BH - 18 (890-9791-31), BH - 18 (890-9791-32), BH - 19 (890-9791-33), BH - 19 (890-9791-34), BH - 19 (890-9791-35), BH - 19 (890-9791-36), BH - 20 (890-9791-37), BH - 20 (890-9791-38), BH - 20 (890-9791-39) and BH - 20 (890-9791-40).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-138579, 880-138595, 880-138597 and 880-138607 and analytical batch 880-138842 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH - 15 (890-9791-21), BH - 15 (890-9791-22), BH - 16 (890-9791-25), BH - 16 (890-9791-26), BH - 18 (890-9791-29) and BH - 18 (890-9791-30). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138607 and analytical batch 880-138842 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138578 and analytical batch 880-139012 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-139012 recovered above the upper control limit for Benzene and Ethylbenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-139012/20).

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-138579/1-A) and (LCSD 880-138579/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: The laboratory control sample duplicate (LCSD) associated with preparation batch 880-138579 and analytical batch 880-138842 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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Case Narrative

Client: Earth Systems Response and Restoration
Project: Double X Federal #4 Lact

Job ID: 890-9791-1

Job ID: 890-9791-1 (Continued)

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Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-138579 and analytical batch 880-138842 was outside control limits. Sample non-homogeneity is suspected.

Method 8021B: Surrogate recovery for the following sample was outside control limits: BH - 11 (890-9791-5). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-9791-A-1-C MS). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH - 13 (890-9791-14), BH - 14 (890-9791-17), BH - 14 (890-9791-18), (CCV 880-139056/20), (CCV 880-139056/33), (880-71207-A-11-F), (880-71207-A-11-D MS) and (880-71207-A-11-E MSD). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-139128 and analytical batch 880-139056 was outside the upper control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-138561 recovered below the control limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-138561/139).

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-138657 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-138657/110).

Method 8015B NM: Surrogate recovery for the following sample was outside the upper control limit: BH - 13 (890-9791-15). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-138242/2-A) and (LCSD 880-138242/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-138240/2-A), (LCSD 880-138240/3-A) and (MB 880-138240/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: BH - 10 (890-9791-1) and BH - 12 (890-9791-11). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: BH - 10 (890-9791-3), BH - 11 (890-9791-5), BH - 11 (890-9791-7) and BH - 12 (890-9791-10). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: BH - 10 (890-9791-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The laboratory control sample (LCS) associated with preparation batch 880-138240 and analytical batch 880-138661 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 10

Lab Sample ID: 890-9791-1

Date Collected: 04/15/26 11:00

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2	0.00200		mg/Kg		04/22/26 10:58	04/27/26 06:30	1
Toluene	<0.00200	U F2 F1	0.00200		mg/Kg		04/22/26 10:58	04/27/26 06:30	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		04/22/26 10:58	04/27/26 06:30	1
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.00399		mg/Kg		04/22/26 10:58	04/27/26 06:30	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		04/22/26 10:58	04/27/26 06:30	1
Xylenes, Total	<0.00399	U F2 F1	0.00399		mg/Kg		04/22/26 10:58	04/27/26 06:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/22/26 10:58	04/27/26 06:30	1
1,4-Difluorobenzene (Surr)	113		70 - 130	04/22/26 10:58	04/27/26 06:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.99	U	3.99		ug/L			04/27/26 06:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 09:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U **	50.1		mg/Kg		04/19/26 17:05	04/23/26 09:52	1
Diesel Range Organics (Over C10-C28)	<50.1	U **	50.1		mg/Kg		04/19/26 17:05	04/23/26 09:52	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:05	04/23/26 09:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	04/19/26 17:05	04/23/26 09:52	1
o-Terphenyl	134	S1+	70 - 130	04/19/26 17:05	04/23/26 09:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/21/26 20:40	1

Client Sample ID: BH - 10

Lab Sample ID: 890-9791-2

Date Collected: 04/15/26 11:05

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/22/26 10:58	04/27/26 06:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 10:58	04/27/26 06:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 10:58	04/27/26 06:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 10:58	04/27/26 06:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 10:58	04/27/26 06:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 10:58	04/27/26 06:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	04/22/26 10:58	04/27/26 06:51	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 10

Lab Sample ID: 890-9791-2

Date Collected: 04/15/26 11:05

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	114		70 - 130	04/22/26 10:58	04/27/26 06:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.02	U	4.02		ug/L			04/27/26 06:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 10:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *+	50.1		mg/Kg		04/19/26 17:05	04/23/26 10:13	1
Diesel Range Organics (Over C10-C28)	<50.1	U *+	50.1		mg/Kg		04/19/26 17:05	04/23/26 10:13	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:05	04/23/26 10:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				04/19/26 17:05	04/23/26 10:13	1
o-Terphenyl	127		70 - 130				04/19/26 17:05	04/23/26 10:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.0		9.92		mg/Kg			04/21/26 21:11	1

Client Sample ID: BH - 10

Lab Sample ID: 890-9791-3

Date Collected: 04/15/26 11:10

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/22/26 10:58	04/27/26 07:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 10:58	04/27/26 07:12	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 10:58	04/27/26 07:12	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 10:58	04/27/26 07:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 10:58	04/27/26 07:12	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 10:58	04/27/26 07:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	04/22/26 10:58	04/27/26 07:12	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/22/26 10:58	04/27/26 07:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.04	U	4.04		ug/L			04/27/26 07:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/23/26 10:33	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 10

Lab Sample ID: 890-9791-3

Date Collected: 04/15/26 11:10

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U **	50.2		mg/Kg		04/19/26 17:05	04/23/26 10:33	1
Diesel Range Organics (Over C10-C28)	<50.2	U **	50.2		mg/Kg		04/19/26 17:05	04/23/26 10:33	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/19/26 17:05	04/23/26 10:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	157	S1+	70 - 130				04/19/26 17:05	04/23/26 10:33	1
o-Terphenyl	159	S1+	70 - 130				04/19/26 17:05	04/23/26 10:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.1		9.96		mg/Kg			04/21/26 21:22	1

Client Sample ID: BH - 11

Lab Sample ID: 890-9791-5

Date Collected: 04/15/26 11:20

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/22/26 10:58	04/27/26 07:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 10:58	04/27/26 07:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/26 10:58	04/27/26 07:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/26 10:58	04/27/26 07:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 10:58	04/27/26 07:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/26 10:58	04/27/26 07:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	62	S1-	70 - 130				04/22/26 10:58	04/27/26 07:32	1
1,4-Difluorobenzene (Surr)	111		70 - 130				04/22/26 10:58	04/27/26 07:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.98	U	3.98		ug/L			04/27/26 07:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.2		50.1		mg/Kg			04/23/26 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	52.2	**	50.1		mg/Kg		04/19/26 17:05	04/23/26 10:53	1
Diesel Range Organics (Over C10-C28)	<50.1	U **	50.1		mg/Kg		04/19/26 17:05	04/23/26 10:53	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:05	04/23/26 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				04/19/26 17:05	04/23/26 10:53	1
o-Terphenyl	68	S1-	70 - 130				04/19/26 17:05	04/23/26 10:53	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 11

Lab Sample ID: 890-9791-5

Date Collected: 04/15/26 11:20

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			04/21/26 21:32	1

Client Sample ID: BH - 11

Lab Sample ID: 890-9791-6

Date Collected: 04/15/26 11:25

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/22/26 10:58	04/27/26 07:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/22/26 10:58	04/27/26 07:53	1
Ethylbenzene	0.00240		0.00198		mg/Kg		04/22/26 10:58	04/27/26 07:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/22/26 10:58	04/27/26 07:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/22/26 10:58	04/27/26 07:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/22/26 10:58	04/27/26 07:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				04/22/26 10:58	04/27/26 07:53	1
1,4-Difluorobenzene (Surr)	113		70 - 130				04/22/26 10:58	04/27/26 07:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.96	U	3.96		ug/L			04/27/26 07:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/23/26 11:14	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U **	50.4		mg/Kg		04/19/26 17:05	04/23/26 11:14	1
Diesel Range Organics (Over C10-C28)	<50.4	U **	50.4		mg/Kg		04/19/26 17:05	04/23/26 11:14	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/19/26 17:05	04/23/26 11:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				04/19/26 17:05	04/23/26 11:14	1
o-Terphenyl	119		70 - 130				04/19/26 17:05	04/23/26 11:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.1		9.94		mg/Kg			04/21/26 21:42	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 11

Lab Sample ID: 890-9791-7

Date Collected: 04/15/26 11:30

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 10:58	04/27/26 08:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 10:58	04/27/26 08:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 10:58	04/27/26 08:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 10:58	04/27/26 08:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 10:58	04/27/26 08:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 10:58	04/27/26 08:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	04/22/26 10:58	04/27/26 08:13	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/22/26 10:58	04/27/26 08:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.99	U	3.99		ug/L			04/27/26 08:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/23/26 11:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/19/26 17:05	04/23/26 11:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		04/19/26 17:05	04/23/26 11:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:05	04/23/26 11:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130	04/19/26 17:05	04/23/26 11:34	1
o-Terphenyl	67	S1-	70 - 130	04/19/26 17:05	04/23/26 11:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/21/26 21:53	1

Client Sample ID: BH - 12

Lab Sample ID: 890-9791-9

Date Collected: 04/15/26 11:40

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 10:58	04/27/26 08:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 10:58	04/27/26 08:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 10:58	04/27/26 08:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/22/26 10:58	04/27/26 08:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 10:58	04/27/26 08:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/22/26 10:58	04/27/26 08:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/22/26 10:58	04/27/26 08:34	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 12

Lab Sample ID: 890-9791-9

Date Collected: 04/15/26 11:40

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	04/22/26 10:58	04/27/26 08:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.01	U	4.01		ug/L			04/27/26 08:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/23/26 11:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	50.0		mg/Kg		04/19/26 17:05	04/23/26 11:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		04/19/26 17:05	04/23/26 11:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:05	04/23/26 11:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				04/19/26 17:05	04/23/26 11:55	1
o-Terphenyl	114		70 - 130				04/19/26 17:05	04/23/26 11:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/21/26 22:03	1

Client Sample ID: BH - 12

Lab Sample ID: 890-9791-10

Date Collected: 04/15/26 11:45

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/22/26 10:58	04/27/26 08:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 10:58	04/27/26 08:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/26 10:58	04/27/26 08:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/26 10:58	04/27/26 08:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 10:58	04/27/26 08:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/26 10:58	04/27/26 08:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/22/26 10:58	04/27/26 08:54	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/22/26 10:58	04/27/26 08:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.98	U	3.98		ug/L			04/27/26 08:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/23/26 12:15	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 12

Lab Sample ID: 890-9791-10

Date Collected: 04/15/26 11:45

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/19/26 17:05	04/23/26 12:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/19/26 17:05	04/23/26 12:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/19/26 17:05	04/23/26 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	46	S1-	70 - 130				04/19/26 17:05	04/23/26 12:15	1
o-Terphenyl	40	S1-	70 - 130				04/19/26 17:05	04/23/26 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.8		9.92		mg/Kg			04/21/26 22:34	1

Client Sample ID: BH - 12

Lab Sample ID: 890-9791-11

Date Collected: 04/15/26 11:50

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/22/26 10:58	04/27/26 09:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 10:58	04/27/26 09:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 10:58	04/27/26 09:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 10:58	04/27/26 09:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 10:58	04/27/26 09:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 10:58	04/27/26 09:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				04/22/26 10:58	04/27/26 09:15	1
1,4-Difluorobenzene (Surr)	112		70 - 130				04/22/26 10:58	04/27/26 09:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.04	U	4.04		ug/L			04/27/26 09:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/23/26 12:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/19/26 17:05	04/23/26 12:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/19/26 17:05	04/23/26 12:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:05	04/23/26 12:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				04/19/26 17:05	04/23/26 12:36	1
o-Terphenyl	54	S1-	70 - 130				04/19/26 17:05	04/23/26 12:36	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 12

Lab Sample ID: 890-9791-11

Date Collected: 04/15/26 11:50

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			04/21/26 22:44	1

Client Sample ID: BH - 13

Lab Sample ID: 890-9791-13

Date Collected: 04/15/26 12:00

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/22/26 10:58	04/27/26 09:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 10:58	04/27/26 09:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/26 10:58	04/27/26 09:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/26 10:58	04/27/26 09:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 10:58	04/27/26 09:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/26 10:58	04/27/26 09:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				04/22/26 10:58	04/27/26 09:35	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/22/26 10:58	04/27/26 09:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.98	U	3.98		ug/L			04/27/26 09:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 05:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 05:08	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 05:08	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 05:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				04/19/26 17:12	04/23/26 05:08	1
o-Terphenyl	109		70 - 130				04/19/26 17:12	04/23/26 05:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/21/26 23:15	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 13

Lab Sample ID: 890-9791-14

Date Collected: 04/15/26 12:05

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/27/26 15:23	04/27/26 23:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/27/26 15:23	04/27/26 23:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/27/26 15:23	04/27/26 23:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/27/26 15:23	04/27/26 23:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/27/26 15:23	04/27/26 23:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/27/26 15:23	04/27/26 23:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	04/27/26 15:23	04/27/26 23:27	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/27/26 15:23	04/27/26 23:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.02	U	4.02		ug/L			04/27/26 23:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 06:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 06:09	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 06:09	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 06:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	04/19/26 17:12	04/23/26 06:09	1
o-Terphenyl	112		70 - 130	04/19/26 17:12	04/23/26 06:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.4		9.98		mg/Kg			04/21/26 23:26	1

Client Sample ID: BH - 13

Lab Sample ID: 890-9791-15

Date Collected: 04/15/26 12:10

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/27/26 15:23	04/27/26 23:48	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/27/26 15:23	04/27/26 23:48	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/27/26 15:23	04/27/26 23:48	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/27/26 15:23	04/27/26 23:48	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/27/26 15:23	04/27/26 23:48	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/27/26 15:23	04/27/26 23:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	04/27/26 15:23	04/27/26 23:48	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 13

Lab Sample ID: 890-9791-15

Date Collected: 04/15/26 12:10

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	79		70 - 130	04/27/26 15:23	04/27/26 23:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.04	U	4.04		ug/L			04/27/26 23:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/23/26 06:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/19/26 17:12	04/23/26 06:29	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/19/26 17:12	04/23/26 06:29	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/19/26 17:12	04/23/26 06:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				04/19/26 17:12	04/23/26 06:29	1
o-Terphenyl	150	S1+	70 - 130				04/19/26 17:12	04/23/26 06:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.3		9.94		mg/Kg			04/21/26 23:36	1

Client Sample ID: BH - 14

Lab Sample ID: 890-9791-17

Date Collected: 04/15/26 12:20

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/27/26 15:23	04/28/26 00:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/27/26 15:23	04/28/26 00:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/27/26 15:23	04/28/26 00:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/27/26 15:23	04/28/26 00:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/27/26 15:23	04/28/26 00:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/27/26 15:23	04/28/26 00:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	04/27/26 15:23	04/28/26 00:08	1
1,4-Difluorobenzene (Surr)	81		70 - 130	04/27/26 15:23	04/28/26 00:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.98	U	3.98		ug/L			04/28/26 00:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 06:49	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 14

Lab Sample ID: 890-9791-17

Date Collected: 04/15/26 12:20

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 06:49	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 06:49	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 06:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				04/19/26 17:12	04/23/26 06:49	1
o-Terphenyl	109		70 - 130				04/19/26 17:12	04/23/26 06:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.0		10.0		mg/Kg			04/21/26 23:46	1

Client Sample ID: BH - 14

Lab Sample ID: 890-9791-18

Date Collected: 04/15/26 12:25

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/27/26 15:23	04/28/26 00:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/27/26 15:23	04/28/26 00:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/27/26 15:23	04/28/26 00:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/27/26 15:23	04/28/26 00:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/27/26 15:23	04/28/26 00:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/27/26 15:23	04/28/26 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130				04/27/26 15:23	04/28/26 00:29	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/27/26 15:23	04/28/26 00:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.96	U	3.96		ug/L			04/28/26 00:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 07:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 07:10	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 07:10	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 07:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				04/19/26 17:12	04/23/26 07:10	1
o-Terphenyl	111		70 - 130				04/19/26 17:12	04/23/26 07:10	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 14

Lab Sample ID: 890-9791-18

Date Collected: 04/15/26 12:25

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.9		10.0		mg/Kg			04/21/26 07:13	1

Client Sample ID: BH - 14

Lab Sample ID: 890-9791-19

Date Collected: 04/15/26 12:30

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/28/26 00:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/28/26 00:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/28/26 00:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/27/26 15:23	04/28/26 00:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/28/26 00:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/27/26 15:23	04/28/26 00:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				04/27/26 15:23	04/28/26 00:49	1
1,4-Difluorobenzene (Surr)	81		70 - 130				04/27/26 15:23	04/28/26 00:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.99	U	3.99		ug/L			04/28/26 00:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/23/26 07:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/19/26 17:12	04/23/26 07:30	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/19/26 17:12	04/23/26 07:30	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/19/26 17:12	04/23/26 07:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				04/19/26 17:12	04/23/26 07:30	1
o-Terphenyl	105		70 - 130				04/19/26 17:12	04/23/26 07:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.6		10.1		mg/Kg			04/21/26 07:29	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 15

Lab Sample ID: 890-9791-21

Date Collected: 04/15/26 12:40

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198		mg/Kg		04/22/26 11:06	04/26/26 18:14	1
Toluene	<0.00198	U F2 *- *1	0.00198		mg/Kg		04/22/26 11:06	04/26/26 18:14	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		04/22/26 11:06	04/26/26 18:14	1
m-Xylene & p-Xylene	<0.00397	U *1	0.00397		mg/Kg		04/22/26 11:06	04/26/26 18:14	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/22/26 11:06	04/26/26 18:14	1
Xylenes, Total	<0.00397	U *1	0.00397		mg/Kg		04/22/26 11:06	04/26/26 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	04/22/26 11:06	04/26/26 18:14	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/22/26 11:06	04/26/26 18:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.97	U	3.97		ug/L			04/26/26 18:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 07:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 07:50	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 07:50	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 07:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	04/19/26 17:12	04/23/26 07:50	1
o-Terphenyl	103		70 - 130	04/19/26 17:12	04/23/26 07:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/21/26 09:17	1

Client Sample ID: BH - 15

Lab Sample ID: 890-9791-22

Date Collected: 04/15/26 12:45

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *- *1	0.00201		mg/Kg		04/22/26 11:06	04/26/26 18:35	1
Toluene	<0.00201	U *- *1	0.00201		mg/Kg		04/22/26 11:06	04/26/26 18:35	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		04/22/26 11:06	04/26/26 18:35	1
m-Xylene & p-Xylene	<0.00402	U *1	0.00402		mg/Kg		04/22/26 11:06	04/26/26 18:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:06	04/26/26 18:35	1
Xylenes, Total	<0.00402	U *1	0.00402		mg/Kg		04/22/26 11:06	04/26/26 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	04/22/26 11:06	04/26/26 18:35	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 15

Lab Sample ID: 890-9791-22

Date Collected: 04/15/26 12:45

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	92		70 - 130	04/22/26 11:06	04/26/26 18:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.02	U	4.02		ug/L			04/26/26 18:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/23/26 08:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 08:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 08:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 08:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				04/19/26 17:12	04/23/26 08:11	1
o-Terphenyl	107		70 - 130				04/19/26 17:12	04/23/26 08:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/21/26 09:23	1

Client Sample ID: BH - 15

Lab Sample ID: 890-9791-23

Date Collected: 04/15/26 12:50

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U * - *1	0.00202		mg/Kg		04/22/26 11:06	04/26/26 18:55	1
Toluene	<0.00202	U * - *1	0.00202		mg/Kg		04/22/26 11:06	04/26/26 18:55	1
Ethylbenzene	<0.00202	U * - *1	0.00202		mg/Kg		04/22/26 11:06	04/26/26 18:55	1
m-Xylene & p-Xylene	<0.00404	U *1	0.00404		mg/Kg		04/22/26 11:06	04/26/26 18:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 11:06	04/26/26 18:55	1
Xylenes, Total	<0.00404	U *1	0.00404		mg/Kg		04/22/26 11:06	04/26/26 18:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	04/22/26 11:06	04/26/26 18:55	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/22/26 11:06	04/26/26 18:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.04	U	4.04		ug/L			04/26/26 18:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/23/26 08:31	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 15

Lab Sample ID: 890-9791-23

Date Collected: 04/15/26 12:50

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 08:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 08:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 08:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				04/19/26 17:12	04/23/26 08:31	1
o-Terphenyl	113		70 - 130				04/19/26 17:12	04/23/26 08:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			04/21/26 09:28	1

Client Sample ID: BH - 16

Lab Sample ID: 890-9791-25

Date Collected: 04/15/26 13:00

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		04/22/26 11:06	04/26/26 19:16	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		04/22/26 11:06	04/26/26 19:16	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		04/22/26 11:06	04/26/26 19:16	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398		mg/Kg		04/22/26 11:06	04/26/26 19:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 11:06	04/26/26 19:16	1
Xylenes, Total	<0.00398	U *1	0.00398		mg/Kg		04/22/26 11:06	04/26/26 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	285	S1+	70 - 130				04/22/26 11:06	04/26/26 19:16	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/22/26 11:06	04/26/26 19:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.98	U	3.98		ug/L			04/26/26 19:16	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/23/26 08:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:12	04/23/26 08:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:12	04/23/26 08:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:12	04/23/26 08:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				04/19/26 17:12	04/23/26 08:51	1
o-Terphenyl	107		70 - 130				04/19/26 17:12	04/23/26 08:51	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 16

Lab Sample ID: 890-9791-25

Date Collected: 04/15/26 13:00

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.3		9.98		mg/Kg			04/21/26 07:48	1

Client Sample ID: BH - 16

Lab Sample ID: 890-9791-26

Date Collected: 04/15/26 13:05

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198		mg/Kg		04/22/26 11:06	04/26/26 19:36	1
Toluene	<0.00198	U *- *1	0.00198		mg/Kg		04/22/26 11:06	04/26/26 19:36	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		04/22/26 11:06	04/26/26 19:36	1
m-Xylene & p-Xylene	<0.00396	U *1	0.00396		mg/Kg		04/22/26 11:06	04/26/26 19:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/22/26 11:06	04/26/26 19:36	1
Xylenes, Total	<0.00396	U *1	0.00396		mg/Kg		04/22/26 11:06	04/26/26 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				04/22/26 11:06	04/26/26 19:36	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/22/26 11:06	04/26/26 19:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.96	U	3.96		ug/L			04/26/26 19:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/23/26 09:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 09:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 09:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 09:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				04/19/26 17:12	04/23/26 09:32	1
o-Terphenyl	109		70 - 130				04/19/26 17:12	04/23/26 09:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/21/26 07:53	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 16

Lab Sample ID: 890-9791-27

Date Collected: 04/15/26 13:10

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		04/22/26 11:06	04/26/26 19:57	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		04/22/26 11:06	04/26/26 19:57	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		04/22/26 11:06	04/26/26 19:57	1
m-Xylene & p-Xylene	<0.00399	U *1	0.00399		mg/Kg		04/22/26 11:06	04/26/26 19:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:06	04/26/26 19:57	1
Xylenes, Total	<0.00399	U *1	0.00399		mg/Kg		04/22/26 11:06	04/26/26 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	04/22/26 11:06	04/26/26 19:57	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/22/26 11:06	04/26/26 19:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.99	U	3.99		ug/L			04/26/26 19:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/23/26 09:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 09:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 09:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 09:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	04/19/26 17:12	04/23/26 09:52	1
o-Terphenyl	108		70 - 130	04/19/26 17:12	04/23/26 09:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/21/26 07:59	1

Client Sample ID: BH - 18

Lab Sample ID: 890-9791-29

Date Collected: 04/15/26 13:40

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *- *1	0.00201		mg/Kg		04/22/26 11:06	04/26/26 20:17	1
Toluene	<0.00201	U *- *1	0.00201		mg/Kg		04/22/26 11:06	04/26/26 20:17	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		04/22/26 11:06	04/26/26 20:17	1
m-Xylene & p-Xylene	<0.00402	U *1	0.00402		mg/Kg		04/22/26 11:06	04/26/26 20:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 11:06	04/26/26 20:17	1
Xylenes, Total	<0.00402	U *1	0.00402		mg/Kg		04/22/26 11:06	04/26/26 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	246	S1+	70 - 130	04/22/26 11:06	04/26/26 20:17	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 18

Lab Sample ID: 890-9791-29

Date Collected: 04/15/26 13:40

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	97		70 - 130	04/22/26 11:06	04/26/26 20:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.02	U	4.02		ug/L			04/26/26 20:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 10:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 10:13	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 10:13	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 10:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				04/19/26 17:12	04/23/26 10:13	1
o-Terphenyl	114		70 - 130				04/19/26 17:12	04/23/26 10:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			04/21/26 08:04	1

Client Sample ID: BH - 18

Lab Sample ID: 890-9791-30

Date Collected: 04/15/26 13:45

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *- *1	0.00202		mg/Kg		04/22/26 11:06	04/26/26 20:38	1
Toluene	<0.00202	U *- *1	0.00202		mg/Kg		04/22/26 11:06	04/26/26 20:38	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		04/22/26 11:06	04/26/26 20:38	1
m-Xylene & p-Xylene	<0.00404	U *1	0.00404		mg/Kg		04/22/26 11:06	04/26/26 20:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 11:06	04/26/26 20:38	1
Xylenes, Total	<0.00404	U *1	0.00404		mg/Kg		04/22/26 11:06	04/26/26 20:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130	04/22/26 11:06	04/26/26 20:38	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/22/26 11:06	04/26/26 20:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.04	U	4.04		ug/L			04/26/26 20:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 10:33	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 18

Lab Sample ID: 890-9791-30

Date Collected: 04/15/26 13:45

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 10:33	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 10:33	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 10:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				04/19/26 17:12	04/23/26 10:33	1
o-Terphenyl	116		70 - 130				04/19/26 17:12	04/23/26 10:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/21/26 08:09	1

Client Sample ID: BH - 18

Lab Sample ID: 890-9791-31

Date Collected: 04/15/26 13:50

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 18:03	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		04/22/26 13:01	04/25/26 18:03	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		04/22/26 13:01	04/25/26 18:03	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		04/22/26 13:01	04/25/26 18:03	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		04/22/26 13:01	04/25/26 18:03	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		04/22/26 13:01	04/25/26 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				04/22/26 13:01	04/25/26 18:03	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/22/26 13:01	04/25/26 18:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.99	U	3.99		ug/L			04/25/26 18:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 10:53	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 10:53	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:12	04/23/26 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				04/19/26 17:12	04/23/26 10:53	1
o-Terphenyl	107		70 - 130				04/19/26 17:12	04/23/26 10:53	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 18

Lab Sample ID: 890-9791-31

Date Collected: 04/15/26 13:50

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			04/21/26 08:14	1

Client Sample ID: BH - 19

Lab Sample ID: 890-9791-33

Date Collected: 04/15/26 14:00

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:01	04/25/26 18:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:01	04/25/26 18:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:01	04/25/26 18:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 13:01	04/25/26 18:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:01	04/25/26 18:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 13:01	04/25/26 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				04/22/26 13:01	04/25/26 18:23	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/22/26 13:01	04/25/26 18:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.02	U	4.02		ug/L			04/25/26 18:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/23/26 11:14	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:12	04/23/26 11:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:12	04/23/26 11:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:12	04/23/26 11:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				04/19/26 17:12	04/23/26 11:14	1
o-Terphenyl	108		70 - 130				04/19/26 17:12	04/23/26 11:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/21/26 08:30	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 19

Lab Sample ID: 890-9791-34

Date Collected: 04/15/26 14:05

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:01	04/25/26 18:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:01	04/25/26 18:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:01	04/25/26 18:44	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 13:01	04/25/26 18:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:01	04/25/26 18:44	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 13:01	04/25/26 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/22/26 13:01	04/25/26 18:44	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/22/26 13:01	04/25/26 18:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.04	U	4.04		ug/L			04/25/26 18:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/23/26 11:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/19/26 17:12	04/23/26 11:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/19/26 17:12	04/23/26 11:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:12	04/23/26 11:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	04/19/26 17:12	04/23/26 11:34	1
o-Terphenyl	107		70 - 130	04/19/26 17:12	04/23/26 11:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/21/26 08:35	1

Client Sample ID: BH - 19

Lab Sample ID: 890-9791-35

Date Collected: 04/15/26 14:10

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:01	04/25/26 19:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:01	04/25/26 19:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:01	04/25/26 19:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/26 13:01	04/25/26 19:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:01	04/25/26 19:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/26 13:01	04/25/26 19:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/22/26 13:01	04/25/26 19:04	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 19

Lab Sample ID: 890-9791-35

Date Collected: 04/15/26 14:10

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	04/22/26 13:01	04/25/26 19:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.98	U	3.98		ug/L			04/25/26 19:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/23/26 11:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:12	04/23/26 11:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:12	04/23/26 11:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:12	04/23/26 11:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				04/19/26 17:12	04/23/26 11:55	1
o-Terphenyl	122		70 - 130				04/19/26 17:12	04/23/26 11:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/21/26 08:56	1

Client Sample ID: BH - 20

Lab Sample ID: 890-9791-37

Date Collected: 04/15/26 14:20

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 19:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 19:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 19:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 13:01	04/25/26 19:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 19:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 13:01	04/25/26 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/22/26 13:01	04/25/26 19:25	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/22/26 13:01	04/25/26 19:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<3.99	U	3.99		ug/L			04/25/26 19:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/23/26 12:15	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 20

Lab Sample ID: 890-9791-37

Date Collected: 04/15/26 14:20

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 0.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 12:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 12:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/19/26 17:12	04/23/26 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				04/19/26 17:12	04/23/26 12:15	1
o-Terphenyl	110		70 - 130				04/19/26 17:12	04/23/26 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/21/26 09:02	1

Client Sample ID: BH - 20

Lab Sample ID: 890-9791-38

Date Collected: 04/15/26 14:25

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:01	04/25/26 19:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:01	04/25/26 19:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:01	04/25/26 19:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 13:01	04/25/26 19:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:01	04/25/26 19:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 13:01	04/25/26 19:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				04/22/26 13:01	04/25/26 19:45	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/22/26 13:01	04/25/26 19:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.02	U	4.02		ug/L			04/25/26 19:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/23/26 12:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:12	04/23/26 12:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:12	04/23/26 12:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:12	04/23/26 12:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				04/19/26 17:12	04/23/26 12:36	1
o-Terphenyl	119		70 - 130				04/19/26 17:12	04/23/26 12:36	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 20

Lab Sample ID: 890-9791-38

Date Collected: 04/15/26 14:25

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 2

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			04/21/26 09:07	1

Client Sample ID: BH - 20

Lab Sample ID: 890-9791-39

Date Collected: 04/15/26 14:30

Matrix: Solid

Date Received: 04/16/26 08:23

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:01	04/25/26 20:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:01	04/25/26 20:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:01	04/25/26 20:06	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 13:01	04/25/26 20:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:01	04/25/26 20:06	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 13:01	04/25/26 20:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				04/22/26 13:01	04/25/26 20:06	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/22/26 13:01	04/25/26 20:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<4.04	U	4.04		ug/L			04/25/26 20:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/22/26 18:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/19/26 17:14	04/22/26 18:05	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:14	04/22/26 18:05	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:14	04/22/26 18:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				04/19/26 17:14	04/22/26 18:05	1
o-Terphenyl	86		70 - 130				04/19/26 17:14	04/22/26 18:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.9		10.0		mg/Kg			04/21/26 09:12	1

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Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-9791-1	BH - 10	97	113
890-9791-1 MS	BH - 10	60 S1-	109
890-9791-1 MSD	BH - 10	89	115
890-9791-2	BH - 10	92	114
890-9791-3	BH - 10	90	102
890-9791-5	BH - 11	62 S1-	111
890-9791-6	BH - 11	89	113
890-9791-7	BH - 11	83	93
890-9791-9	BH - 12	95	100
890-9791-10	BH - 12	93	97
890-9791-11	BH - 12	93	112
890-9791-13	BH - 13	87	96
890-9791-14	BH - 13	153 S1+	105
890-9791-15	BH - 13	107	79
890-9791-17	BH - 14	136 S1+	81
890-9791-18	BH - 14	135 S1+	93
890-9791-19	BH - 14	108	81
890-9791-21	BH - 15	142 S1+	88
890-9791-21 MS	BH - 15	115	109
890-9791-21 MSD	BH - 15	92	95
890-9791-22	BH - 15	142 S1+	92
890-9791-23	BH - 15	116	88
890-9791-25	BH - 16	285 S1+	97
890-9791-26	BH - 16	131 S1+	96
890-9791-27	BH - 16	123	95
890-9791-29	BH - 18	246 S1+	97
890-9791-30	BH - 18	156 S1+	94
890-9791-31	BH - 18	91	90
890-9791-31 MS	BH - 18	96	109
890-9791-31 MSD	BH - 18	101	103
890-9791-33	BH - 19	98	91
890-9791-34	BH - 19	108	98
890-9791-35	BH - 19	111	94
890-9791-37	BH - 20	114	99
890-9791-38	BH - 20	116	99
890-9791-39	BH - 20	114	96
LCS 880-138578/1-A	Lab Control Sample	83	115
LCS 880-138579/1-A	Lab Control Sample	114	135 S1+
LCS 880-138607/1-A	Lab Control Sample	85	107
LCS 880-139128/1-A	Lab Control Sample	117	82
LCSD 880-138578/2-A	Lab Control Sample Dup	89	116
LCSD 880-138579/2-A	Lab Control Sample Dup	149 S1+	101
LCSD 880-138607/2-A	Lab Control Sample Dup	87	115
LCSD 880-139128/2-A	Lab Control Sample Dup	124	81
MB 880-138578/5-A	Method Blank	94	110
MB 880-138579/5-A	Method Blank	213 S1+	115
MB 880-138595/5-A	Method Blank	219 S1+	123
MB 880-138597/5-A	Method Blank	247 S1+	117
MB 880-138607/5-A	Method Blank	250 S1+	120

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Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
MB 880-139016/5-A	Method Blank	95	117
MB 880-139128/5-A	Method Blank	138 S1+	87
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9791-1	BH - 10	121	134 S1+
890-9791-2	BH - 10	132 S1+	127
890-9791-3	BH - 10	157 S1+	159 S1+
890-9791-5	BH - 11	67 S1-	68 S1-
890-9791-6	BH - 11	117	119
890-9791-7	BH - 11	65 S1-	67 S1-
890-9791-9	BH - 12	121	114
890-9791-10	BH - 12	46 S1-	40 S1-
890-9791-11	BH - 12	72	54 S1-
890-9791-13	BH - 13	95	109
890-9791-13 MS	BH - 13	100	97
890-9791-13 MSD	BH - 13	100	98
890-9791-14	BH - 13	92	112
890-9791-15	BH - 13	137 S1+	150 S1+
890-9791-17	BH - 14	87	109
890-9791-18	BH - 14	91	111
890-9791-19	BH - 14	91	105
890-9791-21	BH - 15	89	103
890-9791-22	BH - 15	94	107
890-9791-23	BH - 15	103	113
890-9791-25	BH - 16	97	107
890-9791-26	BH - 16	101	109
890-9791-27	BH - 16	98	108
890-9791-29	BH - 18	105	114
890-9791-30	BH - 18	103	116
890-9791-31	BH - 18	102	107
890-9791-33	BH - 19	102	108
890-9791-34	BH - 19	96	107
890-9791-35	BH - 19	116	122
890-9791-37	BH - 20	109	110
890-9791-38	BH - 20	114	119
890-9791-39	BH - 20	86	86
890-9791-39 MS	BH - 20	80	84
890-9791-39 MSD	BH - 20	79	84
LCS 880-138240/2-A	Lab Control Sample	213 S1+	227 S1+
LCS 880-138242/2-A	Lab Control Sample	137 S1+	127
LCS 880-138243/2-A	Lab Control Sample	73	78
LCSD 880-138240/3-A	Lab Control Sample Dup	213 S1+	227 S1+

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Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCSD 880-138242/3-A	Lab Control Sample Dup	154 S1+	140 S1+
LCSD 880-138243/3-A	Lab Control Sample Dup	70	75
MB 880-138240/1-A	Method Blank	172 S1+	188 S1+
MB 880-138242/1-A	Method Blank	119	122
MB 880-138243/1-A	Method Blank	83	83
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138578/5-A

Matrix: Solid

Analysis Batch: 139012

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138578

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 10:58	04/27/26 06:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 10:58	04/27/26 06:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 10:58	04/27/26 06:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 10:58	04/27/26 06:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 10:58	04/27/26 06:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 10:58	04/27/26 06:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/22/26 10:58	04/27/26 06:09	1
1,4-Difluorobenzene (Surr)	110		70 - 130	04/22/26 10:58	04/27/26 06:09	1

Lab Sample ID: LCS 880-138578/1-A

Matrix: Solid

Analysis Batch: 139012

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138578

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1259		mg/Kg		126	70 - 130
Toluene	0.100	0.08873		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.08070		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	0.200	0.1658		mg/Kg		83	70 - 130
o-Xylene	0.100	0.08518		mg/Kg		85	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: LCSD 880-138578/2-A

Matrix: Solid

Analysis Batch: 139012

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138578

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1268		mg/Kg		127	70 - 130	1	35
Toluene	0.100	0.09122		mg/Kg		91	70 - 130	3	35
Ethylbenzene	0.100	0.08517		mg/Kg		85	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1775		mg/Kg		89	70 - 130	7	35
o-Xylene	0.100	0.09156		mg/Kg		92	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 890-9791-1 MS

Matrix: Solid

Analysis Batch: 139012

Client Sample ID: BH - 10

Prep Type: Total/NA

Prep Batch: 138578

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F2	0.100	0.07293		mg/Kg		73	70 - 130
Toluene	<0.00200	U F2 F1	0.100	0.03801	F1	mg/Kg		38	70 - 130

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-9791-1 MS

Matrix: Solid

Analysis Batch: 139012

Client Sample ID: BH - 10

Prep Type: Total/NA

Prep Batch: 138578

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F2 F1	0.100	0.03137	F1	mg/Kg		31	70 - 130
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.05655	F1	mg/Kg		28	70 - 130
o-Xylene	<0.00200	U F2 F1	0.100	0.03404	F1	mg/Kg		34	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	60	S1-	70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-9791-1 MSD

Matrix: Solid

Analysis Batch: 139012

Client Sample ID: BH - 10

Prep Type: Total/NA

Prep Batch: 138578

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F2	0.100	0.1200	F2	mg/Kg		120	70 - 130	49	35
Toluene	<0.00200	U F2 F1	0.100	0.07634	F2	mg/Kg		76	70 - 130	67	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.06833	F2 F1	mg/Kg		68	70 - 130	74	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.1442	F2	mg/Kg		72	70 - 130	87	35
o-Xylene	<0.00200	U F2 F1	0.100	0.07963	F2	mg/Kg		80	70 - 130	80	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: MB 880-138579/5-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138579

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:06	04/26/26 17:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:06	04/26/26 17:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:06	04/26/26 17:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 11:06	04/26/26 17:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:06	04/26/26 17:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 11:06	04/26/26 17:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	213	S1+	70 - 130	04/22/26 11:06	04/26/26 17:45	1
1,4-Difluorobenzene (Surr)	115		70 - 130	04/22/26 11:06	04/26/26 17:45	1

Lab Sample ID: LCS 880-138579/1-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138579

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1223		mg/Kg		122	70 - 130
Toluene	0.100	0.09159		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.1070		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2251		mg/Kg		113	70 - 130

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-138579/1-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138579

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1108		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	135	S1+	70 - 130

Lab Sample ID: LCSD 880-138579/2-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138579

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.05077	*- *1	mg/Kg		51	70 - 130	83	35
Toluene	0.100	0.04109	*- *1	mg/Kg		41	70 - 130	76	35
Ethylbenzene	0.100	0.05505	*- *1	mg/Kg		55	70 - 130	64	35
m-Xylene & p-Xylene	0.200	0.1435	*1	mg/Kg		72	70 - 130	44	35
o-Xylene	0.100	0.08434		mg/Kg		84	70 - 130	27	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-9791-21 MS

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: BH - 15

Prep Type: Total/NA

Prep Batch: 138579

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U *- *1	0.100	0.1043		mg/Kg		104	70 - 130
Toluene	<0.00198	U F2 *- *1	0.100	0.07924		mg/Kg		79	70 - 130
Ethylbenzene	<0.00198	U *- *1	0.100	0.08909		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	<0.00397	U *1	0.200	0.1808		mg/Kg		90	70 - 130
o-Xylene	<0.00198	U	0.100	0.09525		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-9791-21 MSD

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: BH - 15

Prep Type: Total/NA

Prep Batch: 138579

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U *- *1	0.100	0.1139		mg/Kg		114	70 - 130	9	35
Toluene	<0.00198	U F2 *- *1	0.100	0.1142	F2	mg/Kg		114	70 - 130	36	35
Ethylbenzene	<0.00198	U *- *1	0.100	0.1234		mg/Kg		123	70 - 130	32	35
m-Xylene & p-Xylene	<0.00397	U *1	0.200	0.2309		mg/Kg		115	70 - 130	24	35
o-Xylene	<0.00198	U	0.100	0.1045		mg/Kg		105	70 - 130	9	35

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-9791-21 MSD

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: BH - 15

Prep Type: Total/NA

Prep Batch: 138579

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-138595/5-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138595

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 05:55	1	
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 05:55	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 05:55	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 11:50	04/25/26 05:55	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 05:55	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 11:50	04/25/26 05:55	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	219	S1+	70 - 130				04/22/26 11:50	04/25/26 05:55	1	
1,4-Difluorobenzene (Surr)	123		70 - 130				04/22/26 11:50	04/25/26 05:55	1	

Lab Sample ID: MB 880-138597/5-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138597

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 05:12	1	
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 05:12	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 05:12	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 12:21	04/26/26 05:12	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 12:21	04/26/26 05:12	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 12:21	04/26/26 05:12	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	247	S1+	70 - 130				04/22/26 12:21	04/26/26 05:12	1	
1,4-Difluorobenzene (Surr)	117		70 - 130				04/22/26 12:21	04/26/26 05:12	1	

Lab Sample ID: MB 880-138607/5-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138607

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 17:34	1	
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 17:34	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 17:34	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 13:01	04/25/26 17:34	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 17:34	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 13:01	04/25/26 17:34	1	

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-138607/5-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138607

	MB	MB			
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed
4-Bromofluorobenzene (Surr)	250	S1+	70 - 130	04/22/26 13:01	04/25/26 17:34
1,4-Difluorobenzene (Surr)	120		70 - 130	04/22/26 13:01	04/25/26 17:34

Lab Sample ID: LCS 880-138607/1-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138607

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.100	0.1092		mg/Kg		109	70 - 130		
Toluene	0.100	0.08493		mg/Kg		85	70 - 130		
Ethylbenzene	0.100	0.09333		mg/Kg		93	70 - 130		
m-Xylene & p-Xylene	0.200	0.1679		mg/Kg		84	70 - 130		
o-Xylene	0.100	0.07984		mg/Kg		80	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-138607/2-A

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138607

	Spike	LCSD	LCSD					%Rec	RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09445		mg/Kg		94	70 - 130	14	35	
Toluene	0.100	0.07651		mg/Kg		77	70 - 130	10	35	
Ethylbenzene	0.100	0.08899		mg/Kg		89	70 - 130	5	35	
m-Xylene & p-Xylene	0.200	0.1621		mg/Kg		81	70 - 130	4	35	
o-Xylene	0.100	0.07831		mg/Kg		78	70 - 130	2	35	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 890-9791-31 MS

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: BH - 18

Prep Type: Total/NA

Prep Batch: 138607

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.100	0.07660		mg/Kg		77	70 - 130
Toluene	<0.00200	U F1	0.100	0.05943	F1	mg/Kg		59	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.05906	F1	mg/Kg		59	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1263	F1	mg/Kg		63	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06416	F1	mg/Kg		64	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-9791-31 MSD

Matrix: Solid

Analysis Batch: 138842

Client Sample ID: BH - 18

Prep Type: Total/NA

Prep Batch: 138607

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07887		mg/Kg		79	70 - 130	3	35
Toluene	<0.00200	U F1	0.100	0.06583	F1	mg/Kg		66	70 - 130	10	35
Ethylbenzene	<0.00200	U F1	0.100	0.06846	F1	mg/Kg		68	70 - 130	15	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1416		mg/Kg		71	70 - 130	11	35
o-Xylene	<0.00200	U F1	0.100	0.07067		mg/Kg		71	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-139016/5-A

Matrix: Solid

Analysis Batch: 139012

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139016

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/26/26 17:01	04/26/26 19:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/26/26 17:01	04/26/26 19:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/26/26 17:01	04/26/26 19:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/26/26 17:01	04/26/26 19:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/26/26 17:01	04/26/26 19:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/26/26 17:01	04/26/26 19:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/26/26 17:01	04/26/26 19:11	1
1,4-Difluorobenzene (Surr)	117		70 - 130	04/26/26 17:01	04/26/26 19:11	1

Lab Sample ID: MB 880-139128/5-A

Matrix: Solid

Analysis Batch: 139056

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139128

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/27/26 18:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/27/26 18:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/27/26 18:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/27/26 15:23	04/27/26 18:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/27/26 18:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/27/26 15:23	04/27/26 18:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	04/27/26 15:23	04/27/26 18:27	1
1,4-Difluorobenzene (Surr)	87		70 - 130	04/27/26 15:23	04/27/26 18:27	1

Lab Sample ID: LCS 880-139128/1-A

Matrix: Solid

Analysis Batch: 139056

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139128

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1082		mg/Kg		108	70 - 130

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-139128/1-A

Matrix: Solid

Analysis Batch: 139056

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139128

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	0.100	0.1033		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1034		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2010		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1026		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: LCSD 880-139128/2-A

Matrix: Solid

Analysis Batch: 139056

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139128

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1110		mg/Kg		111	70 - 130	3	35
Toluene	0.100	0.1047		mg/Kg		105	70 - 130	1	35
Ethylbenzene	0.100	0.1089		mg/Kg		109	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2112		mg/Kg		106	70 - 130	5	35
o-Xylene	0.100	0.1057		mg/Kg		106	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-138240/1-A

Matrix: Solid

Analysis Batch: 138661

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138240

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:05	04/23/26 04:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:05	04/23/26 04:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:05	04/23/26 04:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	172	S1+	70 - 130	04/19/26 17:05	04/23/26 04:06	1
o-Terphenyl	188	S1+	70 - 130	04/19/26 17:05	04/23/26 04:06	1

Lab Sample ID: LCS 880-138240/2-A

Matrix: Solid

Analysis Batch: 138661

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138240

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	2431	*+	mg/Kg		243	70 - 130

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-138240/2-A

Matrix: Solid

Analysis Batch: 138661

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138240

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	2512	*+	mg/Kg		251	70 - 130

	LCS %Recovery	LCS Qualifier	Limits
Surrogate			
1-Chlorooctane	213	S1+	70 - 130
o-Terphenyl	227	S1+	70 - 130

Lab Sample ID: LCSD 880-138240/3-A

Matrix: Solid

Analysis Batch: 138661

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138240

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	2383	*+	mg/Kg		238	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	2524	*+	mg/Kg		252	70 - 130	0	20

	LCSD %Recovery	LCSD Qualifier	Limits
Surrogate			
1-Chlorooctane	213	S1+	70 - 130
o-Terphenyl	227	S1+	70 - 130

Lab Sample ID: MB 880-138242/1-A

Matrix: Solid

Analysis Batch: 138657

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138242

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:08	04/23/26 04:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:08	04/23/26 04:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:08	04/23/26 04:06	1

	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Surrogate						
1-Chlorooctane	119		70 - 130	04/19/26 17:08	04/23/26 04:06	1
o-Terphenyl	122		70 - 130	04/19/26 17:08	04/23/26 04:06	1

Lab Sample ID: LCS 880-138242/2-A

Matrix: Solid

Analysis Batch: 138657

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138242

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	996.2		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1130		mg/Kg		113	70 - 130

	LCS %Recovery	LCS Qualifier	Limits
Surrogate			
1-Chlorooctane	137	S1+	70 - 130
o-Terphenyl	127		70 - 130

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-138242/3-A

Matrix: Solid

Analysis Batch: 138657

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138242

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1123		mg/Kg		112	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1261		mg/Kg		126	70 - 130	11	20
	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	154	S1+	70 - 130						
o-Terphenyl	140	S1+	70 - 130						

Lab Sample ID: 890-9791-13 MS

Matrix: Solid

Analysis Batch: 138657

Client Sample ID: BH - 13

Prep Type: Total/NA

Prep Batch: 138242

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	724.8		mg/Kg		72	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	843.1		mg/Kg		84	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	97		70 - 130								

Lab Sample ID: 890-9791-13 MSD

Matrix: Solid

Analysis Batch: 138657

Client Sample ID: BH - 13

Prep Type: Total/NA

Prep Batch: 138242

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	737.0		mg/Kg		74	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	844.4		mg/Kg		84	70 - 130	0	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	98		70 - 130								

Lab Sample ID: MB 880-138243/1-A

Matrix: Solid

Analysis Batch: 138561

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138243

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:14	04/22/26 17:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:14	04/22/26 17:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:14	04/22/26 17:18	1

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-138243/1-A

Matrix: Solid

Analysis Batch: 138561

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138243

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	83		70 - 130	04/19/26 17:14	04/22/26 17:18	1				
o-Terphenyl	83		70 - 130	04/19/26 17:14	04/22/26 17:18	1				

Lab Sample ID: LCS 880-138243/2-A

Matrix: Solid

Analysis Batch: 138561

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138243

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	779.0		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	798.2		mg/Kg		80	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	73		70 - 130								
o-Terphenyl	78		70 - 130								

Lab Sample ID: LCSD 880-138243/3-A

Matrix: Solid

Analysis Batch: 138561

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138243

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	756.8		mg/Kg		76	70 - 130	3	20	
Diesel Range Organics (Over C10-C28)			1000	778.7		mg/Kg		78	70 - 130	2	20	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	70		70 - 130									
o-Terphenyl	75		70 - 130									

Lab Sample ID: 890-9791-39 MS

Matrix: Solid

Analysis Batch: 138561

Client Sample ID: BH - 20

Prep Type: Total/NA

Prep Batch: 138243

	Sample	Sample	Spike	MS	MS				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	905.0		mg/Kg		89	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	1021		mg/Kg		102	70 - 130			

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	80		70 - 130									
o-Terphenyl	84		70 - 130									

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-9791-39 MSD

Matrix: Solid

Analysis Batch: 138561

Client Sample ID: BH - 20

Prep Type: Total/NA

Prep Batch: 138243

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	906.2		mg/Kg		89	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	943.0		mg/Kg		94	70 - 130	8	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	84		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138269/1-A

Matrix: Solid

Analysis Batch: 138344

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/21/26 19:07	1

Lab Sample ID: LCS 880-138269/2-A

Matrix: Solid

Analysis Batch: 138344

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.1		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-138269/3-A

Matrix: Solid

Analysis Batch: 138344

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	253.8		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-9791-9 MS

Matrix: Solid

Analysis Batch: 138344

Client Sample ID: BH - 12

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.0	U	250	256.7		mg/Kg		100	90 - 110

Lab Sample ID: 890-9791-9 MSD

Matrix: Solid

Analysis Batch: 138344

Client Sample ID: BH - 12

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	250	256.7		mg/Kg		100	90 - 110	0	20

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-138270/1-A

Matrix: Solid

Analysis Batch: 138355

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/21/26 07:02	1

Lab Sample ID: LCS 880-138270/2-A

Matrix: Solid

Analysis Batch: 138355

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.6		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-138270/3-A

Matrix: Solid

Analysis Batch: 138355

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	254.3		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-9791-18 MS

Matrix: Solid

Analysis Batch: 138355

Client Sample ID: BH - 14

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	19.9		251	278.8		mg/Kg		103	90 - 110

Lab Sample ID: 890-9791-18 MSD

Matrix: Solid

Analysis Batch: 138355

Client Sample ID: BH - 14

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	19.9		251	269.9		mg/Kg		100	90 - 110	3	20

Lab Sample ID: 890-9791-31 MS

Matrix: Solid

Analysis Batch: 138355

Client Sample ID: BH - 18

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.98	U	250	261.5		mg/Kg		102	90 - 110

Lab Sample ID: 890-9791-31 MSD

Matrix: Solid

Analysis Batch: 138355

Client Sample ID: BH - 18

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.98	U	250	252.5		mg/Kg		99	90 - 110	4	20

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QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

GC VOA

Prep Batch: 138578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-1	BH - 10	Total/NA	Solid	5035	
890-9791-2	BH - 10	Total/NA	Solid	5035	
890-9791-3	BH - 10	Total/NA	Solid	5035	
890-9791-5	BH - 11	Total/NA	Solid	5035	
890-9791-6	BH - 11	Total/NA	Solid	5035	
890-9791-7	BH - 11	Total/NA	Solid	5035	
890-9791-9	BH - 12	Total/NA	Solid	5035	
890-9791-10	BH - 12	Total/NA	Solid	5035	
890-9791-11	BH - 12	Total/NA	Solid	5035	
890-9791-13	BH - 13	Total/NA	Solid	5035	
MB 880-138578/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138578/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138578/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9791-1 MS	BH - 10	Total/NA	Solid	5035	
890-9791-1 MSD	BH - 10	Total/NA	Solid	5035	

Prep Batch: 138579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-21	BH - 15	Total/NA	Solid	5035	
890-9791-22	BH - 15	Total/NA	Solid	5035	
890-9791-23	BH - 15	Total/NA	Solid	5035	
890-9791-25	BH - 16	Total/NA	Solid	5035	
890-9791-26	BH - 16	Total/NA	Solid	5035	
890-9791-27	BH - 16	Total/NA	Solid	5035	
890-9791-29	BH - 18	Total/NA	Solid	5035	
890-9791-30	BH - 18	Total/NA	Solid	5035	
MB 880-138579/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138579/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138579/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9791-21 MS	BH - 15	Total/NA	Solid	5035	
890-9791-21 MSD	BH - 15	Total/NA	Solid	5035	

Prep Batch: 138595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138595/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 138597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138597/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 138607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-31	BH - 18	Total/NA	Solid	5035	
890-9791-33	BH - 19	Total/NA	Solid	5035	
890-9791-34	BH - 19	Total/NA	Solid	5035	
890-9791-35	BH - 19	Total/NA	Solid	5035	
890-9791-37	BH - 20	Total/NA	Solid	5035	
890-9791-38	BH - 20	Total/NA	Solid	5035	
890-9791-39	BH - 20	Total/NA	Solid	5035	
MB 880-138607/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138607/1-A	Lab Control Sample	Total/NA	Solid	5035	

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QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

GC VOA (Continued)

Prep Batch: 138607 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-138607/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9791-31 MS	BH - 18	Total/NA	Solid	5035	
890-9791-31 MSD	BH - 18	Total/NA	Solid	5035	

Analysis Batch: 138842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-21	BH - 15	Total/NA	Solid	8021B	138579
890-9791-22	BH - 15	Total/NA	Solid	8021B	138579
890-9791-23	BH - 15	Total/NA	Solid	8021B	138579
890-9791-25	BH - 16	Total/NA	Solid	8021B	138579
890-9791-26	BH - 16	Total/NA	Solid	8021B	138579
890-9791-27	BH - 16	Total/NA	Solid	8021B	138579
890-9791-29	BH - 18	Total/NA	Solid	8021B	138579
890-9791-30	BH - 18	Total/NA	Solid	8021B	138579
890-9791-31	BH - 18	Total/NA	Solid	8021B	138607
890-9791-33	BH - 19	Total/NA	Solid	8021B	138607
890-9791-34	BH - 19	Total/NA	Solid	8021B	138607
890-9791-35	BH - 19	Total/NA	Solid	8021B	138607
890-9791-37	BH - 20	Total/NA	Solid	8021B	138607
890-9791-38	BH - 20	Total/NA	Solid	8021B	138607
890-9791-39	BH - 20	Total/NA	Solid	8021B	138607
MB 880-138579/5-A	Method Blank	Total/NA	Solid	8021B	138579
MB 880-138595/5-A	Method Blank	Total/NA	Solid	8021B	138595
MB 880-138597/5-A	Method Blank	Total/NA	Solid	8021B	138597
MB 880-138607/5-A	Method Blank	Total/NA	Solid	8021B	138607
LCS 880-138579/1-A	Lab Control Sample	Total/NA	Solid	8021B	138579
LCS 880-138607/1-A	Lab Control Sample	Total/NA	Solid	8021B	138607
LCSD 880-138579/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138579
LCSD 880-138607/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138607
890-9791-21 MS	BH - 15	Total/NA	Solid	8021B	138579
890-9791-21 MSD	BH - 15	Total/NA	Solid	8021B	138579
890-9791-31 MS	BH - 18	Total/NA	Solid	8021B	138607
890-9791-31 MSD	BH - 18	Total/NA	Solid	8021B	138607

Analysis Batch: 139012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-1	BH - 10	Total/NA	Solid	8021B	138578
890-9791-2	BH - 10	Total/NA	Solid	8021B	138578
890-9791-3	BH - 10	Total/NA	Solid	8021B	138578
890-9791-5	BH - 11	Total/NA	Solid	8021B	138578
890-9791-6	BH - 11	Total/NA	Solid	8021B	138578
890-9791-7	BH - 11	Total/NA	Solid	8021B	138578
890-9791-9	BH - 12	Total/NA	Solid	8021B	138578
890-9791-10	BH - 12	Total/NA	Solid	8021B	138578
890-9791-11	BH - 12	Total/NA	Solid	8021B	138578
890-9791-13	BH - 13	Total/NA	Solid	8021B	138578
MB 880-138578/5-A	Method Blank	Total/NA	Solid	8021B	138578
MB 880-139016/5-A	Method Blank	Total/NA	Solid	8021B	139016
LCS 880-138578/1-A	Lab Control Sample	Total/NA	Solid	8021B	138578
LCSD 880-138578/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138578
890-9791-1 MS	BH - 10	Total/NA	Solid	8021B	138578

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

GC VOA (Continued)

Analysis Batch: 139012 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-1 MSD	BH - 10	Total/NA	Solid	8021B	138578

Prep Batch: 139016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-139016/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 139056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-14	BH - 13	Total/NA	Solid	8021B	139128
890-9791-15	BH - 13	Total/NA	Solid	8021B	139128
890-9791-17	BH - 14	Total/NA	Solid	8021B	139128
890-9791-18	BH - 14	Total/NA	Solid	8021B	139128
890-9791-19	BH - 14	Total/NA	Solid	8021B	139128
MB 880-139128/5-A	Method Blank	Total/NA	Solid	8021B	139128
LCS 880-139128/1-A	Lab Control Sample	Total/NA	Solid	8021B	139128
LCSD 880-139128/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139128

Analysis Batch: 139117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-1	BH - 10	Total/NA	Solid	Total BTEX	
890-9791-2	BH - 10	Total/NA	Solid	Total BTEX	
890-9791-3	BH - 10	Total/NA	Solid	Total BTEX	
890-9791-5	BH - 11	Total/NA	Solid	Total BTEX	
890-9791-6	BH - 11	Total/NA	Solid	Total BTEX	
890-9791-7	BH - 11	Total/NA	Solid	Total BTEX	
890-9791-9	BH - 12	Total/NA	Solid	Total BTEX	
890-9791-10	BH - 12	Total/NA	Solid	Total BTEX	
890-9791-11	BH - 12	Total/NA	Solid	Total BTEX	
890-9791-13	BH - 13	Total/NA	Solid	Total BTEX	
890-9791-14	BH - 13	Total/NA	Solid	Total BTEX	
890-9791-15	BH - 13	Total/NA	Solid	Total BTEX	
890-9791-17	BH - 14	Total/NA	Solid	Total BTEX	
890-9791-18	BH - 14	Total/NA	Solid	Total BTEX	
890-9791-19	BH - 14	Total/NA	Solid	Total BTEX	
890-9791-21	BH - 15	Total/NA	Solid	Total BTEX	
890-9791-22	BH - 15	Total/NA	Solid	Total BTEX	
890-9791-23	BH - 15	Total/NA	Solid	Total BTEX	
890-9791-25	BH - 16	Total/NA	Solid	Total BTEX	
890-9791-26	BH - 16	Total/NA	Solid	Total BTEX	
890-9791-27	BH - 16	Total/NA	Solid	Total BTEX	
890-9791-29	BH - 18	Total/NA	Solid	Total BTEX	
890-9791-30	BH - 18	Total/NA	Solid	Total BTEX	
890-9791-31	BH - 18	Total/NA	Solid	Total BTEX	
890-9791-33	BH - 19	Total/NA	Solid	Total BTEX	
890-9791-34	BH - 19	Total/NA	Solid	Total BTEX	
890-9791-35	BH - 19	Total/NA	Solid	Total BTEX	
890-9791-37	BH - 20	Total/NA	Solid	Total BTEX	
890-9791-38	BH - 20	Total/NA	Solid	Total BTEX	
890-9791-39	BH - 20	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

GC VOA

Prep Batch: 139128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-14	BH - 13	Total/NA	Solid	5035	
890-9791-15	BH - 13	Total/NA	Solid	5035	
890-9791-17	BH - 14	Total/NA	Solid	5035	
890-9791-18	BH - 14	Total/NA	Solid	5035	
890-9791-19	BH - 14	Total/NA	Solid	5035	
MB 880-139128/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139128/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139128/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 138240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-1	BH - 10	Total/NA	Solid	8015NM Prep	
890-9791-2	BH - 10	Total/NA	Solid	8015NM Prep	
890-9791-3	BH - 10	Total/NA	Solid	8015NM Prep	
890-9791-5	BH - 11	Total/NA	Solid	8015NM Prep	
890-9791-6	BH - 11	Total/NA	Solid	8015NM Prep	
890-9791-7	BH - 11	Total/NA	Solid	8015NM Prep	
890-9791-9	BH - 12	Total/NA	Solid	8015NM Prep	
890-9791-10	BH - 12	Total/NA	Solid	8015NM Prep	
890-9791-11	BH - 12	Total/NA	Solid	8015NM Prep	
MB 880-138240/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138240/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138240/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 138242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-13	BH - 13	Total/NA	Solid	8015NM Prep	
890-9791-14	BH - 13	Total/NA	Solid	8015NM Prep	
890-9791-15	BH - 13	Total/NA	Solid	8015NM Prep	
890-9791-17	BH - 14	Total/NA	Solid	8015NM Prep	
890-9791-18	BH - 14	Total/NA	Solid	8015NM Prep	
890-9791-19	BH - 14	Total/NA	Solid	8015NM Prep	
890-9791-21	BH - 15	Total/NA	Solid	8015NM Prep	
890-9791-22	BH - 15	Total/NA	Solid	8015NM Prep	
890-9791-23	BH - 15	Total/NA	Solid	8015NM Prep	
890-9791-25	BH - 16	Total/NA	Solid	8015NM Prep	
890-9791-26	BH - 16	Total/NA	Solid	8015NM Prep	
890-9791-27	BH - 16	Total/NA	Solid	8015NM Prep	
890-9791-29	BH - 18	Total/NA	Solid	8015NM Prep	
890-9791-30	BH - 18	Total/NA	Solid	8015NM Prep	
890-9791-31	BH - 18	Total/NA	Solid	8015NM Prep	
890-9791-33	BH - 19	Total/NA	Solid	8015NM Prep	
890-9791-34	BH - 19	Total/NA	Solid	8015NM Prep	
890-9791-35	BH - 19	Total/NA	Solid	8015NM Prep	
890-9791-37	BH - 20	Total/NA	Solid	8015NM Prep	
890-9791-38	BH - 20	Total/NA	Solid	8015NM Prep	
MB 880-138242/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138242/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138242/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

GC Semi VOA (Continued)

Prep Batch: 138242 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-13 MS	BH - 13	Total/NA	Solid	8015NM Prep	
890-9791-13 MSD	BH - 13	Total/NA	Solid	8015NM Prep	

Prep Batch: 138243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-39	BH - 20	Total/NA	Solid	8015NM Prep	
MB 880-138243/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138243/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138243/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9791-39 MS	BH - 20	Total/NA	Solid	8015NM Prep	
890-9791-39 MSD	BH - 20	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-39	BH - 20	Total/NA	Solid	8015B NM	138243
MB 880-138243/1-A	Method Blank	Total/NA	Solid	8015B NM	138243
LCS 880-138243/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138243
LCSD 880-138243/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138243
890-9791-39 MS	BH - 20	Total/NA	Solid	8015B NM	138243
890-9791-39 MSD	BH - 20	Total/NA	Solid	8015B NM	138243

Analysis Batch: 138657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-13	BH - 13	Total/NA	Solid	8015B NM	138242
890-9791-14	BH - 13	Total/NA	Solid	8015B NM	138242
890-9791-15	BH - 13	Total/NA	Solid	8015B NM	138242
890-9791-17	BH - 14	Total/NA	Solid	8015B NM	138242
890-9791-18	BH - 14	Total/NA	Solid	8015B NM	138242
890-9791-19	BH - 14	Total/NA	Solid	8015B NM	138242
890-9791-21	BH - 15	Total/NA	Solid	8015B NM	138242
890-9791-22	BH - 15	Total/NA	Solid	8015B NM	138242
890-9791-23	BH - 15	Total/NA	Solid	8015B NM	138242
890-9791-25	BH - 16	Total/NA	Solid	8015B NM	138242
890-9791-26	BH - 16	Total/NA	Solid	8015B NM	138242
890-9791-27	BH - 16	Total/NA	Solid	8015B NM	138242
890-9791-29	BH - 18	Total/NA	Solid	8015B NM	138242
890-9791-30	BH - 18	Total/NA	Solid	8015B NM	138242
890-9791-31	BH - 18	Total/NA	Solid	8015B NM	138242
890-9791-33	BH - 19	Total/NA	Solid	8015B NM	138242
890-9791-34	BH - 19	Total/NA	Solid	8015B NM	138242
890-9791-35	BH - 19	Total/NA	Solid	8015B NM	138242
890-9791-37	BH - 20	Total/NA	Solid	8015B NM	138242
890-9791-38	BH - 20	Total/NA	Solid	8015B NM	138242
MB 880-138242/1-A	Method Blank	Total/NA	Solid	8015B NM	138242
LCS 880-138242/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138242
LCSD 880-138242/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138242
890-9791-13 MS	BH - 13	Total/NA	Solid	8015B NM	138242
890-9791-13 MSD	BH - 13	Total/NA	Solid	8015B NM	138242

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QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

GC Semi VOA

Analysis Batch: 138661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-1	BH - 10	Total/NA	Solid	8015B NM	138240
890-9791-2	BH - 10	Total/NA	Solid	8015B NM	138240
890-9791-3	BH - 10	Total/NA	Solid	8015B NM	138240
890-9791-5	BH - 11	Total/NA	Solid	8015B NM	138240
890-9791-6	BH - 11	Total/NA	Solid	8015B NM	138240
890-9791-7	BH - 11	Total/NA	Solid	8015B NM	138240
890-9791-9	BH - 12	Total/NA	Solid	8015B NM	138240
890-9791-10	BH - 12	Total/NA	Solid	8015B NM	138240
890-9791-11	BH - 12	Total/NA	Solid	8015B NM	138240
MB 880-138240/1-A	Method Blank	Total/NA	Solid	8015B NM	138240
LCS 880-138240/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138240
LCSD 880-138240/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138240

Analysis Batch: 138701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-1	BH - 10	Total/NA	Solid	8015 NM	
890-9791-2	BH - 10	Total/NA	Solid	8015 NM	
890-9791-3	BH - 10	Total/NA	Solid	8015 NM	
890-9791-5	BH - 11	Total/NA	Solid	8015 NM	
890-9791-6	BH - 11	Total/NA	Solid	8015 NM	
890-9791-7	BH - 11	Total/NA	Solid	8015 NM	
890-9791-9	BH - 12	Total/NA	Solid	8015 NM	
890-9791-10	BH - 12	Total/NA	Solid	8015 NM	
890-9791-11	BH - 12	Total/NA	Solid	8015 NM	
890-9791-13	BH - 13	Total/NA	Solid	8015 NM	
890-9791-14	BH - 13	Total/NA	Solid	8015 NM	
890-9791-15	BH - 13	Total/NA	Solid	8015 NM	
890-9791-17	BH - 14	Total/NA	Solid	8015 NM	
890-9791-18	BH - 14	Total/NA	Solid	8015 NM	
890-9791-19	BH - 14	Total/NA	Solid	8015 NM	
890-9791-21	BH - 15	Total/NA	Solid	8015 NM	
890-9791-22	BH - 15	Total/NA	Solid	8015 NM	
890-9791-23	BH - 15	Total/NA	Solid	8015 NM	
890-9791-25	BH - 16	Total/NA	Solid	8015 NM	
890-9791-26	BH - 16	Total/NA	Solid	8015 NM	
890-9791-27	BH - 16	Total/NA	Solid	8015 NM	
890-9791-29	BH - 18	Total/NA	Solid	8015 NM	
890-9791-30	BH - 18	Total/NA	Solid	8015 NM	
890-9791-31	BH - 18	Total/NA	Solid	8015 NM	
890-9791-33	BH - 19	Total/NA	Solid	8015 NM	
890-9791-34	BH - 19	Total/NA	Solid	8015 NM	
890-9791-35	BH - 19	Total/NA	Solid	8015 NM	
890-9791-37	BH - 20	Total/NA	Solid	8015 NM	
890-9791-38	BH - 20	Total/NA	Solid	8015 NM	
890-9791-39	BH - 20	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 138269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-1	BH - 10	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

HPLC/IC (Continued)

Leach Batch: 138269 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-2	BH - 10	Soluble	Solid	DI Leach	
890-9791-3	BH - 10	Soluble	Solid	DI Leach	
890-9791-5	BH - 11	Soluble	Solid	DI Leach	
890-9791-6	BH - 11	Soluble	Solid	DI Leach	
890-9791-7	BH - 11	Soluble	Solid	DI Leach	
890-9791-9	BH - 12	Soluble	Solid	DI Leach	
890-9791-10	BH - 12	Soluble	Solid	DI Leach	
890-9791-11	BH - 12	Soluble	Solid	DI Leach	
890-9791-13	BH - 13	Soluble	Solid	DI Leach	
890-9791-14	BH - 13	Soluble	Solid	DI Leach	
890-9791-15	BH - 13	Soluble	Solid	DI Leach	
890-9791-17	BH - 14	Soluble	Solid	DI Leach	
MB 880-138269/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138269/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138269/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9791-9 MS	BH - 12	Soluble	Solid	DI Leach	
890-9791-9 MSD	BH - 12	Soluble	Solid	DI Leach	

Leach Batch: 138270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-18	BH - 14	Soluble	Solid	DI Leach	
890-9791-19	BH - 14	Soluble	Solid	DI Leach	
890-9791-21	BH - 15	Soluble	Solid	DI Leach	
890-9791-22	BH - 15	Soluble	Solid	DI Leach	
890-9791-23	BH - 15	Soluble	Solid	DI Leach	
890-9791-25	BH - 16	Soluble	Solid	DI Leach	
890-9791-26	BH - 16	Soluble	Solid	DI Leach	
890-9791-27	BH - 16	Soluble	Solid	DI Leach	
890-9791-29	BH - 18	Soluble	Solid	DI Leach	
890-9791-30	BH - 18	Soluble	Solid	DI Leach	
890-9791-31	BH - 18	Soluble	Solid	DI Leach	
890-9791-33	BH - 19	Soluble	Solid	DI Leach	
890-9791-34	BH - 19	Soluble	Solid	DI Leach	
890-9791-35	BH - 19	Soluble	Solid	DI Leach	
890-9791-37	BH - 20	Soluble	Solid	DI Leach	
890-9791-38	BH - 20	Soluble	Solid	DI Leach	
890-9791-39	BH - 20	Soluble	Solid	DI Leach	
MB 880-138270/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138270/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138270/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9791-18 MS	BH - 14	Soluble	Solid	DI Leach	
890-9791-18 MSD	BH - 14	Soluble	Solid	DI Leach	
890-9791-31 MS	BH - 18	Soluble	Solid	DI Leach	
890-9791-31 MSD	BH - 18	Soluble	Solid	DI Leach	

Analysis Batch: 138344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-1	BH - 10	Soluble	Solid	300.0	138269
890-9791-2	BH - 10	Soluble	Solid	300.0	138269
890-9791-3	BH - 10	Soluble	Solid	300.0	138269
890-9791-5	BH - 11	Soluble	Solid	300.0	138269

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

HPLC/IC (Continued)

Analysis Batch: 138344 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-6	BH - 11	Soluble	Solid	300.0	138269
890-9791-7	BH - 11	Soluble	Solid	300.0	138269
890-9791-9	BH - 12	Soluble	Solid	300.0	138269
890-9791-10	BH - 12	Soluble	Solid	300.0	138269
890-9791-11	BH - 12	Soluble	Solid	300.0	138269
890-9791-13	BH - 13	Soluble	Solid	300.0	138269
890-9791-14	BH - 13	Soluble	Solid	300.0	138269
890-9791-15	BH - 13	Soluble	Solid	300.0	138269
890-9791-17	BH - 14	Soluble	Solid	300.0	138269
MB 880-138269/1-A	Method Blank	Soluble	Solid	300.0	138269
LCS 880-138269/2-A	Lab Control Sample	Soluble	Solid	300.0	138269
LCSD 880-138269/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138269
890-9791-9 MS	BH - 12	Soluble	Solid	300.0	138269
890-9791-9 MSD	BH - 12	Soluble	Solid	300.0	138269

Analysis Batch: 138355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9791-18	BH - 14	Soluble	Solid	300.0	138270
890-9791-19	BH - 14	Soluble	Solid	300.0	138270
890-9791-21	BH - 15	Soluble	Solid	300.0	138270
890-9791-22	BH - 15	Soluble	Solid	300.0	138270
890-9791-23	BH - 15	Soluble	Solid	300.0	138270
890-9791-25	BH - 16	Soluble	Solid	300.0	138270
890-9791-26	BH - 16	Soluble	Solid	300.0	138270
890-9791-27	BH - 16	Soluble	Solid	300.0	138270
890-9791-29	BH - 18	Soluble	Solid	300.0	138270
890-9791-30	BH - 18	Soluble	Solid	300.0	138270
890-9791-31	BH - 18	Soluble	Solid	300.0	138270
890-9791-33	BH - 19	Soluble	Solid	300.0	138270
890-9791-34	BH - 19	Soluble	Solid	300.0	138270
890-9791-35	BH - 19	Soluble	Solid	300.0	138270
890-9791-37	BH - 20	Soluble	Solid	300.0	138270
890-9791-38	BH - 20	Soluble	Solid	300.0	138270
890-9791-39	BH - 20	Soluble	Solid	300.0	138270
MB 880-138270/1-A	Method Blank	Soluble	Solid	300.0	138270
LCS 880-138270/2-A	Lab Control Sample	Soluble	Solid	300.0	138270
LCSD 880-138270/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138270
890-9791-18 MS	BH - 14	Soluble	Solid	300.0	138270
890-9791-18 MSD	BH - 14	Soluble	Solid	300.0	138270
890-9791-31 MS	BH - 18	Soluble	Solid	300.0	138270
890-9791-31 MSD	BH - 18	Soluble	Solid	300.0	138270

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 10

Lab Sample ID: 890-9791-1

Date Collected: 04/15/26 11:00

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	138578	04/22/26 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139012	04/27/26 06:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/27/26 06:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 09:52	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 09:52	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 20:40	CS	EET MID

Client Sample ID: BH - 10

Lab Sample ID: 890-9791-2

Date Collected: 04/15/26 11:05

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	138578	04/22/26 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139012	04/27/26 06:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/27/26 06:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 10:13	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 10:13	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 21:11	CS	EET MID

Client Sample ID: BH - 10

Lab Sample ID: 890-9791-3

Date Collected: 04/15/26 11:10

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138578	04/22/26 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139012	04/27/26 07:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/27/26 07:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 10:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 10:33	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 21:22	CS	EET MID

Client Sample ID: BH - 11

Lab Sample ID: 890-9791-5

Date Collected: 04/15/26 11:20

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	138578	04/22/26 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139012	04/27/26 07:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/27/26 07:32	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 11

Lab Sample ID: 890-9791-5

Date Collected: 04/15/26 11:20

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			138701	04/23/26 10:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 10:53	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 21:32	CS	EET MID

Client Sample ID: BH - 11

Lab Sample ID: 890-9791-6

Date Collected: 04/15/26 11:25

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	138578	04/22/26 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139012	04/27/26 07:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/27/26 07:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 11:14	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 11:14	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 21:42	CS	EET MID

Client Sample ID: BH - 11

Lab Sample ID: 890-9791-7

Date Collected: 04/15/26 11:30

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	138578	04/22/26 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139012	04/27/26 08:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/27/26 08:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 11:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 11:34	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 21:53	CS	EET MID

Client Sample ID: BH - 12

Lab Sample ID: 890-9791-9

Date Collected: 04/15/26 11:40

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	138578	04/22/26 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139012	04/27/26 08:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/27/26 08:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 11:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 11:55	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 12

Lab Sample ID: 890-9791-9

Date Collected: 04/15/26 11:40

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 22:03	CS	EET MID

Client Sample ID: BH - 12

Lab Sample ID: 890-9791-10

Date Collected: 04/15/26 11:45

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	138578	04/22/26 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139012	04/27/26 08:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/27/26 08:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 12:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 12:15	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 22:34	CS	EET MID

Client Sample ID: BH - 12

Lab Sample ID: 890-9791-11

Date Collected: 04/15/26 11:50

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138578	04/22/26 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139012	04/27/26 09:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/27/26 09:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 12:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138240	04/19/26 17:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138661	04/23/26 12:36	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 22:44	CS	EET MID

Client Sample ID: BH - 13

Lab Sample ID: 890-9791-13

Date Collected: 04/15/26 12:00

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	138578	04/22/26 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139012	04/27/26 09:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/27/26 09:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 05:08	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 05:08	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 23:15	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 13

Lab Sample ID: 890-9791-14

Date Collected: 04/15/26 12:05

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	139128	04/27/26 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139056	04/27/26 23:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/27/26 23:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 06:09	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 06:09	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 23:26	CS	EET MID

Client Sample ID: BH - 13

Lab Sample ID: 890-9791-15

Date Collected: 04/15/26 12:10

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	139128	04/27/26 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139056	04/27/26 23:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/27/26 23:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 06:29	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 06:29	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 23:36	CS	EET MID

Client Sample ID: BH - 14

Lab Sample ID: 890-9791-17

Date Collected: 04/15/26 12:20

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	139128	04/27/26 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139056	04/28/26 00:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/28/26 00:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 06:49	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 06:49	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138269	04/20/26 08:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138344	04/21/26 23:46	CS	EET MID

Client Sample ID: BH - 14

Lab Sample ID: 890-9791-18

Date Collected: 04/15/26 12:25

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	139128	04/27/26 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139056	04/28/26 00:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/28/26 00:29	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 14

Lab Sample ID: 890-9791-18

Date Collected: 04/15/26 12:25

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			138701	04/23/26 07:10	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 07:10	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 07:13	SMC	EET MID

Client Sample ID: BH - 14

Lab Sample ID: 890-9791-19

Date Collected: 04/15/26 12:30

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	139128	04/27/26 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139056	04/28/26 00:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/28/26 00:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 07:30	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 07:30	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 07:29	SMC	EET MID

Client Sample ID: BH - 15

Lab Sample ID: 890-9791-21

Date Collected: 04/15/26 12:40

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	138579	04/22/26 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 18:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/26/26 18:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 07:50	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 07:50	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 09:17	SMC	EET MID

Client Sample ID: BH - 15

Lab Sample ID: 890-9791-22

Date Collected: 04/15/26 12:45

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	138579	04/22/26 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/26/26 18:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 08:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 08:11	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 15

Lab Sample ID: 890-9791-22

Date Collected: 04/15/26 12:45

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 09:23	SMC	EET MID

Client Sample ID: BH - 15

Lab Sample ID: 890-9791-23

Date Collected: 04/15/26 12:50

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138579	04/22/26 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 18:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/26/26 18:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 08:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 08:31	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 09:28	SMC	EET MID

Client Sample ID: BH - 16

Lab Sample ID: 890-9791-25

Date Collected: 04/15/26 13:00

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	138579	04/22/26 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/26/26 19:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 08:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 08:51	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 07:48	SMC	EET MID

Client Sample ID: BH - 16

Lab Sample ID: 890-9791-26

Date Collected: 04/15/26 13:05

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	138579	04/22/26 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 19:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/26/26 19:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 09:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 09:32	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 07:53	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 16

Lab Sample ID: 890-9791-27

Date Collected: 04/15/26 13:10

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	138579	04/22/26 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 19:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/26/26 19:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 09:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 09:52	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 07:59	SMC	EET MID

Client Sample ID: BH - 18

Lab Sample ID: 890-9791-29

Date Collected: 04/15/26 13:40

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	138579	04/22/26 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 20:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/26/26 20:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 10:13	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 10:13	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 08:04	SMC	EET MID

Client Sample ID: BH - 18

Lab Sample ID: 890-9791-30

Date Collected: 04/15/26 13:45

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138579	04/22/26 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/26/26 20:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/26/26 20:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 10:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 10:33	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 08:09	SMC	EET MID

Client Sample ID: BH - 18

Lab Sample ID: 890-9791-31

Date Collected: 04/15/26 13:50

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	138607	04/22/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 18:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/25/26 18:03	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 18

Lab Sample ID: 890-9791-31

Date Collected: 04/15/26 13:50

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			138701	04/23/26 10:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 10:53	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 08:14	SMC	EET MID

Client Sample ID: BH - 19

Lab Sample ID: 890-9791-33

Date Collected: 04/15/26 14:00

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	138607	04/22/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 18:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/25/26 18:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 11:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 11:14	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 08:30	SMC	EET MID

Client Sample ID: BH - 19

Lab Sample ID: 890-9791-34

Date Collected: 04/15/26 14:05

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138607	04/22/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 18:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/25/26 18:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 11:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 11:34	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 08:35	SMC	EET MID

Client Sample ID: BH - 19

Lab Sample ID: 890-9791-35

Date Collected: 04/15/26 14:10

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	138607	04/22/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 19:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/25/26 19:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 11:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 11:55	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Client Sample ID: BH - 19

Lab Sample ID: 890-9791-35

Date Collected: 04/15/26 14:10

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 08:56	SMC	EET MID

Client Sample ID: BH - 20

Lab Sample ID: 890-9791-37

Date Collected: 04/15/26 14:20

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	138607	04/22/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 19:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/25/26 19:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 12:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 12:15	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 09:02	SMC	EET MID

Client Sample ID: BH - 20

Lab Sample ID: 890-9791-38

Date Collected: 04/15/26 14:25

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	138607	04/22/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 19:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/25/26 19:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/23/26 12:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138242	04/19/26 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138657	04/23/26 12:36	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 09:07	SMC	EET MID

Client Sample ID: BH - 20

Lab Sample ID: 890-9791-39

Date Collected: 04/15/26 14:30

Matrix: Solid

Date Received: 04/16/26 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138607	04/22/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 20:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139117	04/25/26 20:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			138701	04/22/26 18:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	138243	04/19/26 17:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138561	04/22/26 18:05	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138270	04/20/26 08:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138355	04/21/26 09:12	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Earth Systems Response and Restoration
Project/Site: Double X Federal #4 Lact

Job ID: 890-9791-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9791-1	BH - 10	Solid	04/15/26 11:00	04/16/26 08:23	0.5
890-9791-2	BH - 10	Solid	04/15/26 11:05	04/16/26 08:23	2
890-9791-3	BH - 10	Solid	04/15/26 11:10	04/16/26 08:23	4
890-9791-5	BH - 11	Solid	04/15/26 11:20	04/16/26 08:23	0.5
890-9791-6	BH - 11	Solid	04/15/26 11:25	04/16/26 08:23	2
890-9791-7	BH - 11	Solid	04/15/26 11:30	04/16/26 08:23	4
890-9791-9	BH - 12	Solid	04/15/26 11:40	04/16/26 08:23	0.5
890-9791-10	BH - 12	Solid	04/15/26 11:45	04/16/26 08:23	2
890-9791-11	BH - 12	Solid	04/15/26 11:50	04/16/26 08:23	4
890-9791-13	BH - 13	Solid	04/15/26 12:00	04/16/26 08:23	0.5
890-9791-14	BH - 13	Solid	04/15/26 12:05	04/16/26 08:23	2
890-9791-15	BH - 13	Solid	04/15/26 12:10	04/16/26 08:23	4
890-9791-17	BH - 14	Solid	04/15/26 12:20	04/16/26 08:23	0.5
890-9791-18	BH - 14	Solid	04/15/26 12:25	04/16/26 08:23	2
890-9791-19	BH - 14	Solid	04/15/26 12:30	04/16/26 08:23	4
890-9791-21	BH - 15	Solid	04/15/26 12:40	04/16/26 08:23	0.5
890-9791-22	BH - 15	Solid	04/15/26 12:45	04/16/26 08:23	2
890-9791-23	BH - 15	Solid	04/15/26 12:50	04/16/26 08:23	4
890-9791-25	BH - 16	Solid	04/15/26 13:00	04/16/26 08:23	0.5
890-9791-26	BH - 16	Solid	04/15/26 13:05	04/16/26 08:23	2
890-9791-27	BH - 16	Solid	04/15/26 13:10	04/16/26 08:23	4
890-9791-29	BH - 18	Solid	04/15/26 13:40	04/16/26 08:23	0.5
890-9791-30	BH - 18	Solid	04/15/26 13:45	04/16/26 08:23	2
890-9791-31	BH - 18	Solid	04/15/26 13:50	04/16/26 08:23	4
890-9791-33	BH - 19	Solid	04/15/26 14:00	04/16/26 08:23	0.5
890-9791-34	BH - 19	Solid	04/15/26 14:05	04/16/26 08:23	2
890-9791-35	BH - 19	Solid	04/15/26 14:10	04/16/26 08:23	4
890-9791-37	BH - 20	Solid	04/15/26 14:20	04/16/26 08:23	0.5
890-9791-38	BH - 20	Solid	04/15/26 14:25	04/16/26 08:23	2
890-9791-39	BH - 20	Solid	04/15/26 14:30	04/16/26 08:23	4

Eurofins Carlsbad



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 986-3199

Work Order No: _____

www.xenco.com Page 1 of 4

Project Manager:	Gilbert Moreno	Bill to: (if different)	Ryan Reich
Company Name:	Earth Systems R&R	Company Name:	Energy Transfer
Address:	1910 Resource Ct.	Address:	
City, State ZIP:	Carlsbad, NM, 88220	City, State ZIP:	
Phone:	832-541-7719	Email:	gmoreno@earthsys.net, squiren@earthsys.net

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund
State of Project:	
Reporting: Level II	☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV
Deliverables: EDD	☐ ADAPT ☐ Other:



890-9791 Chain of Custody

Project Name:	Double X Federal #4 Lact	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS		Preservative Codes	
Project Number:	9249	Due Date:	Routine TAT					DI Water: H ₂ O	
Project Location:	Lea County, NM							MeOH: Me	
Sampler's Name:	Santiago Giron, Michael Benini							HNO ₃ : HN	
CC/WO #:	TBD							NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	☒ Yes ☐ No	Wet Ice:	Yes ☐ No ☒				4: NABIS	
Samples Received Intact:	☒ Yes ☐ No	Thermometer ID:						Na ₂ S ₂ O ₃ : NaSO ₃	
Cooler Custody Seals:	☒ Yes ☐ No	Correction Factor:						Zn Acetate+NaOH: Zn	
Sample Custody Seals:	☒ Yes ☐ No	Temperature Reading:						NaOH+Ascorbic Acid: SAPC	
Total Containers:		Corrected Temperature:							

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	TPH-NM	Chloride-NM	BTEX-NM	TDS	Cation/ Anion	TCLP-Metals	TCLP- BTEX	TCLP- RCI	Hold	24 Hr Rush	Sample Comments
BH-10	S	4.15.26	11:00	0.5	Grab/	1	X	X	X								Incident Number nAPP2430350715
BH-10	S	4.15.26	11:05	2	Grab/	1	X	X	X								
BH-10	S	4.15.26	11:10	4	Grab/	1	X	X	X								
BH-10	S	4.15.26	11:15	6	Grab/	1	X	X	X								
BH-11	S	4.15.26	11:20	0.5	Grab/	1	X	X	X								
BH-11	S	4.15.26	11:25	2	Grab/	1	X	X	X								
BH-11	S	4.15.26	11:30	4	Grab/	1	X	X	X								
BH-11	S	4.15.26	11:35	6	Grab/	1	X	X	X								
BH-12	S	4.15.26	11:40	0.5	Grab/	1	X	X	X								
BH-12	S	4.15.26	11:45	2	Grab/	1	X	X	X								

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4/23 4/12	2		
3					
5					



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No:

www.xenco.com Page 2 of 4

Project Manager:	Gilbert Moreno	Bill to: (if different)	Ryan Reich
Company Name:	Earth Systems R&R	Company Name:	Energy Transfer
Address:	1910 Resource Ct.	Address:	
City, State ZIP:	Carlsbad, NM, 88220	City, State ZIP:	
Phone:	832-541-7719	Email:	gmoreno@earthsys.net, sraion@earthsys.net

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

Project Name:	Double X Federal #4 Lact	Turn Around	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	9249	Due Date:	Routine TAT												None: NO	DI Water: H ₂ O	
Project Location:	Lea County, NM														Cool: Cool	MeOH: Me	
Sampler's Name:	Santiago Giron, Michael Benini														HCL: HC	HNO ₃ : HN	
CC/ WO #:	TBD														H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes: No	Wet Ice:	Yes: No											H ₃ PO ₄ : HP		
Samples Received Intact:	Yes: No	Thermometer ID:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes: No	Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes: No	Temperature Reading:														Zn Acetate+NaOH: Zn	
Total Containers:	Yes: No	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	TPH-NM	Chloride-NM	BTEX-NM	TDS	Cation/ Anion	TCLP-Metals	TCLP- BTEX	TCLP- RCI	Hold	24 Hr Rush	Sample Comments
BH-12	S	4.15.26	11:50	4	Grab/	1	X	X	X						X		Incident Number nAPP2430350715
BH-12	S	4.15.26	11:55	6	Grab/	1	X	X	X								
BH-13	S	4.15.26	12:00	0.5	Grab/	1	X	X	X								
BH-13	S	4.15.26	12:05	2	Grab/	1	X	X	X								
BH-13	S	4.15.26	12:10	4	Grab/	1	X	X	X								
BH-13	S	4.15.26	12:15	6	Grab/	1	X	X	X						X		
BH-14	S	4.15.26	12:20	0.5	Grab/	1	X	X	X								
BH-14	S	4.15.26	12:25	2	Grab/	1	X	X	X								
BH-14	S	4.15.26	12:30	4	Grab/	1	X	X	X								
BH-14	S	4.15.26	12:35	6	Grab/	1	X	X	X						X		

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		8:23 4/16			



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 3 of 4

Project Manager:	Gilbert Moreno	Bill to: (if different)	Ryan Reich
Company Name:	Earth Systems R&R	Company Name:	Energy Transfer
Address:	1910 Resource Ct.	Address:	
City, State ZIP:	Carlsbad, NM, 88220	City, State ZIP:	
Phone:	832-541-7719	Email:	gmoreno@earthsys.net, sqiron@earthsys.net

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

Project Name:	Double X Federal #4 Lact	Turn Around	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number:	9249															None: NO	DI Water: H ₂ O	
Project Location:	Lea County, NM	Due Date:	Routine TAT													Cool: Cool	MeOH: Me	
Sampler's Name:	Santiago Giron, Michael Benini	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN
CC/ WO #:	TBD															H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank: ☒ No	Wet Ice:	Yes ☐ No ☒													H ₃ PO ₄ : HP		
Samples Received Intact:	☒ Yes ☐ No	Thermometer ID:	7110007													NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes ☐ No ☒	Correction Factor:	-0.2													Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes ☐ No ☒	Temperature Reading:	-11.6													Zn Acetate+NaOH: Zn		
Total Containers:		Corrected Temperature:	-11.4													NaOH+Ascorbic Acid: SAPC		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	TPH-NM	Chloride-NM	BTEX-NM	TDS	Cation/ Anion	TCLP-Metals	TCLP- BTEX	TCLP- RCI	Hold	24 Hr Rush	Sample Comments
BH-15	S	4.15.26	12.40	0.5	Grab/ 1	1	X	X	X								Incident Number nAPP2430350715
BH-15	S	4.15.26	12.45	2	Grab/ 1	1	X	X	X								
BH-15	S	4.15.26	12.50	4	Grab/ 1	1	X	X	X								
BH-15	S	4.15.26	12.55	6	Grab/ 1	1	X	X	X						X		
BH-16	S	4.15.26	13.00	0.5	Grab/ 1	1	X	X	X								
BH-16	S	4.15.26	13.05	2	Grab/ 1	1	X	X	X								
BH-16	S	4.15.26	13.10	4	Grab/ 1	1	X	X	X								
BH-16	S	4.15.26	13.15	6	Grab/ 1	1	X	X	X						X		
BH-18	S	4.15.26	13.40	0.5	Grab/ 1	1	X	X	X								
BH-18	S	4.15.26	13.45	2	Grab/ 1	1	X	X	X								

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		8:23 7/16/2			



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 4 of 5

Project Manager:	Gilbert Moreno	Bill to: (if different)	Ryan Reich
Company Name:	Earth Systems R&R	Company Name:	Energy Transfer
Address:	1910 Resource Ct	Address:	
City, State ZIP:	Carlsbad, NM, 88220	City, State ZIP:	
Phone:	832-541-7719	Email:	gmoren@earthsys.net, saron@earthsys.net

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

Project Name:	Double X Federal #4 Lact	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST		Preservative Codes
Project Number:	9249							None: NO DI Water: H ₂ O
Project Location:	Lea County, NM	Due Date:	Routine TAT					Cool: Cool MeOH: Me
Sampler's Name:	Santiago Giron, Michael Benini	TAT starts the day received by the lab, if received by 4:30pm						HCL: HC HNO ₃ : HN
CC/ WO #:	TBD							H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank: Yes No	Wet Ice: Yes No						H ₃ PO ₄ : HP
Samples Received Intact:	Yes No	Thermometer ID:	TM007					NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes No	Correction Factor:	-0.2					Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	Yes No	Temperature Reading:	11.6					Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temperature:	-11.6					NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	TPH-NM	Chloride-NM	BTEX-NM	TDS	Cation/ Anion	TCLP-Metals	TCLP- BTEX	TCLP- RCI	Hold	24 Hr Rush	Sample Comments
BH-18	S	4.15.26	13:50	4	Grab/	1	X	X	X								Incident Number nAPP2430350715
BH-18	S	4.15.26	13:55	6	Grab/	1	X	X	X						X		
BH-19	S	4.15.26	14:00	0.5	Grab/	1	X	X	X								
BH-19	S	4.15.26	14:05	2	Grab/	1	X	X	X								
BH-19	S	4.15.26	14:10	4	Grab/	1	X	X	X								
BH-19	S	4.15.26	14:15	6	Grab/	1	X	X	X						X		
BH-20	S	4.15.26	14:20	0.5	Grab/	1	X	X	X								
BH-20	S	4.15.26	14:25	2	Grab/	1	X	X	X								
BH-20	S	4.15.26	14:30	4	Grab/	1	X	X	X								
BH-20	S	4.15.26	14:35	6	Grab/	1	X	X	X						X		

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	8:23 4/18			
3 <i>[Signature]</i>					
5					

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	Lab Pk:	Carrier Tracking No(s):		COC No:													
Client Contact:		N/A	Teel, Brianna	N/A		890-6818-1													
Shipping/Receiving:		Phone:	E-Mail:	State of Origin:		Page:													
Company:		N/A	Brianna.Teel@eurofins.com	Texas		Page 1 of 5													
Eurofins Environment Testing South Cent		Accreditations Required (See note):		NELAP - Texas		Job #:													
Address:		Due Date Requested:		Analysis Requested		Preservation Codes:													
1211 W. Florida Ave.		4/22/2026				890-9791-1													
City:	Midland	TAT Requested (days):	N/A																
State, Zip:	TX, 79701	PO #:	N/A																
Phone:	432-704-5440(Tel)	WO #:	N/A																
Email:	N/A	Project #:	88002909																
Project Name:	DOUBLE X FEDERAL #4 LACT	Site:	SSOW#																
N/A		N/A																	
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Solid, O=Other, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total BTEX GCVCopy Analytes	8021B/5035FP_CalcBTEX	300_ORGFM_28D/DI_LEACHChloride	8015MOD_Calc(MOD) Copy Analytes	8015MOD_NM/8015NM_S_Prep8015 NM	Total BTEX GCVCopy Analytes (Hold)	8021B/5035FP_CalcBTEX (Hold)	300_ORGFM_28D/DI_LEACHChloride (Hold)	8015MOD_Calc(MOD) Copy Analytes (Hold)	8015MOD_NM/8015NM_S_Prep8015 NM (Hold)	Total Number of containers	Special Instructions/Note:
BH - 10 (890-9791-1)	4/15/26	11:00	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1	
BH - 10 (890-9791-2)	4/15/26	11:05	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1	
BH - 10 (890-9791-3)	4/15/26	11:10	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1	
BH - 10 (890-9791-4)	4/15/26	11:15	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1	
BH - 11 (890-9791-5)	4/15/26	11:20	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1	
BH - 11 (890-9791-6)	4/15/26	11:25	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1	
BH - 11 (890-9791-7)	4/15/26	11:30	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1	
BH - 11 (890-9791-8)	4/15/26	11:35	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1	
BH - 12 (890-9791-9)	4/15/26	11:40	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/estimation being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (Specify) _____ Primary Deliverable Rank: 2 _____

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: *Swan* Date/Time: *4/16 16:30* Company: _____ Received by: *Teel* Date/Time: *4-17-26 800* Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: ☐ Yes ☐ No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements: _____

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)				Sample:	Lab PM:	COC No:
Client Contact:	Shipping/Receiving	Phone:	N/A	Teel, Brianna	N/A	890-6818.2
Company:	Eurofins Environment Testing South Cent	E-Mail:	Brianna.Teel@eurofins.com	State of Origin:	Texas	Page 2 of 5
Address:	1211 W. Florida Ave.	Due Date Requested:	4/22/2026	Accreditations Required (See note)	NE LAP - Texas	Job #: 890-9791-1
City:	Midland	TAT Requested (days):	N/A	Analysis Requested		Preservation Codes:
State, Zip:	TX, 79701	PO #:	N/A	Total Number of containers		
Phone:	432-704-5440(Tel)	WO #:	N/A	Field Filtered Sample (Yes or No)		
Email:	N/A	Project #:	88002909	Perform MS/MSD (Yes or No)		
Project Name:	DOUBLE X FEDERAL #4 LACT	Site:	SSOW#:	Total_BTEx_GCVCopy Analytes		
				8021B/5035FP_CalcBTEx		
				300_ORGFM_28D/DI_LEACHChloride		
				8015MOD_Calc(MOD) Copy Analytes		
				8015MOD_NM/8015NM_S_Prep8015 NM		
				Total_BTEx_GCVCopy Analytes (Hold)		
				8021B/5035FP_CalcBTEx (Hold)		
				300_ORGFM_28D/DI_LEACHChloride (Hold)		
				8015MOD_Calc(MOD) Copy Analytes (Hold)		
				8015MOD_NM/8015NM_S_Prep8015 NM (Hold)		
				Total Number of containers		
Sample Identification - Client ID (Lab ID)				Special Instructions/Note:		
BH - 12 (890-9791-10)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Pre-wet, S=solid, Over-satd, BTT-Tissue, A=Air)		
BH - 12 (890-9791-11)	4/15/26	11:45	G	Solid	X	1
BH - 12 (890-9791-12)	4/15/26	11:50	G	Solid	X	1
BH - 13 (890-9791-13)	4/15/26	11:55	G	Solid	X	1
BH - 13 (890-9791-14)	4/15/26	12:00	G	Solid	X	1
BH - 13 (890-9791-15)	4/15/26	12:05	G	Solid	X	1
BH - 13 (890-9791-16)	4/15/26	12:10	G	Solid	X	1
BH - 14 (890-9791-17)	4/15/26	12:20	G	Solid	X	1
BH - 14 (890-9791-18)	4/15/26	12:25	G	Solid	X	1

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other institutions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (Specify) _____ Primary Deliverable Rank: 2

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____ Months

Relinquished by: *Brian* Date/Time: *4/16/16 30* Company: _____ Received by: *BT* Date/Time: *4-17-26 800* Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: _____ Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

Δ Yes Δ No

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Teel, Brianna	Carrier Tracking No(s): N/A	COC No: 890-6818.3																
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Brianna.Teel@eurofins.com	State of Origin: Texas	Page: 3 of 5																	
Company: Eurofins Environment Testing South Cent		Accreditations Required (See note): NELAP - Texas		Job #: 890-9791-1	Preservation Codes:																
Address: 1211 W. Florida Ave.		Due Date Requested: 4/22/2026		Analysis Requested																	
City: Midland	State, Zip: TX, 79701	TAT Requested (days): N/A																			
Phone: 432-704-5440(Tel)	PO #: N/A																				
Email: N/A	WO #: N/A																				
Project Name: DOUBLE X FEDERAL #4 LACT	Project #: 88002909																				
Site: N/A	SSON#: N/A			Other: N/A																	
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=Organic, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total BTEX_GCV Copy Analytes	8021B/5035FP_CalcBTEX	300_ORGFM_28D/DI_LEACHChloride	8015MOD_Calc(MOD) Copy Analytes	8015MOD_NM/8015NM_S_Prep8015 NM	Total BTEX_GCV Copy Analytes (Hold)	8021B/5035FP_CalcBTEX (Hold)	300_ORGFM_28D/DI_LEACHChloride (Hold)	8015MOD_Calc(MOD) Copy Analytes (Hold)	8015MOD_NM/8015NM_S_Prep8015 NM (Hold)	Total Number of containers	Special Instructions/Note:		
BH - 14 (890-9791-19)	4/15/26	12:30	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1			
BH - 14 (890-9791-20)	4/15/26	12:35	Central	G	Solid													1			
BH - 15 (890-9791-21)	4/15/26	12:40	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1			
BH - 15 (890-9791-22)	4/15/26	12:45	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1			
BH - 15 (890-9791-23)	4/15/26	12:50	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1			
BH - 15 (890-9791-24)	4/15/26	12:55	Central	G	Solid													1			
BH - 16 (890-9791-25)	4/15/26	13:00	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1			
BH - 16 (890-9791-26)	4/15/26	13:05	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1			
BH - 16 (890-9791-27)	4/15/26	13:10	Central	G	Solid	X	X	X	X	X	X	X	X	X	X	X	X	1			
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontracted laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the state of origin listed above for analysis, the sample must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other institutions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.																					
Possible Hazard Identification		☐ Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																			
Unconfirmed																					
Deliverable Requested: I, II, III, IV, Other (specify)		Primary Deliverable Rank: 2		Special Instructions/QC Requirements:																	
Empty Kit Relinquished by: <i>Burns</i>		Date: <i>4/16/26</i>	Time: <i>1630</i>	Company: <i>Central</i>	Received by: <i>Teel</i>															Date/Time: <i>4-17-26</i>	Company: <i>800</i>
Relinquished by:		Date/Time:	Company:	Received by:															Date/Time:	Company:	
Relinquished by:		Date/Time:	Company:	Received by:															Date/Time:	Company:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:																	

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)				Sampler:	Lab PM:	Carrier Tracking Note(s):	COC No:															
Client Contact:				N/A	Teel, Brianna	N/A	890-6618.4															
Shipping/Receiving				Phone:	E-Mail:	State of Origin:	Page:															
Eurofins Environment Testing South Cent				N/A	Brianna.Teel@eurofins.com	Texas	Page 4 of 5															
Address:				Due Date Requested:	Accreditations Required (See note):		Job #:															
1211 W. Florida Ave.				4/22/2026	NELAP - Texas		890-9791-1															
City:				TAT Requested (days):	Preservation Codes:																	
Midland				N/A																		
State, Zip:																						
TX, 79701																						
Phone:				PO #:																		
432-704-5440(Tel)				N/A																		
Email:				WO #:																		
N/A				N/A																		
Project Name:				Project #:																		
DOUBLE X FEDERAL #4 LACT				88002909																		
Site:				SSOW#:																		
N/A				N/A																		
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (W=Water, S=Solid, O=Overhaul, BT=Trace, A=Alt)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total_BTEX_GCVCopy Analytes	8021B/5035FP_CalcBTEX	300_ORGFM_28D/DI_LEACHChloride	8015MOD_Calc(MOD) Copy Analytes	8015MOD_NM/8015NM_S_Prep8015 NM	Total_BTEX_GCVCopy Analytes (Hold)	8021B/5035FP_CalcBTEX (Hold)	300_ORGFM_28D/DI_LEACHChloride (Hold)	8015MOD_Calc(MOD) Copy Analytes (Hold)	8015MOD_NM/8015NM_S_Prep8015 NM (Hold)	Total Number of containers	Special Instructions/Note:	
BH - 16 (890-9791-28)				4/15/26	13:15	Central	G	Solid							X	X	X	X			1	
BH - 18 (890-9791-29)				4/15/26	13:40	Central	G	Solid		X	X	X	X								1	
BH - 18 (890-9791-30)				4/15/26	13:45	Central	G	Solid		X	X	X	X								1	
BH - 18 (890-9791-31)				4/15/26	13:50	Central	G	Solid		X	X	X	X								1	
BH - 18 (890-9791-32)				4/15/26	13:55	Central	G	Solid						X	X	X	X				1	
BH - 19 (890-9791-33)				4/15/26	14:00	Central	G	Solid		X	X	X	X								1	
BH - 19 (890-9791-34)				4/15/26	14:05	Central	G	Solid		X	X	X	X								1	
BH - 19 (890-9791-35)				4/15/26	14:10	Central	G	Solid		X	X	X	X								1	
BH - 19 (890-9791-36)				4/15/26	14:15	Central	G	Solid						X	X	X	X				1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (Specify) Primary Deliverable Rank: 2

Empty Kit Relinquished by: *Burns* Date: *4/16/26* Time: *1630* Company: *Company*

Relinquished by: *Burns* Date/Time: *4/16/26* Company: *Company*

Relinquished by: *Burns* Date/Time: *4/16/26* Company: *Company*

Custody Seals Intact: *Δ Yes Δ No* Custody Seal No.: *Δ Yes Δ No*

Cooler Temperature(s) °C and Other Remarks:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months

Special Instructions/QC Requirements:

Method of Shipment: *4-17-26 800* Company: *Company*

Received by: *dlc* Date/Time: *4-17-26* Company: *Company*

Received by: *dlc* Date/Time: *4-17-26* Company: *Company*

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Eurofins Carlsbad

1089 N Canal St
Carlsbad, NM 88220

Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact:	N/A	Phone:	Teel, Brianna	N/A	890-6818.5
Shipping/Receiving:	N/A	E-Mail:	Brianna.Teel@eurofins.com	State of Origin:	Page: 5 of 5
Company: Eurofins Environment Testing South Central		Accreditations Required (See note): NELAP - Texas		Job #: 890-9791-1	
Address: 1211 W. Florida Ave.		Due Date Requested:	Preservation Codes:		
City: Midland		4/22/2026			
State, Zip: TX, 79701		TAT Requested (days):	Analysis Requested		
Phone: 432-704-5440(Tel)		N/A			
Email: N/A		PO #:			
Project Name: DOUBLE X FEDERAL #4 LACT		WO #:			
Site: N/A		Project #: 88002909			
		SSOV#: N/A			
		Field Filtered Sample (Yes or No)			
		Perform MS/MSD (Yes or No)			
		Total_BTEX_GCVCopy Analytes			
		8021B/5035FP_CalcBTEX			
		300_ORGFM_28D/DI_LEACHChloride			
		8015MOD_Calc(MOD) Copy Analytes			
		8015MOD_NM/8015NM_S_Prep8015 NM			
		Total_BTEX_GCVCopy Analytes (Hold)			
		8021B/5035FP_CalcBTEX (Hold)			
		300_ORGFM_28D/DI_LEACHChloride (Hold)			
		8015MOD_Calc(MOD) Copy Analytes (Hold)			
		8015MOD_NM/8015NM_S_Prep8015 NM (Hold)			
		Total Number of containers			
		Special Instructions/Note:			
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Weibull, Solid, Organic, BTEX, ARA)
BH - 20 (890-9791-37)	4/15/26	14:20	Central	G	Solid
BH - 20 (890-9791-38)	4/15/26	14:25	Central	G	Solid
BH - 20 (890-9791-39)	4/15/26	14:30	Central	G	Solid
BH - 20 (890-9791-40)	4/15/26	14:35	Central	G	Solid
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.					
Possible Hazard Identification					
Unconfirmed					
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2					
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____					
Relinquished by: _____ Date/Time: 4/11/16 16:30 Company: _____ Received by: _____ Date/Time: 4/17/26 8:00 Company: _____					
Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____					
Custody Seals Intact: ☐ Yes ☐ No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____					

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9791-1

SDG Number: Lea County, NM

Login Number: 9791

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9791-1

SDG Number: Lea County, NM

Login Number: 9791

List Number: 2

Creator: Dyal, Erica

List Source: Eurofins Midland

List Creation: 04/17/26 05:43 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Micro-Blaze[®]

Emergency Liquid Spill Control

PRODUCT INFORMATION

EMERGENCY LIQUID SPILL CONTROL (ELSC)

**REMIEDIATES (LIST NOT EXHAUSTIVE)**

- Acetone
- Acrylonitrile
- AFFF Waste
- Anti-Freeze
- Aviation Fuels
- Benzene & Benzene Compounds
- Crude Oil
- Diesel Fuel
- Dimethylformamide
- Fats
- Gasoline
- Grease
- Glycols
- Hydrocarbon Waste
- Kerosene
- Methanol
- Methyl Tertiary Butyl Ether (MTBE)
- Motor Oil
- Odor
- Organic Chemical Waste
- Organic Waste
- Paint Sludge
- Pipeline Condensation
- Polyurethane Resin Waste
- Sludge
- Toluene

Micro-Blaze®

Emergency Liquid Spill Control

Micro-Blaze® Emergency Liquid Spill Control is a safe, non-toxic, microbial formulation used for the bioremediation of hydrocarbons and other organic compounds. It breaks down, degrades, and digests organic waste while also suppressing vapors and eliminating flammability. The proprietary combination of wetting agents, nutrients, and microbes makes it an ideal formulation for use on many pollutants found in spills and contaminated sites.

Our microbes are naturally occurring, not genetically engineered, and found in soils and waters all over the earth. These microbes have been carefully researched, tested, and chosen for their affinity to degrade hydrocarbons and other organic waste.

USES

- Clean up hydrocarbon spills/leaks
- Soil bioremediation
- Vapor suppression
- Equipment, tank, and pipeline cleaning

BENEFITS

- Safe and cost-effective method for in-situ bioremediation of contaminated soils and water
- Elimination of vapors and LELs, creating a safe working environment
- Residue and runoff can be safely sent to industrial and municipal WWTPs
- 10-year shelf life and easy to use concentrate make it convenient to maintain on hand for future emergencies or everyday usage
- Listed on EPA NCP List as a bioremediation agent for 30 years*

** This listing does not mean the EPA approves, recommends, licenses, certifies or authorizes the use of Micro-Blaze® Emergency Liquid Spill Control or any other product on an oil discharge. This listing only means that data has been submitted to EPA as required by subpart J of the NCP §300.915.*

Product Details**Appearance:**

Cream to tan, opaque liquid, perfumed

pH:

7.0 - 8.0

Shelf Life:

10 Years

Storage:

Avoid temperatures over 48°C for long periods of time. Avoid prolonged freezing.

CAUTION: KEEP OUT OF REACH OF CHILDREN.
Do not take internally. Avoid contact with eyes. Wash thoroughly after handling. Avoid breathing mist. Contains surfactants (soaps) which may irritate eyes or respiratory system. Use with adequate ventilation.

APPLICATION

Micro-Blaze® is a liquid concentrate and must be diluted before application.

DILUTION

Dilute with water between a 3% solution (3 parts Micro-Blaze®, 97 parts water) and a 10% solution (10 parts Micro-Blaze®, 90 parts water). Shake well before dilution and before application.

APPLICATION

Spray the diluted Micro-Blaze® directly onto the contamination with as much agitation as possible until the area is completely saturated. You can use any delivery system/sprayer, such as hand-held sprayers, fire extinguishers, power washers, CAFS systems, and water trucks.

For soil remediation, tilling the soil after application will help in achieving optimal results, though it is not required where not feasible.

HOW MUCH MICRO-BLAZE® DO I NEED?

1 gallon of Micro-Blaze® concentrate, after diluted, will treat either of the following:

- 10 gallons of spilled contamination
- 500 – 700 square feet of contaminated surface
- 5 – 7 cubic yards of contaminated soil

Contact a Micro-Blaze® sales representative for any additional application questions:
technical@micro-blaze.com

PRODUCT SIZES & SPECS



1 Gallon Pail

SKU	MBELSC-1
Dimensions	8"x8"x12"
Weight	9lbs



5 Gallon Pail

SKU	MBELSC-5
Dimensions	12"x12"x15"
Weight	47 lbs
	36 pails /pallet



55 Gallon Drum

SKU	MBELSC-55
Dimensions	24"x 24"x35"
Weight	500 lbs
	4 drums/pallet



275 Gallon Tote

SKU	MBELSC-275
Dimensions	40"x48"x45"
Weight	2,500 lbs



330 Gallon Tote

SKU	MBELSC-330
Dimensions	40"x48"x54"
Weight	3,000 lbs

RELATED PRODUCTS:

CONCRETE STAIN REMOVER (CSR)



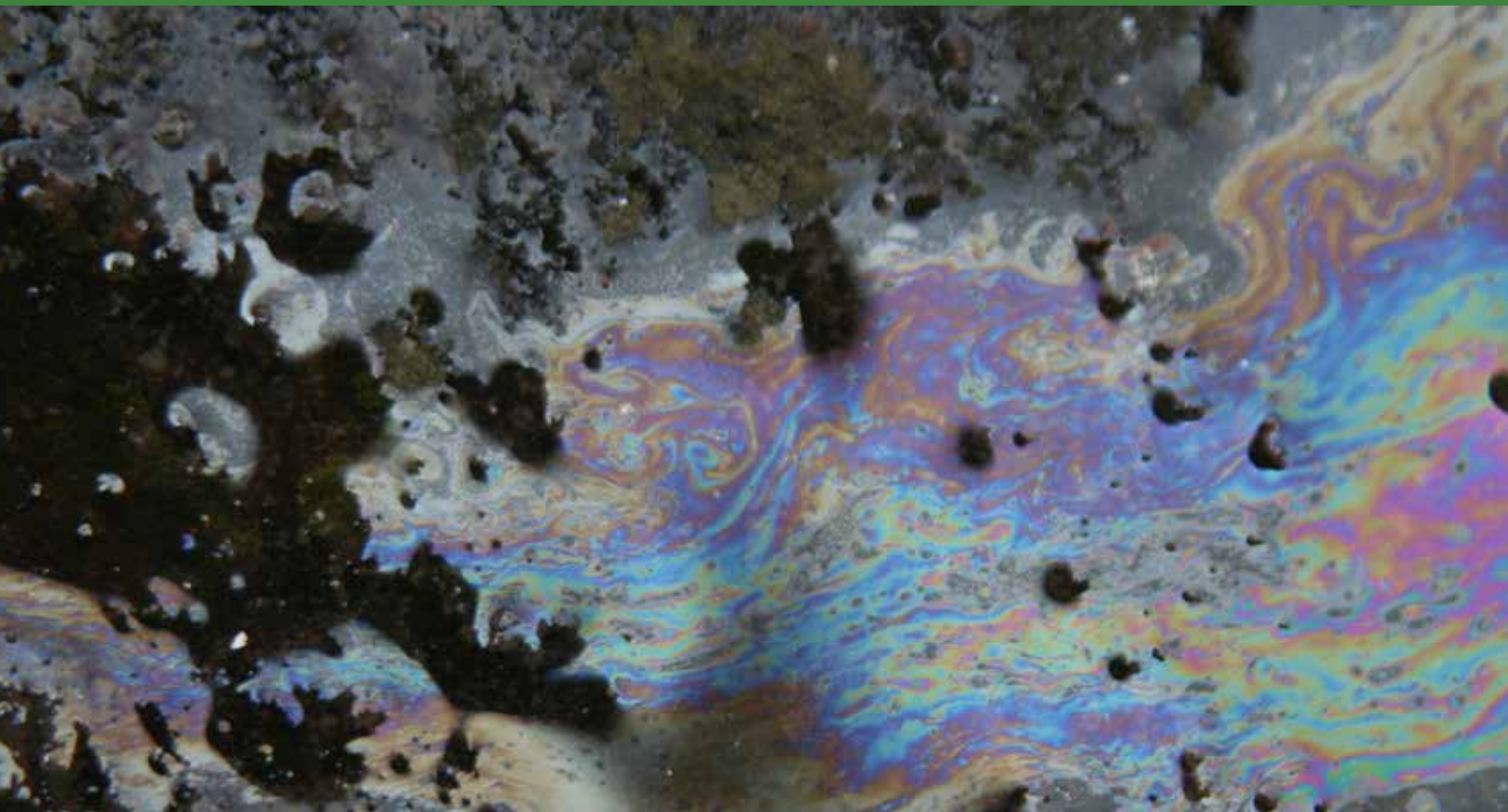
NON-FORMULATED



**SCAN FOR MSDS
FOR ALL PRODUCTS**

PARTNERING WITH NATURE

FOR A CLEANER TOMORROW



Verde Environmental, Inc.

9223 Eastex Freeway
Houston, TX 77093

Office: 713.691.6468
Toll Free: 800.626.6598

www.micro-blaze.com



Version 0522



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5 Gallon Pail

\$180.00

This container of **Evergreen Oil Eliminator** is a non-toxic natural solution of 6.8 trillion CFUs of seven select microbes that digest petroleum hydrocarbons including oils, fuels, and greases into non-toxic byproducts. This formula is specifically formulated to drastically decrease remediation time for released petroleum products present in soils and water.

Evergreen Oil Eliminator is a Concentrate

Directions:

For Soil: Dilute 1 gallon of Evergreen Oil Eliminator with 19 gallons of fresh water before application. Apply diluted solution to the petroleum product release area at a rate of 1 gallon to 50 square feet or 1 cubic yard of soil . For best results, thoroughly blend into the petroleum product release area.

For Water: Dilute 1 gallon of Evergreen Oil Eliminator with 20 gallons of fresh water before application. Directly apply to water at a rate of 1 gallon diluted for every 50 gallons of water.

Caution: May cause mild eye and skin irritation. Avoid contact with eyes and skin. Do not ingest. Please read the Safety Data Sheets (SDS) prior to use.

—

1

+

Add To Cart

This container of **Evergreen Oil Eliminator** is a non-toxic natural solution of 6.8 trillion CFUs of seven select microbes that digest petroleum hydrocarbons including oils, fuels, and greases into non-toxic byproducts. This formula is specifically formulated to drastically decrease remediation time for released petroleum products present in soils and water.

Evergreen Oil Eliminator is a Concentrate

Directions:

For Soil: Dilute 1 gallon of Evergreen Oil Eliminator with 19 gallons of fresh water before application. Apply diluted solution to the petroleum product release area at a rate of 1 gallon to 50 square feet or 1 cubic yard of soil . For best results, thoroughly blend into the petroleum product release area.

For Water: Dilute 1 gallon of Evergreen Oil Eliminator with 20 gallons of fresh water before application. Directly apply to water at a rate of 1 gallon diluted for every 50 gallons of water.

Caution: May cause mild eye and skin irritation. Avoid contact with eyes and skin. Do not ingest. Please read the Safety Data Sheets (SDS) prior to use.

Evergreen Products, LLC, champions simplicity and effectiveness in spill response, mitigation, and remediation. We're dedicated to delivering streamlined solutions and exceptional service, ensuring confidence in every cleanup.



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 NMOCD'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:

- o Between ½ and 1 mile of any continuously flowing watercourse or any other significant watercourse;
- o Between ½ and 1 mile of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- o Between 1 and 5 miles of any occupied permanent residence, school, hospital, institution or church;
- o 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;
- o Between 1 and 5 miles of any other freshwater well or spring;
- o Greater than 5 miles of any incorporated municipal boundary or a defined municipal fresh water well field covered under a municipal ordinance;
- o Between ½ and 1 mile of any wetland;
- o Greater than 5 miles of any subsurface mine;
- o Between ½ and 1 mile of any unstable area (non-karst); and
- o 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



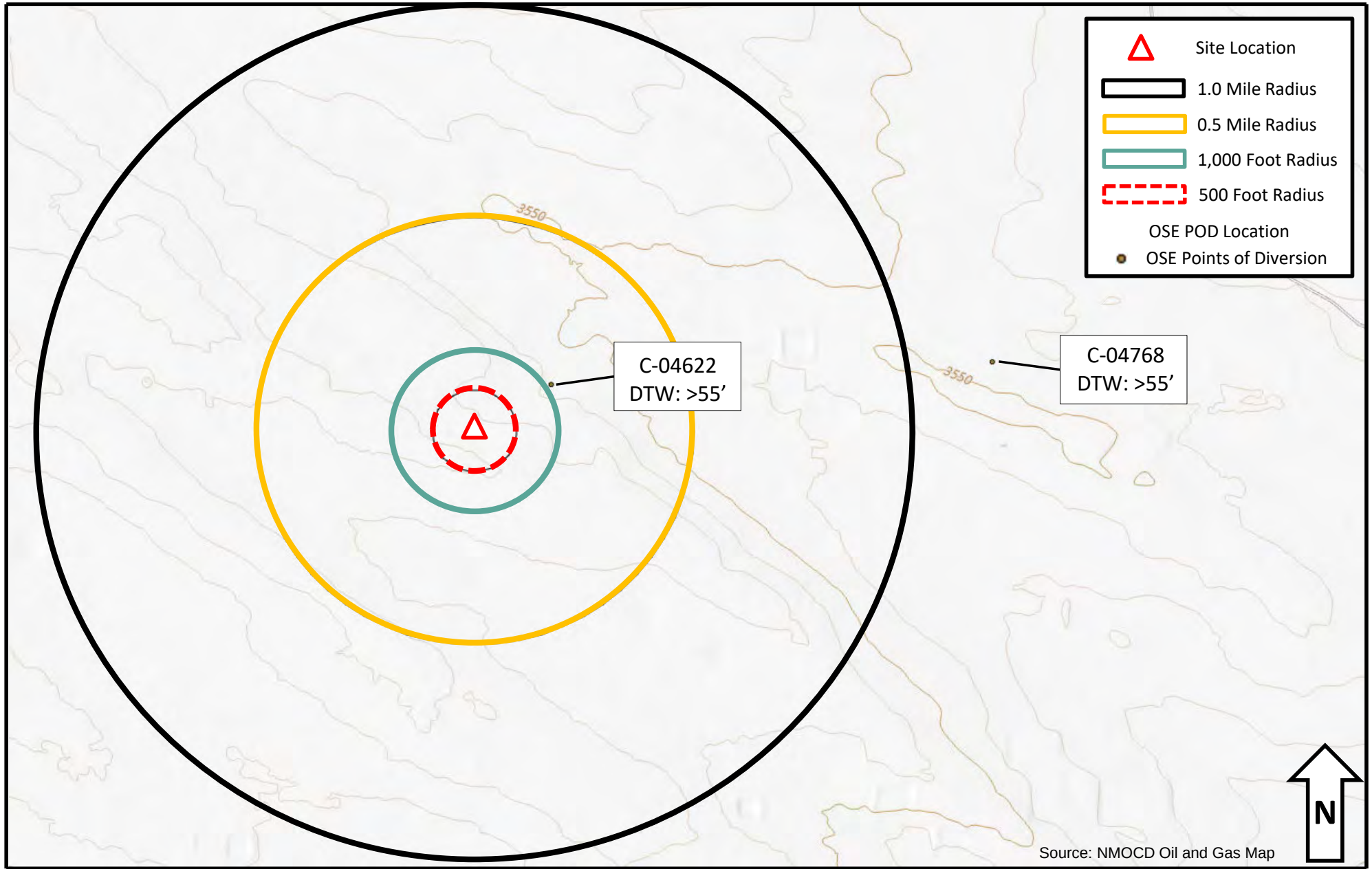


Figure 1A – Groundwater

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



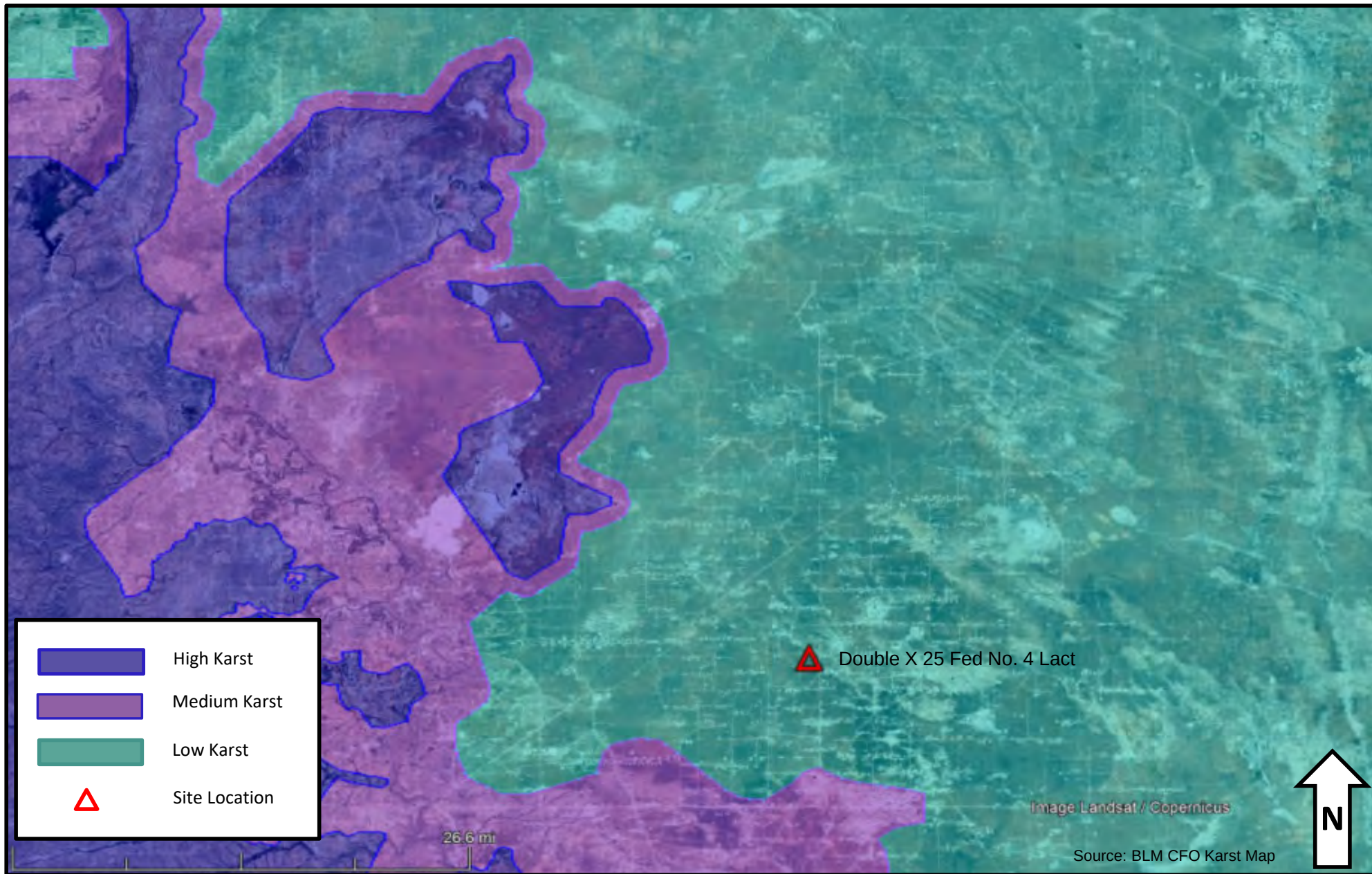


Figure 1B – Karst Potential

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



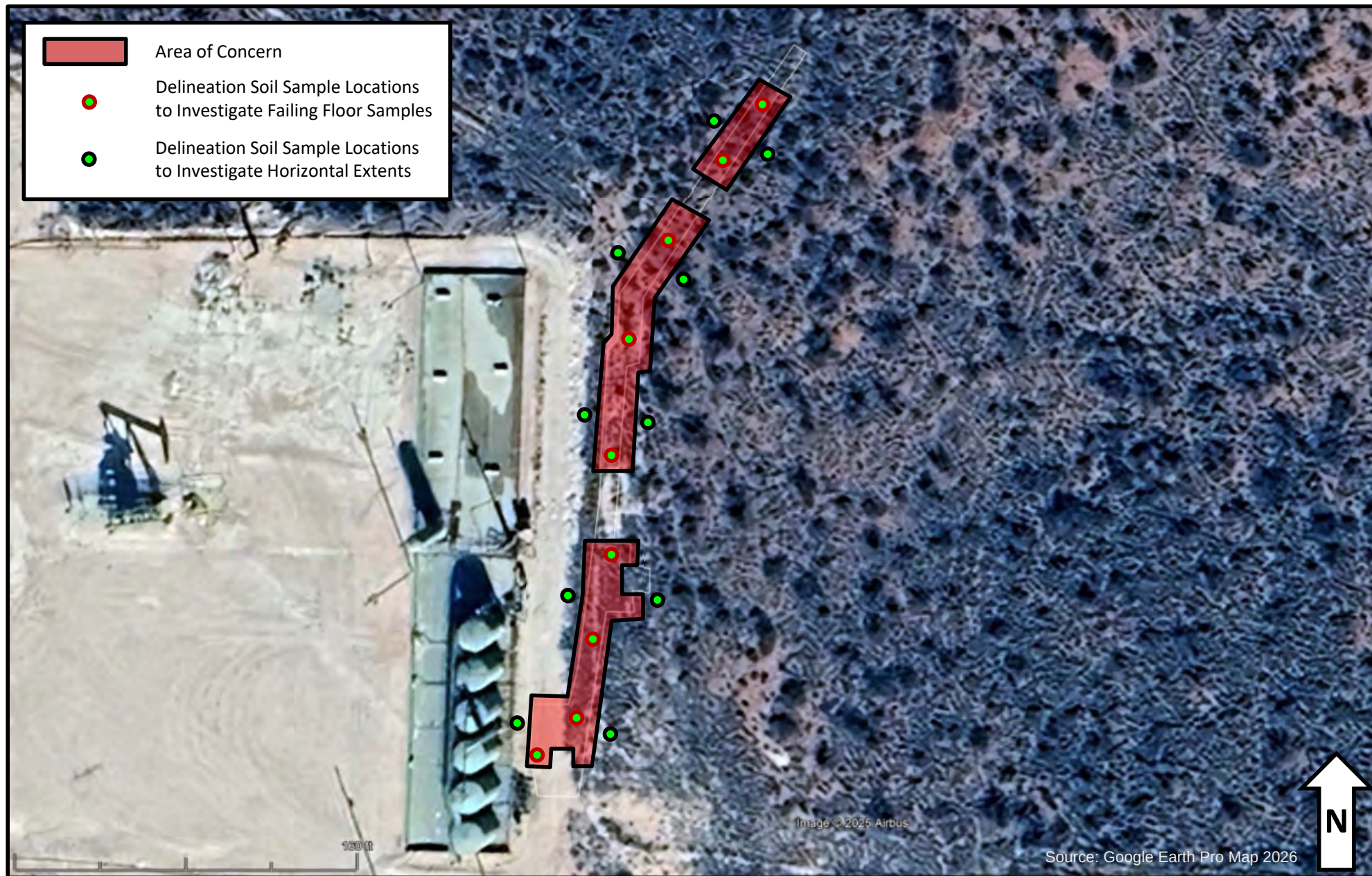


Figure 3 – Proposed Delineation Soil Sample Locations

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	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	37	36.41	W	* DATUM REQUIRED: WGS 84		
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: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		
	DATE STATIC MEASURED 6/13/2022							
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Hollow Stem Auger						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐	
	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

DEPTH (feet bgl)			THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES <i>(attach supplemental sheets to fully describe all units)</i>	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
0	4	4	Sand, Fine-grained, poorly graded, 2.5 YR 3/6, Dark Red	Y ✓ N		
4	13	9	Caliche, with Fine-grained sand, 7.5 YR 7/4, Pink	Y ✓ N		
13	34	21	Sand, Fine-grained, poorly graded, with Caliche, 7.5 YR 7/6, Reddish Yellow	Y ✓ N		
34	55	21	Sand, Fine-grained, poorly graded, unconsolidated, 7.5 YR 7/6, Reddish Yellow	Y ✓ N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
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				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm):	0.00
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 15 Bell Lake 24 Fed 4 USE ON JUN 16 2022 PM 3:08					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt					
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 6/16/2022 SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE					

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	C-4622-POD 1	POD NO.	1
LOCATION		TRN NO.	726166
24.32.24.334		WELL TAG ID NO.	—
		PAGE 2 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, appearing to read "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, appearing to read "Lucas Middleton".

Lucas Middleton

Enclosures: as noted above

QSE DII 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/oed>





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 2: Topographic Map
- Figure 3: Site Vicinity Map
- Figure 4: Site Map – Release Footprint
- Figure 5: Site Map – Delineation Sample Map (Floor)
- Figure 6: Site Map – Delineation Sample Map (Sidewall)
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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
- Figure C: 300 Foot Radius Occupied Structure Identification
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Appendix D – Tables

- Table 1 – Delineation Sampling Analytical Summary
- Table 2 – Confirmation Composite Floor Sampling Analytical Summary
- Table 3 – Confirmation Composite Sidewall Sampling Analytical Summary

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)

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Approximate Depth to Groundwater	314 feet bgs	
Within 300 feet of any continuously flowing watercourse or any significant watercourse	☐ Yes	☒ No
Within 200 feet of any lakebed, sinkhole or playa lake	☐ Yes	☒ No
Within 300 feet from an occupied residence, school, hospital, institution or church	☐ Yes	☒ 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	☐ Yes	☒ No
Within 1000 feet of any fresh water well or spring	☐ Yes	☒ 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	☐ Yes	☒ No
Within 300 feet of a wetland	☐ Yes	☒ No
Within the area overlying a subsurface mine	☐ Yes	☒ No
Within an unstable area (Karst Map)	☐ Yes	☒ No
Within a 100-year Floodplain	☐ Yes	☒ 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.,

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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 Hydrosorce 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

1/29/2025

ETC Texas Pipeline, LTD

Double X Federal #4 LACT Release (11/29/2024)

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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.

Closure Report

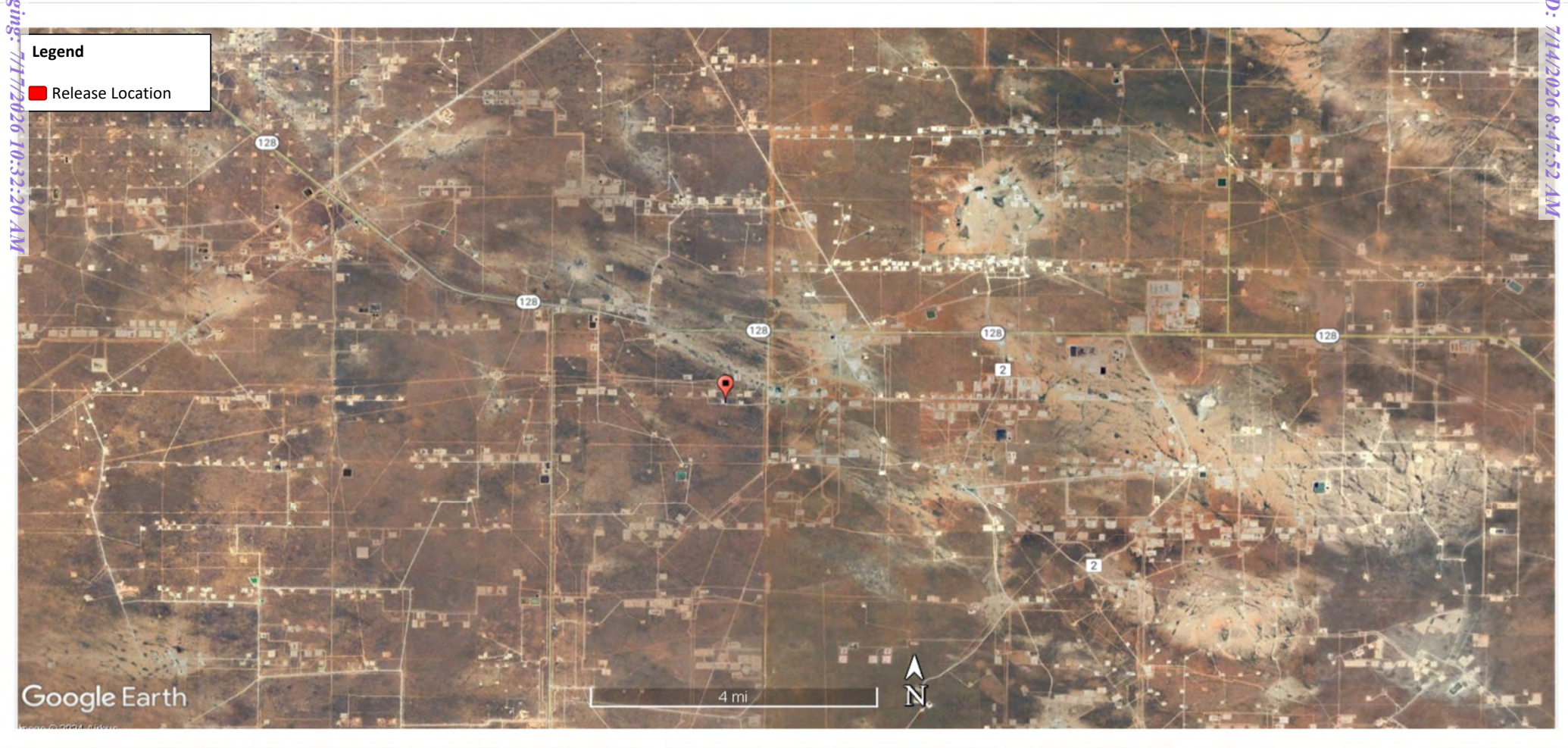
1/29/2025

ETC Texas Pipeline, LTD

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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



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

Figure 2



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

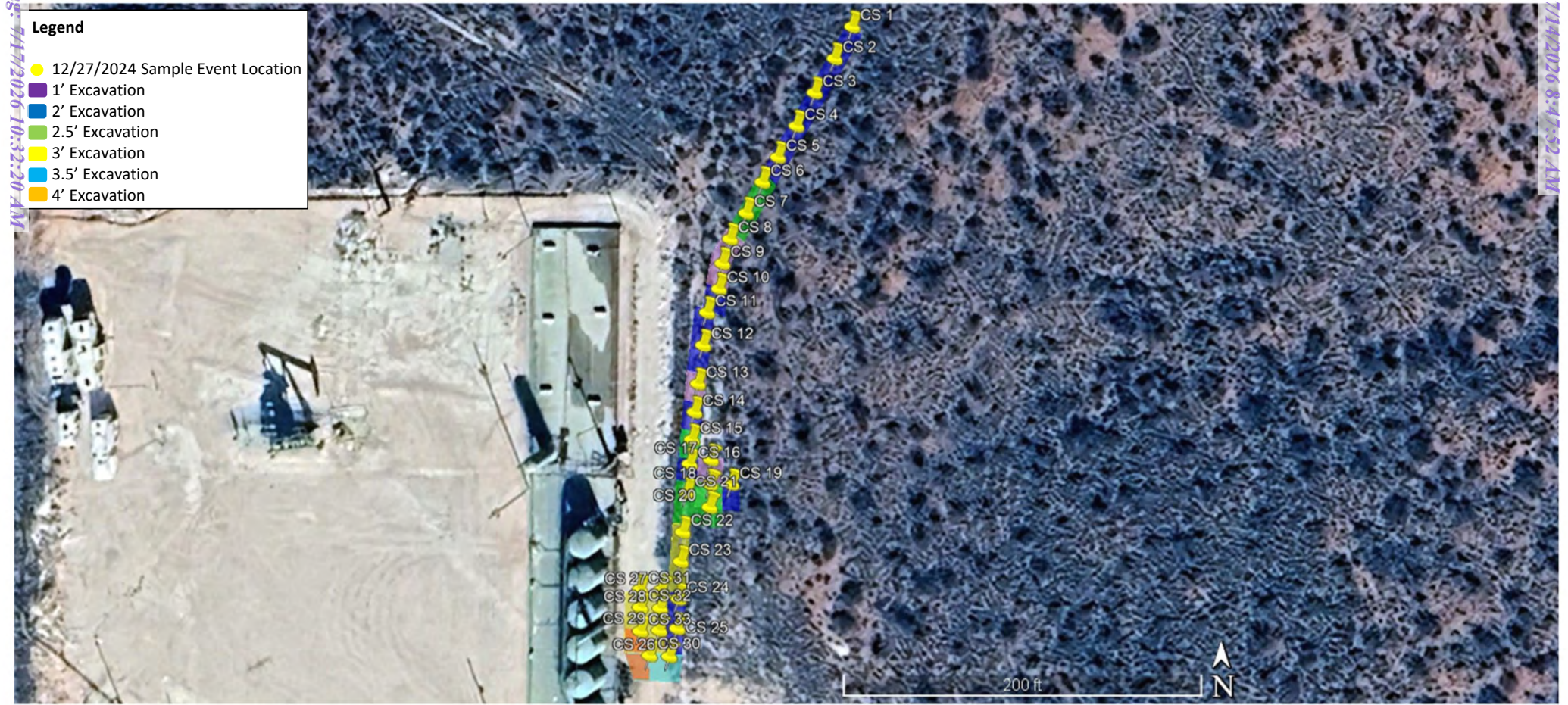
Figure 5



Site Map – Delineation Sample Map (Sidewall)

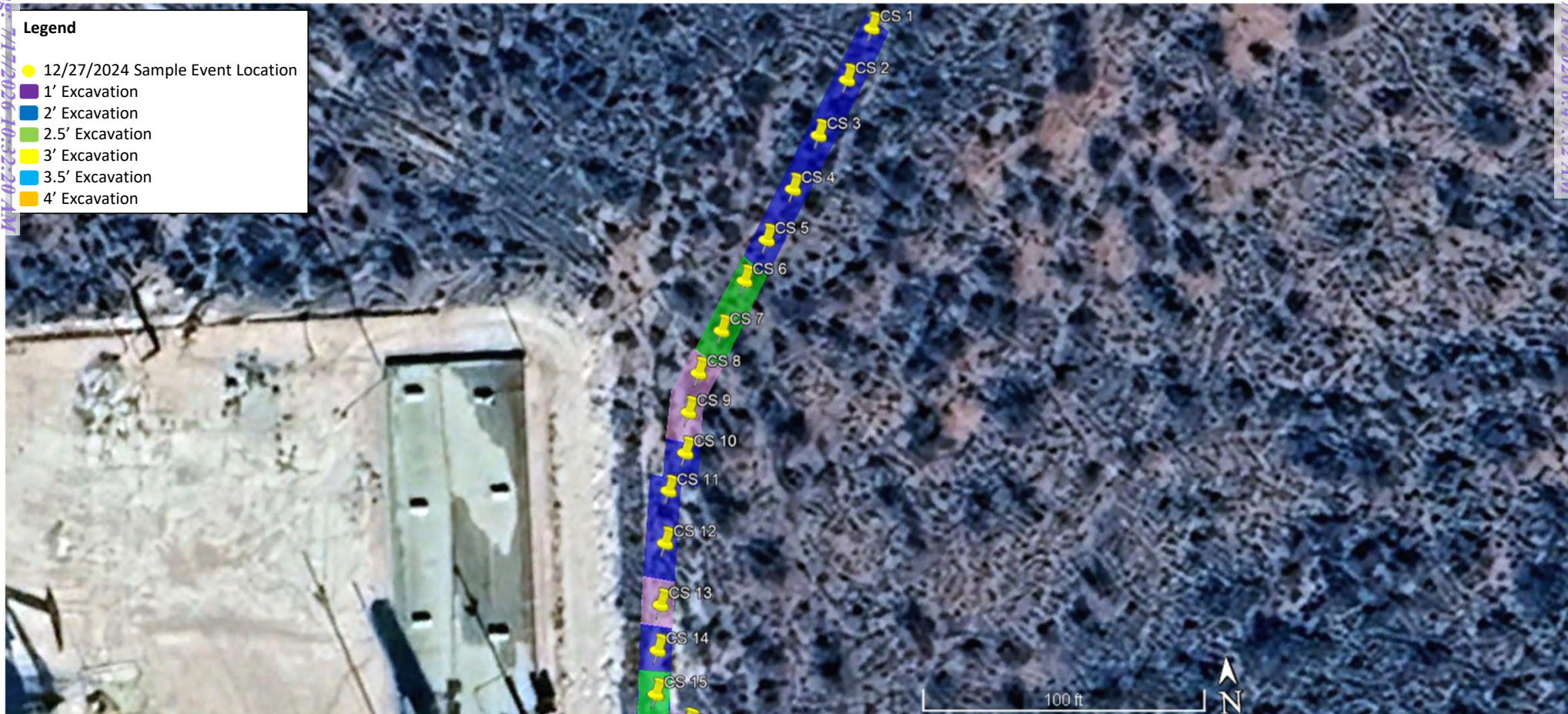
ETC Texas Pipeline, LTD.
Double X Federal #4 LACT Release
32.194681° N, 103.629765° W
Lea County, New Mexico

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

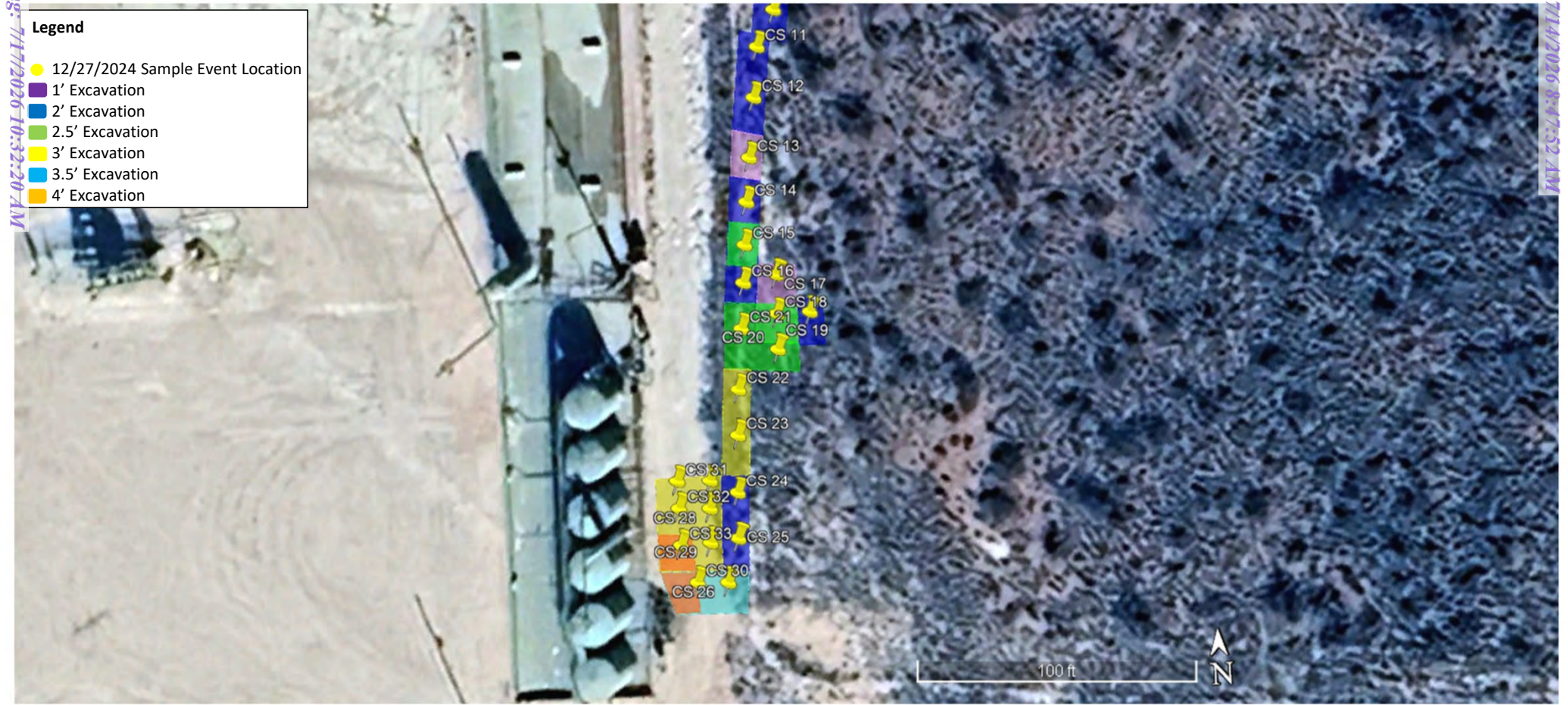
Figure 7



Site Map – Confirmation Sample Map (Floor)

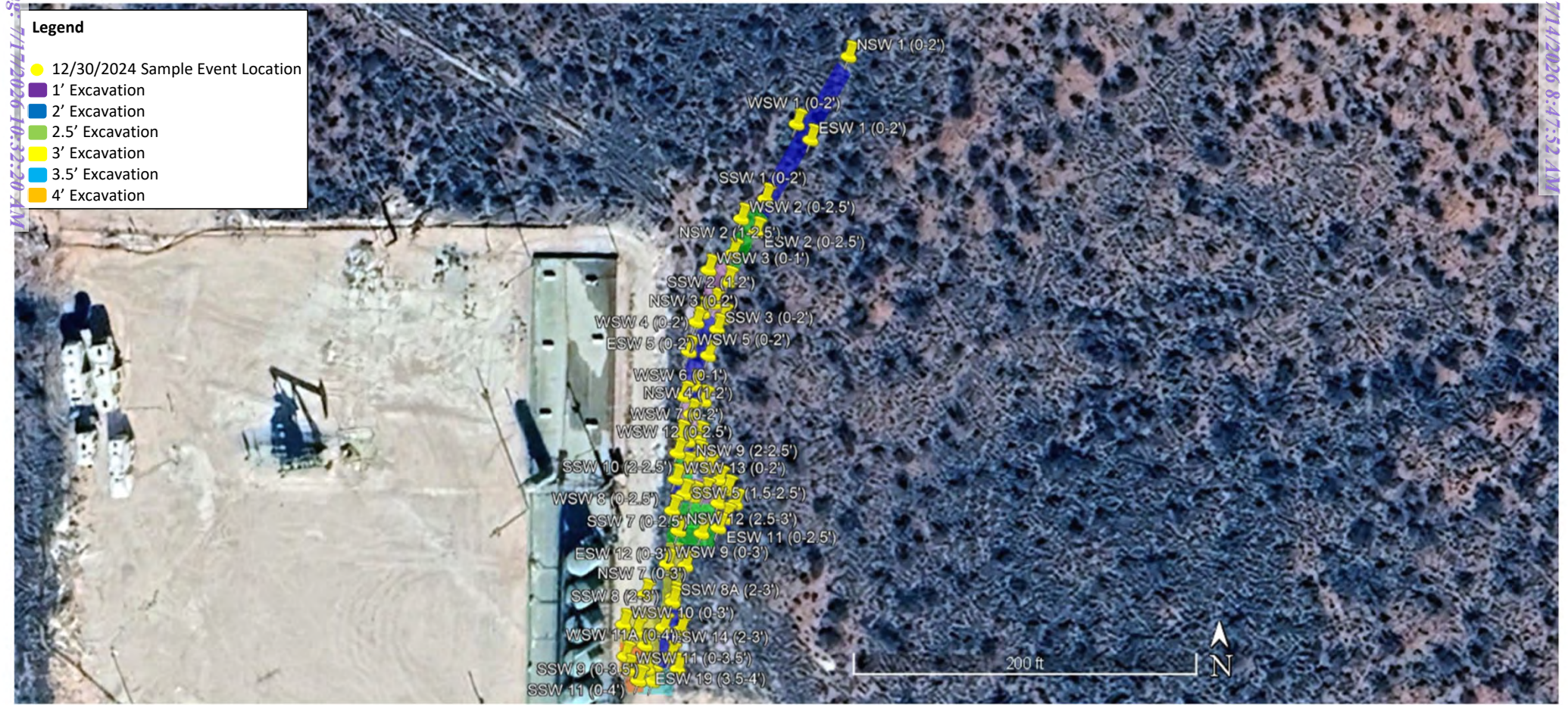
ETC Texas Pipeline, LTD.
Double X Federal #4 LACT Release
32.194681° N, 103.629765° W
Lea County, New Mexico

Figure 8



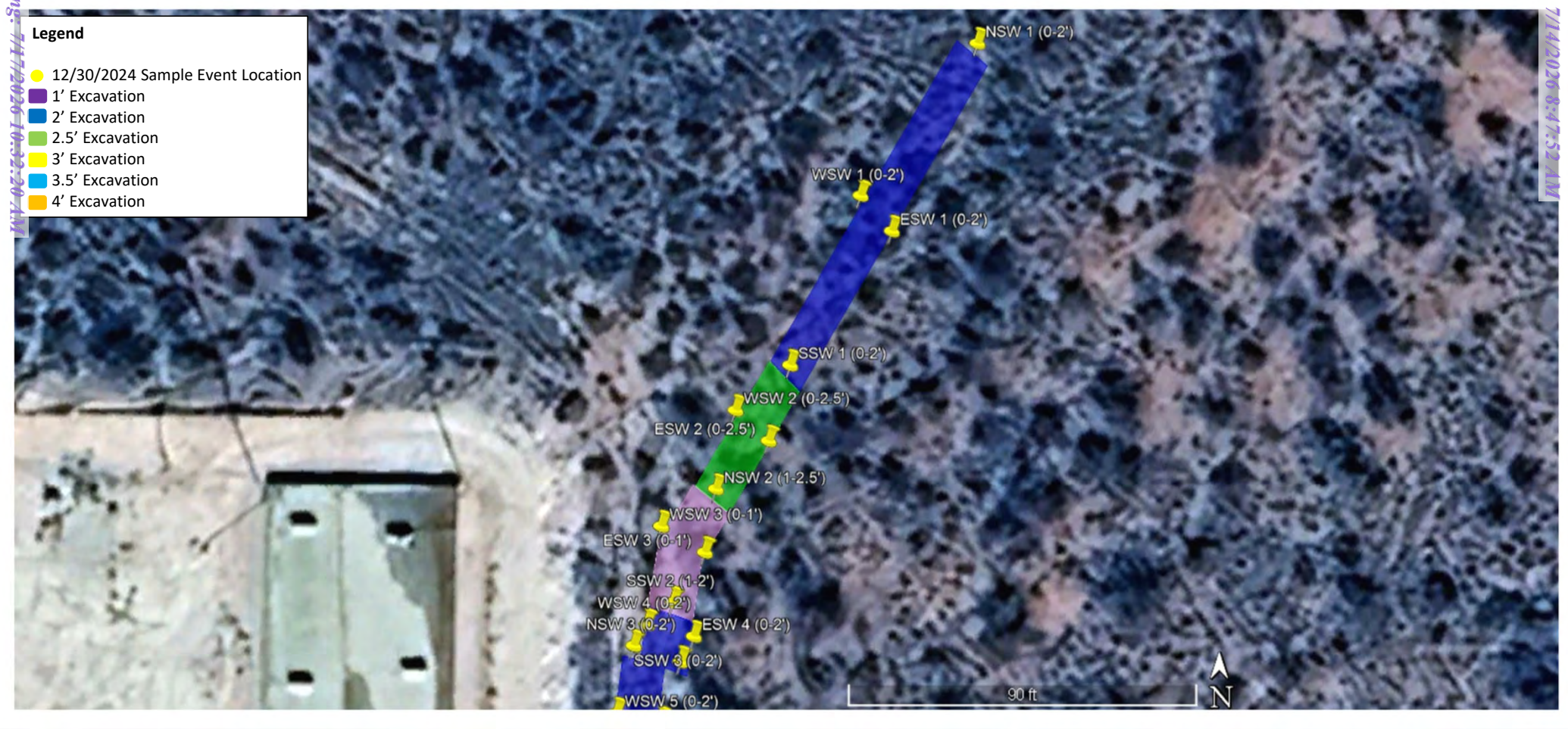
Site Map – Confirmation Sample Map (Floor)
ETC Texas Pipeline, LTD.
Double X Federal #4 LACT Release
32.194681° N, 103.629765° W
Lea County, New Mexico

Figure 9



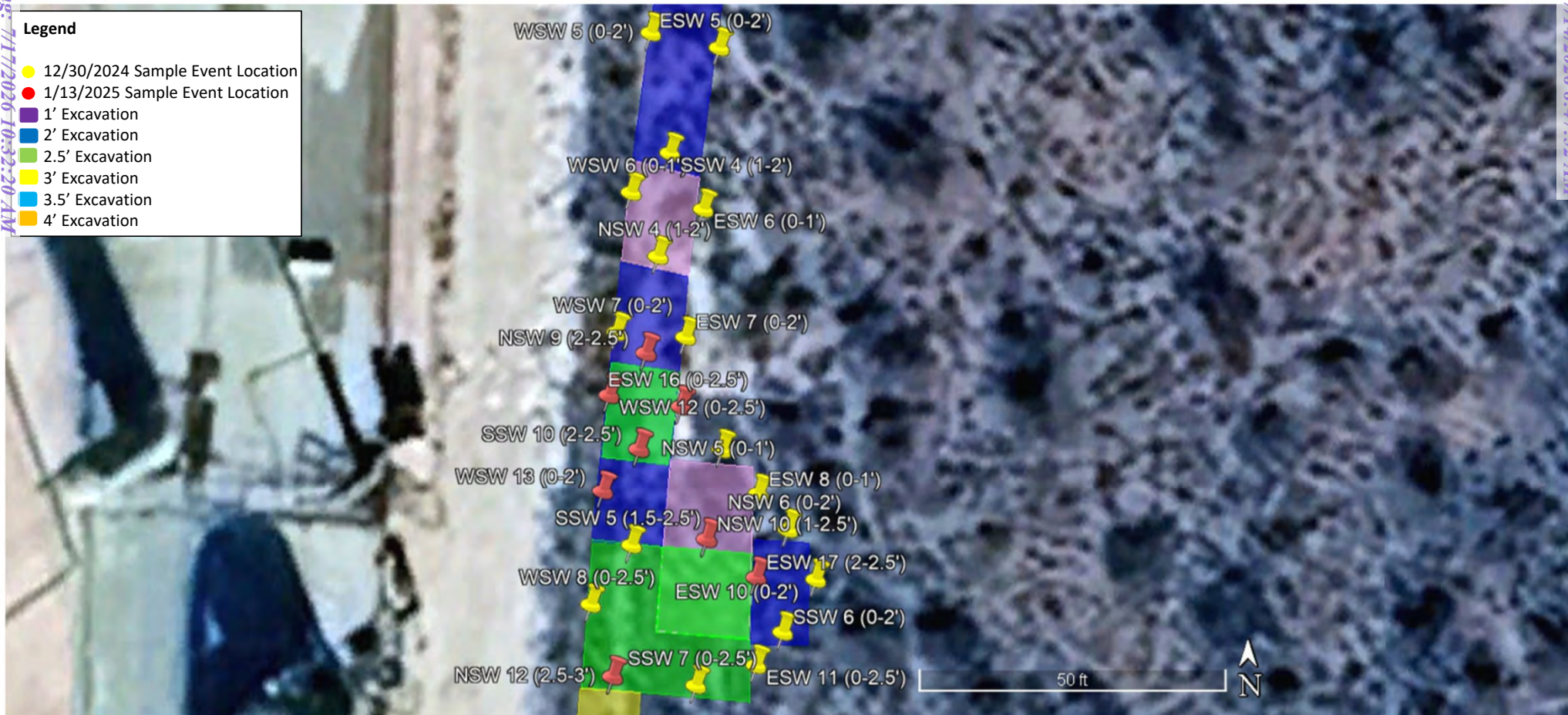
Site Map – Confirmation Sample Map (Sidewall)
ETC Texas Pipeline, LTD.
Double X Federal #4 LACT Release
32.194681° N, 103.629765° W
Lea County, New Mexico

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

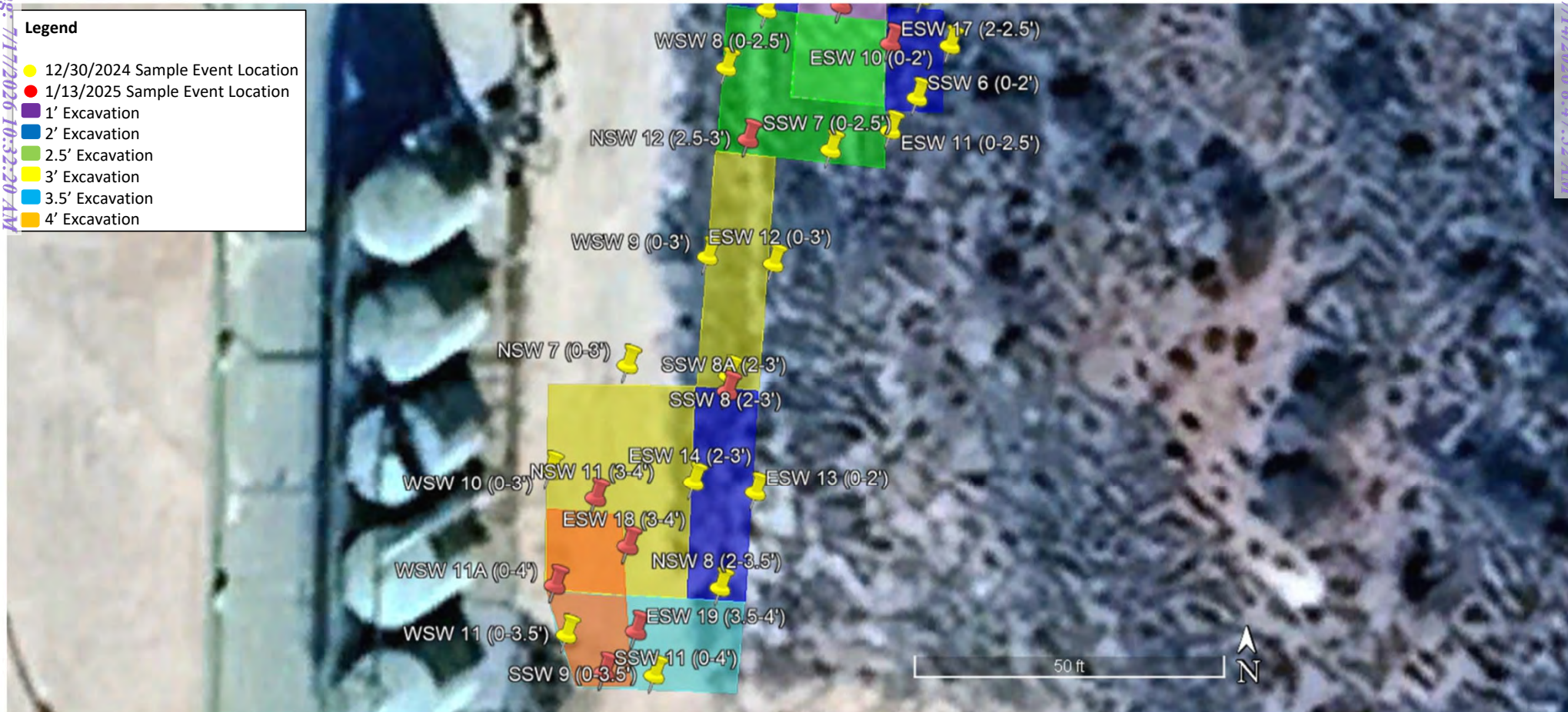
Figure 11



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

Closure Report

1/29/2025

ETC Texas Pipeline, LTD

Double X Federal #4 LACT Release (11/29/2024)

Page 8

Appendix B – Supporting Documentation

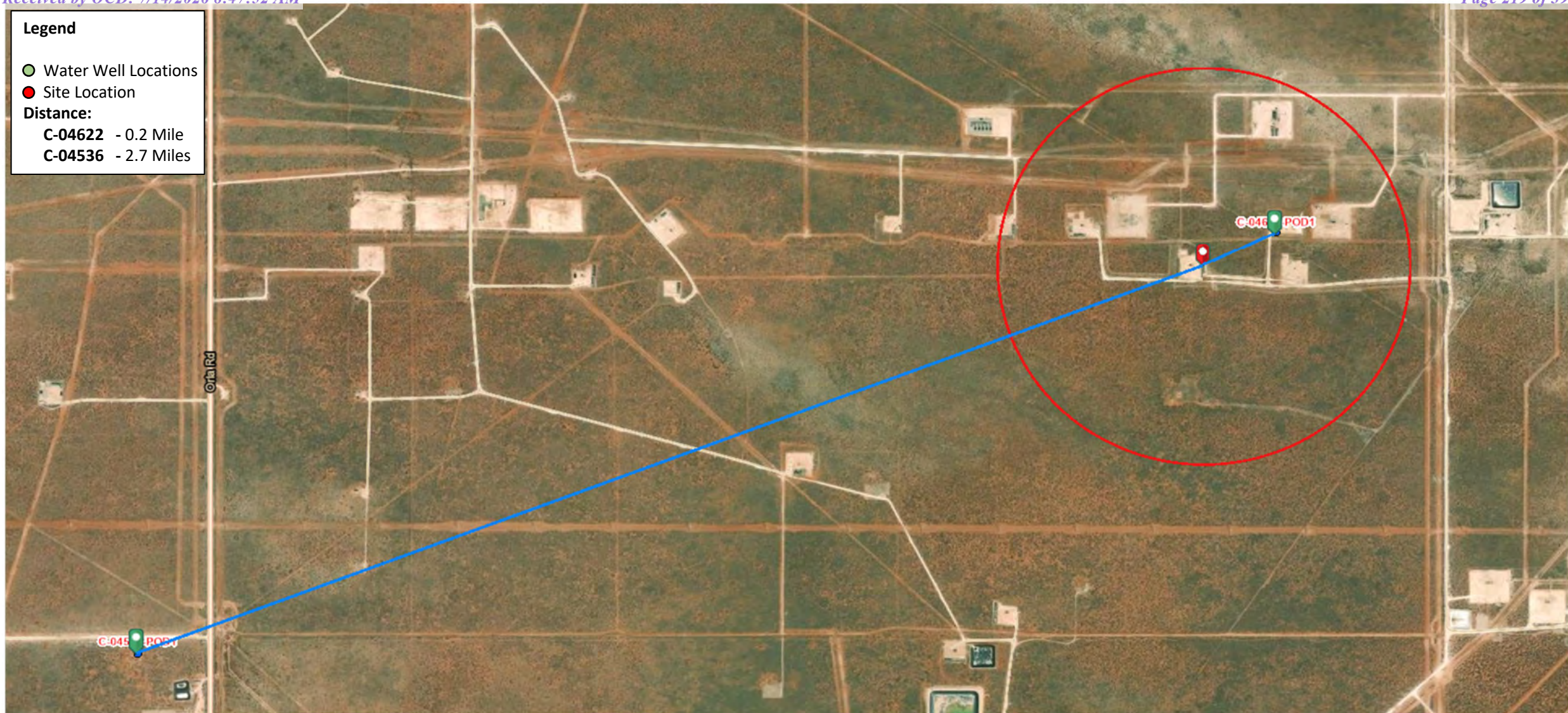
Legend

- Water Well Locations
- Site Location

Distance:

C-04622 - 0.2 Mile

C-04536 - 2.7 Miles

**0.5 Mile Radius Water Well/POD Location**

ETC Texas Pipeline, LTD.

Double X Federal #4 LACT Release

32.194681° N, 103.629765° W

Lea County, New Mexico

Figure A



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
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 Rev 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 32	MINUTES 11	SECONDS 46.22	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE 103	37	36.41	W	* DATUM REQUIRED: WGS 84	
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
	COMPLETED WELL IS:		☐ ARTESIAN		☒ DRY HOLE		☐ SHALLOW (UNCONFINED)
	DRILLING FLUID:		☐ AIR		☐ MUD		ADDITIVES - SPECIFY:
	DRILLING METHOD:		☐ ROTARY		☐ HAMMER		☐ CABLE TOOL
			☒ OTHER - SPECIFY: Hollow Stem Auger		CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐		
	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)
	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)
	FROM	TO					

OSE DTL JUN 16 2022 PM 3:03

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

4. HYDROGEOLOGIC LOG OF WELL

5. TEST; RIG SUPERVISION

5. SIGNATURE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	C-4622-POD 1	POD NO.	1
LOCATION	24.32.24.334	TRN NO.	726166
		WELL TAG ID NO.	
		PAGE 2 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, appearing to read "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, appearing to read "Lucas Middleton".

Lucas Middleton

Enclosures: as noted above

QSE DII 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 Rcv 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**



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



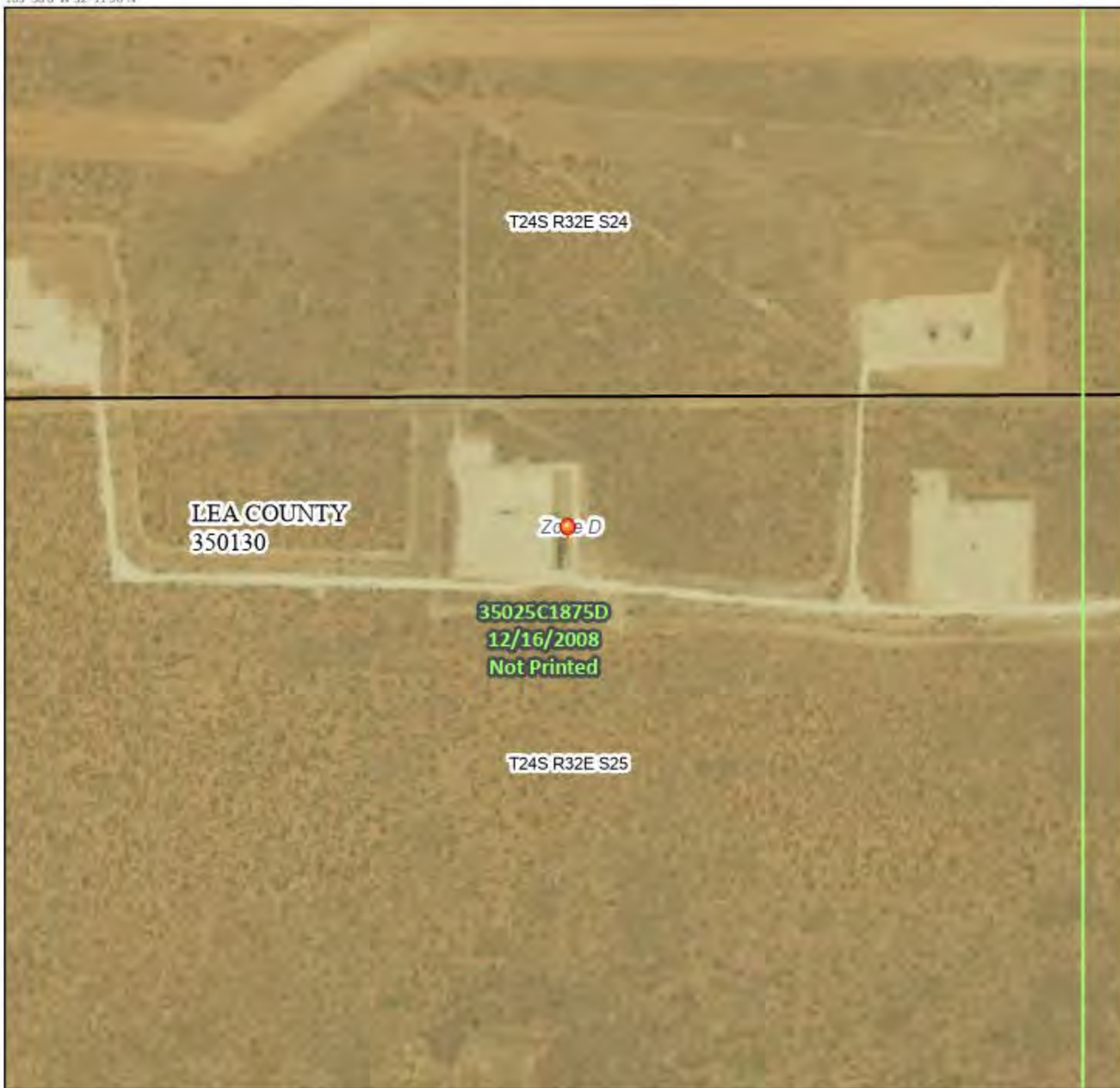




National Flood Hazard Layer FIRMette



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, AP
		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 B
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
		Digital Data Available
		No Digital Data Available
MAP PANELS		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/19/2024 at 3:42 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Closure Report

1/29/2025

ETC Texas Pipeline, LTD

Double X Federal #4 LACT Release (11/29/2024)

Page 9

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



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



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

Date: Nov 05, 2024



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



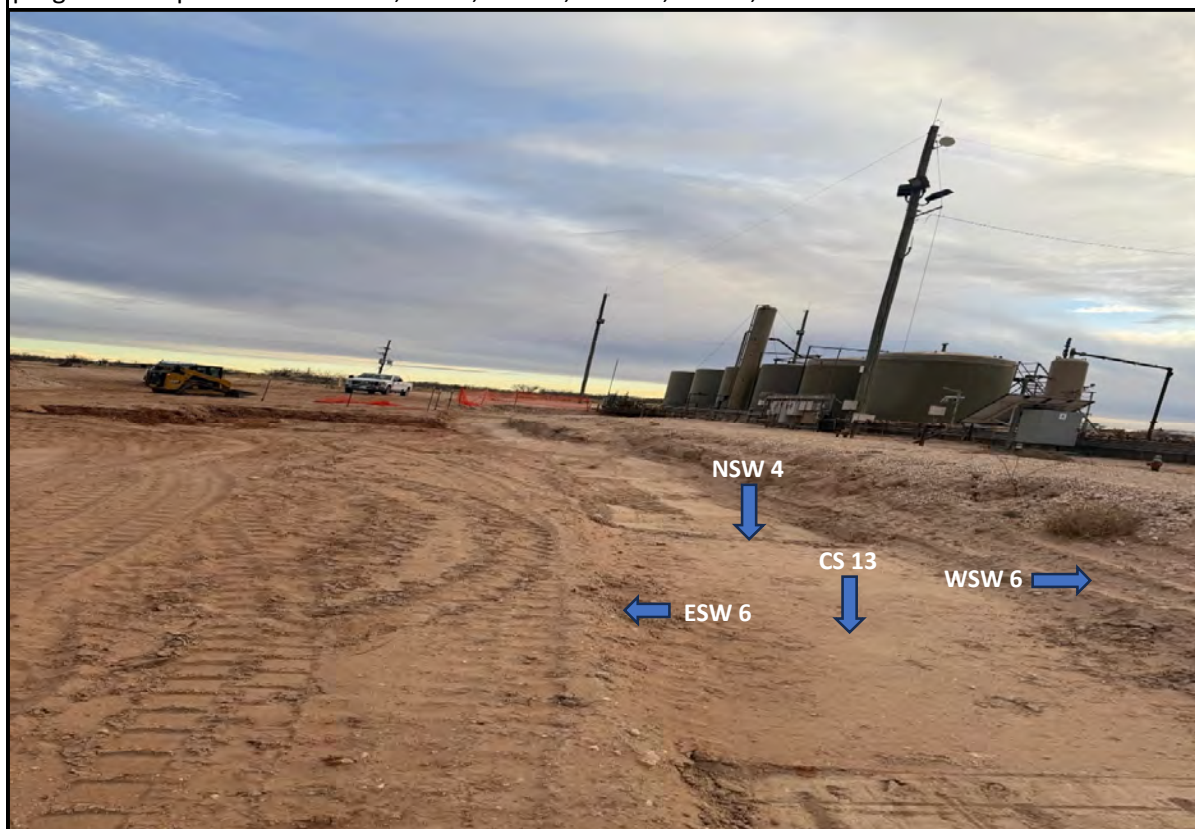
View South - Remediation activities (i.e., excavation and stockpiling) in progress. Sample locations CS 8 thru CS 10, ESW 3, ESW 4, SSW 2, SSW 3, WSW 3, and WSW 4.

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



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

Date: Jan 13, 2025



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



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

Date: Jan 23, 2025



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

Date: Jan 23, 2025



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

Date: Jan 24, 2025



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

Date: Jan 24, 2025

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

1/29/2025

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Appendix D – Tables

UCD: 7/14/2026 8:47:52 AM

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 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	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 NMOCD remedial guidelines

BTEX - benzene, toluene, ethylbenzene, and xylene

AH - auger hole

EB - excavated bottom

NE - not established

SW - 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

Sample ID	Date	Sample Method	Sample Depth (feet)	GRO C6-C10 (mg/Kg)	DRO C28 (mg/Kg)	C10-C28 MRO (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
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)	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	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

Closure Report

1/29/2025

ETC Texas Pipeline, LTD

Double X Federal #4 LACT Release (11/29/2024)

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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, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Cardinal Laboratories

*=Accredited Analyte

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

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, 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	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



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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: 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, 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	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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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, SM4500Cl-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				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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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



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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 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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	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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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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	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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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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	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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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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Notes and Definitions

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

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

Mike Snyder For 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,

Page 1 of 1

Page 12 of 12

Client Name: ETC Gathorne & Processing						Site Manager: Peyton Oliver										
Project Name: Double X Federal #4 ACT Release																
Project Location: Lea County, NM						Project #:										
Invoice to: Energy Transfer - Ryan Reich (Ryan.Reich@energytransfer.com)																
Receiving Laboratory: Cardinal						Sampler Signature: Miguel Deluca										
Comments: *Please send results to all* peyton.oliver@ndtllc.com																
LAB # LAB USE ONLY SAMPLE IDENTIFICATION						SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS		FILTERED (Y/N)		
						DATE	TIME	WATER	SOIL	HCL	HNO3	ICE	None			
1 AH1 (EB2) 0-0.5'						11-21-24	1100	X				X				
2 AH2 (EB2) 0-0.5'						11-21-24	1105	X				X				
3 AH3 (EB3) 0-0.5'						11-21-24	1110	X				X				
4 AH4 (EB1) 0-0.5'						11-21-24	1115	X				X				
5 AH5 (EB1) 0-0.5'						11-21-24	1120	X				X				
6 SW1 (O-3')						11-21-24	1125	X				X				
7 SW2 (O-1')						11-21-24	1130	X				X				
8 SW3 (O-1')						11-21-24	1135	X				X				
9 SW4 (O-1')						11-21-24	1140	X				X				
Relinquished by: Miguel Deluca						Date: 11-21-24	Time: 1458	Received by: [Signature]						Date: 11-21-24	Time: 1458	
Relinquished by:						Date:	Time:	Received by:						Date:	Time:	
Relinquished by:						Date:	Time:	Received by:						Date:	Time:	

LAB USE ONLY		REMARKS:	
STANDARD		[X] STANDARD	
RUSH: Same Day 24 hr 48 hr 72 hr		[] RUSH: Same Day 24 hr 48 hr 72 hr	
Special Report Limits or TRRP Report		[] Special Report Limits or TRRP Report	

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

ANALYSIS REQUEST
(Circle or Specify Method No.)

ORIGINAL COPY

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 REL
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



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

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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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

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



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

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



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

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-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)			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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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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-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) 98.7 % 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*	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

Surrogate: 1-Chlorooctadecane 118 % 49.1-148 4122706 MS 27-Dec-24 8015B

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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-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) 98.7 % 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 82.2 % 48.2-134 4122706 MS 27-Dec-24 8015B

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



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

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-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)			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



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

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-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) 99.1 % 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*	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

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



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

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-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) 97.7 % 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*	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

Surrogate: 1-Chlorooctadecane 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

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-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) 98.6 % 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*	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

Surrogate: 1-Chlorooctadecane 105 % 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 RELF
Project Number: NONE GIVEN
Project Manager: PEYTON OLIVER
Fax To: (575) 214-6030

Reported:
03-Jan-25 16:58

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-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	
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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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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

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-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*	0.096		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 RELF
Project Number: NONE GIVEN
Project Manager: PEYTON OLIVER
Fax To: (575) 214-6030

Reported:
03-Jan-25 16:58

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-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)			98.5 %	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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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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:
03-Jan-25 16:58

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-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

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

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



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 RELF
Project Number: NONE GIVEN
Project Manager: PEYTON OLIVER
Fax To: (575) 214-6030

Reported:
03-Jan-25 16:58

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-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	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	

Surrogate: 1-Chlorooctane			116 %		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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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 RELF
Project Number: NONE GIVEN
Project Manager: PEYTON OLIVER
Fax To: (575) 214-6030

Reported:
03-Jan-25 16:58

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-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*	0.059		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



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 RELF
Project Number: NONE GIVEN
Project Manager: PEYTON OLIVER
Fax To: (575) 214-6030

Reported:
03-Jan-25 16:58

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-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)			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	

Surrogate: 1-Chlorooctane			74.0 %		48.2-134	4122706	MS	28-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			76.7 %		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

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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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

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

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

Surrogate: 1-Chlorooctadecane 119 % 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

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-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

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

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



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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

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-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)			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

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-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)			98.0 %	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	

Surrogate: 1-Chlorooctane			87.9 %	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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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

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-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) 99.2 % 71.5-134 4122718 JH 28-Dec-24 8021B

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

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

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-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*	0.230		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

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

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

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-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)			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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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

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-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) 97.9 % 71.5-134 4122718 JH 28-Dec-24 8021B

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

Surrogate: 1-Chlorooctadecane 112 % 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

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-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)			98.3 %		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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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

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-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)			98.4 %		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

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-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) 98.8 % 71.5-134 4122718 JH 28-Dec-24 8021B

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	

Surrogate: 1-Chlorooctane 93.9 % 48.2-134 4122716 ms 27-Dec-24 8015B

Surrogate: 1-Chlorooctadecane 122 % 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

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-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)			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



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

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-Cl-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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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

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-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)			98.0 %	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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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

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-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)			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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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

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-Cl-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	

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134 4123007 JH 30-Dec-24 8021B

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	

Surrogate: 1-Chlorooctane 85.4 % 48.2-134 4122716 ms 28-Dec-24 8015B

Surrogate: 1-Chlorooctadecane 118 % 49.1-148 4122716 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

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 4123011 - 1:4 DI Water**Blank (4123011-BLK1)**

Prepared & Analyzed: 30-Dec-24

Chloride	ND	16.0	mg/kg						
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LCS (4123011-BS1)

Prepared & Analyzed: 30-Dec-24

Chloride	432	16.0	mg/kg	400	108	80-120			
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LCS Dup (4123011-BSD1)

Prepared & Analyzed: 30-Dec-24

Chloride	448	16.0	mg/kg	400	112	80-120	3.64	20	
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Batch 4123014 - 1:4 DI Water**Blank (4123014-BLK1)**

Prepared & Analyzed: 30-Dec-24

Chloride	ND	16.0	mg/kg						
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LCS (4123014-BS1)

Prepared & Analyzed: 30-Dec-24

Chloride	432	16.0	mg/kg	400	108	80-120			
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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

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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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 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-BS1)

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 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 Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

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-BS1)

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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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

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

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-BS1)

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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A handwritten signature in black ink, appearing to read "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,

Page 1 of 4



Precision Group

PRECISION GROUP

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 #:

Invoice to:

Energy Transfer - Ryan Reich

Receiving Laboratory:

Cardinal Laboratories

Sampler Signature:

ryanreich@energytransfer.com

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	HNO3						

1	CS 1	(EB 21)	0-0-5'	12-27-24	0900	X		X		1	
2	CS 2	(EB 21)	0-0-5'	12-27-24	0905	X		X		1	
3	CS 3	(EB 21)	0-0-5'	12-27-24	0910	X		X		1	
4	CS 4	(EB 21)	0-0-5'	12-27-24	0915	X		X		1	
5	CS 5	(EB 21)	0-0-5'	12-27-24	0920	X		X		1	
6	CS 6	(EB 21)	0-0-5'	12-27-24	0925	X		X		1	
7	CS 7	(EB 21)	0-0-5'	12-27-24	0930	X		X		1	
8	CS 8	(EB 21)	0-0-5'	12-27-24	0935	X		X		1	
9	CS 9	(EB 21)	0-0-5'	12-27-24	0940	X		X		1	
10	CS 10	(EB 21)	0-0-5'	12-27-24	0945	X		X		1	

Relinquished by:

Date:

Time:

Relinquished by:

Date:

Time:

Relinquished by:

Date:

Time:

Relinquished by:

Date:

Time:

LAB USE ONLY

REMARKS:

☒ STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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	

Page

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 #:

Invoice to: Energy Transfer - Ryan Reich

Receiving Laboratory: Cardinal Laboratories Sampler Signature: Miguel Deluna

Comments: *Please send results to all*

peyton.oliver@pndtlc.com

SAMPLE IDENTIFICATION

LAB # 4247773
(LAB USE ONLY)

YEAR 2024	SAMPLING		MATRIX		PRESERVATIVE METHOD					# CONTAINERS	FILTERED (Y/N)
	DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None			

21	CS 21 (EB 2.5)	0-0.5	12-27-24	1040	X							
22	CS 22 (EB 3)	0-0.5	12-27-24	1045	X							
23	CS 23 (EB 3)	* 0-0.5	12-27-24	1050	X							
24	CS 24 (EB 3)	* 0-0.5	12-27-24	1055	X							
25	CS 25 (EB 2)	0-0.5	12-27-24	1100	X							
26	CS 26 (EB 3.5)	0-0.5	12-27-24	1105	X							
27	CS 27 (EB 3)	0-0.5	12-27-24	1110	X							
28	CS 28 (EB 3)	* 0-0.5	12-27-24	1115	X							
29	CS 29 (EB 2.5)	* 0-0.5	12-27-24	1120	X							
30	CS 30 (EB 3.5)	0-0.5	12-27-24	1125	X							

Relinquished by: M. Deluna Date: 12-27-24 Time: 1445
Received by: [Signature] Date: 12-27-24 Time: 1447

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

ANALYSIS REQUEST
(Circle or Specify Method No.)

☒ BTEX 8021B	☐ BTEX 8260B
☐ TPH TX 1005	☐ TPH 8015M
☐ PAH 8270C	☐ GRO - DRO - ORO - MRO
☐ 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	

REMARKS: ☒ STANDARD

☐ RUSH Same Day 24 hr 48 hr 72 hr
☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

LAB USE ONLY
Sample Temperature 43.2/3.7
CF=0.66
#140

(Circle) HAND DELIVERED FEDEX UPS Tracking #

* Customer Requested Dupes
Changes 12/31/24

ORIGINAL COPY

Page 4 of 5

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Texas 79706
Tel (575) 234-1152
Fax (575) 214-6030

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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 REL
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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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

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.

Cardinal Laboratories

*=Accredited Analyte

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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

NSW1 (EB 0-2')**H247786-01 (Soil)**

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4123103	HM	31-Dec-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

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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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

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-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)			96.1 %		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



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

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-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)			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



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

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-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)			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

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-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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			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	

<i>Surrogate: 1-Chlorooctane</i>			120 %		48.2-134	4123023	MS	31-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			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

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-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	

<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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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

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-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	
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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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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

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-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)			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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Cardinal Laboratories

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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

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-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)			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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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

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-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)			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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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

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-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)			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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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

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-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) 97.0 % 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*	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

Surrogate: 1-Chlorooctadecane 117 % 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

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-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*	0.246		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

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

Surrogate: 1-Chlorooctadecane 117 % 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

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	

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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*	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	

Surrogate: 1-Chlorooctane 112 % 48.2-134 4123023 MS 31-Dec-24 8015B

Surrogate: 1-Chlorooctadecane 102 % 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

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-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)			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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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

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-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)			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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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

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-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*	0.058		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	

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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*	<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 103 % 48.2-134 4123023 MS 31-Dec-24 8015B

Surrogate: 1-Chlorooctadecane 88.2 % 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

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-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)			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	

Surrogate: 1-Chlorooctane			117 %		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



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

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-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) 97.5 % 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*	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

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

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-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)			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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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

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-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	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

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

Surrogate: 1-Chlorooctadecane 110 % 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

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-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*	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



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

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-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

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

Surrogate: 1-Chlorooctadecane 113 % 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

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	

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134 4123026 JH 31-Dec-24 8021B

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	

Surrogate: 1-Chlorooctane 93.5 % 48.2-134 4123024 MS 31-Dec-24 8015B

Surrogate: 1-Chlorooctadecane 117 % 49.1-148 4123024 MS 31-Dec-24 8015B

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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-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)			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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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

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-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

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

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

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-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

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

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

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-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) 115 % 71.5-134 4123026 JH 31-Dec-24 8021B

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

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

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-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)			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



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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

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-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*	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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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

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-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) 109 % 71.5-134 4123026 JH 31-Dec-24 8021B

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

Surrogate: 1-Chlorooctadecane 109 % 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

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

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-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) 113 % 71.5-134 4123026 JH 31-Dec-24 8021B

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 91.9 % 48.2-134 4123024 MS 31-Dec-24 8015B

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

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-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)		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	

Surrogate: 1-Chlorooctane		99.6 %		48.2-134		4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane		112 %		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

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

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

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

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-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) 113 % 71.5-134 4123026 JH 31-Dec-24 8021B

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

Surrogate: 1-Chlorooctadecane 107 % 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

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-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*	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	

Surrogate: 1-Chlorooctane			99.0 %		48.2-134	4123024	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			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

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-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

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

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

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-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*	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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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

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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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

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-Cl-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)			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	

Surrogate: 1-Chlorooctane			102 %	48.2-134		4123104	MS	31-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			104 %	49.1-148		4123104	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

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-Cl-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) 105 % 71.5-134 4123027 JH 31-Dec-24 8021B

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	

Surrogate: 1-Chlorooctane 109 % 48.2-134 4123104 MS 31-Dec-24 8015B

Surrogate: 1-Chlorooctadecane 125 % 49.1-148 4123104 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

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-Cl-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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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

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							
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LCS (4123103-BS1)

Prepared & Analyzed: 31-Dec-24

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (4123103-BSD1)

Prepared & Analyzed: 31-Dec-24

Chloride	448	16.0	mg/kg	400		112	80-120	7.41	20	
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Batch 4123109 - 1:4 DI Water**Blank (4123109-BLK1)**

Prepared & Analyzed: 31-Dec-24

Chloride	ND	16.0	mg/kg							
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LCS (4123109-BS1)

Prepared & Analyzed: 31-Dec-24

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (4123109-BSD1)

Prepared & Analyzed: 31-Dec-24

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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Batch 4123110 - 1:4 DI Water**Blank (4123110-BLK1)**

Prepared & Analyzed: 31-Dec-24

Chloride	ND	16.0	mg/kg							
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LCS (4123110-BS1)

Prepared & Analyzed: 31-Dec-24

Chloride	432	16.0	mg/kg	400		108	80-120			
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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

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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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

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-BSD1)

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 REL
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-BS1)

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

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%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-BSD1)

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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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

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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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

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%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-BS1)

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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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

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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A handwritten signature in black ink, appearing to read "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

Page 1 of 5

Client Name:		ETC Gathering & Processing		Site Manager:		Peyton Oliver					
Project Name:		Double X Federal #4 LACT Release									
Project Location: (county, state)		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@pndtic.com											
LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD					
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None		
1	NSU1 (EB 0-2')	12-30-24	0900	X		X				1	
2	NSU1 (EB 0-2')	12-30-24	0905	X		X				1	
3	NSU1 (EB 0-2')	12-30-24	0910	X		X				1	
4	NSU1 (EB 0-2')	12-30-24	0915	X		X				1	
5	NSU2 (EB 0-2.5')	12-30-24	0920	X		X				1	
6	NSU2 (EB 0-2.5')	12-30-24	0925	X		X				1	
7	NSU2 (EB 1-2.5')	12-30-24	0930	X		X				1	
8	NSU3 (EB 0-1')	12-30-24	0935	X		X				1	
9	NSU3 (EB 0-1')	12-30-24	0940	X		X				1	
10	NSU2 (EB 1-2')	12-30-24	0945	X		X				1	
Relinquished by:		Date: Time:		Received by:		Date: Time:					
Relinquished by: Miguel Deluna		Date: 12-30-24 Time:		Received by: [Signature]		Date: 12-30-24 Time: 1400					
Relinquished by:		Date: Time:		Received by:		Date: Time:					
Relinquished by:		Date: Time:		Received by:		Date: Time:					

LAB USE ONLY		REMARKS:	
[X] STANDARD		[X] RUSH: Same Day 24 hr 48 hr 72 hr	
[] Rush Charges Authorized		[] Special Report Limits or TRRP Report	

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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Page 58 of 60

Page



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Texas 79706
Tel (575) 234-1152
Fax (575) 214-6030
Midland,

Page 59 of 60

* Customer requested ID changes. Pg. 1/8/25
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Precision Group

Page 2 of 2

Page 60 of 60

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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 with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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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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, SM4500Cl-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, SM4500Cl-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



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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 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



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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 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, 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 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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 10 (EB 1-2.5') (H250158-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	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, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	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, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	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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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: 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, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	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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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, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	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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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, SM4500Cl-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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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 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, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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:		Double X Federal #4 LACT Release		Project #:			
Project Location:		Lea County, NM		Project #:			
Invoice to:		Energy Transfer - Ryan Reich		Sample Signature:		Miguel Deluna	
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	
				DATE		TIME	
				WATER		SOIL	
				HCL		HNO ₃	
				ICE		None	
				# CONTAINERS		FILTERED (Y/N)	
				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			
Reinquished by:		Date: Time:		Received by:		Date: Time:	
Relinquished by:		Date: Time:		Received by:		Date: Time:	
Relinquished by:		Date: Time:		Received by:		Date: Time:	

ORIGINAL COPY

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB USE ONLY

REMARKS:

☒ STANDARD

Sample Temperature

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Units or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #

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

QUESTIONS

Action 604465

QUESTIONS

Operator: ET Gathering & Processing, LLC 1025 Bounds Rd Loving, NM 88256	OGRID: 371183
	Action Number: 604465
	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 Approved
Incident Facility	[fAPP2201726730] DOUBLE X 25 FEDERAL 4H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DOUBLE X 25 FED NO. 4 LACT
Date Release Discovered	10/28/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: 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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Phone: (505) 476-3441

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Phone: (505) 629-6116

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<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 604465

QUESTIONS (continued)

Operator: ET Gathering & Processing, LLC 1025 Bounds Rd Loving, NM 88256	OGRID: 371183
	Action Number: 604465
	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>
<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.</i>	

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: 07/14/2026
--	---

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

QUESTIONS, Page 3

Action 604465

QUESTIONS (continued)

Operator: ET Gathering & Processing, LLC 1025 Bounds Rd Loving, NM 88256	OGRID: 371183
	Action Number: 604465
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	130
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1330
GRO+DRO (EPA SW-846 Method 8015M)	1330
BTEX (EPA SW-846 Method 8021B or 8260B)	10.9
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	09/30/2026
On what date will (or did) the final sampling or liner inspection occur	10/15/2026
On what date will (or was) the remediation complete(d)	10/30/2026
What is the estimated surface area (in square feet) that will be reclaimed	6316
What is the estimated volume (in cubic yards) that will be reclaimed	900
What is the estimated surface area (in square feet) that will be remediated	6316
What is the estimated volume (in cubic yards) that will be remediated	900
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

QUESTIONS, Page 4

Action 604465

QUESTIONS (continued)

Operator: ET Gathering & Processing, LLC 1025 Bounds Rd Loving, NM 88256	OGRID: 371183
	Action Number: 604465
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Yes
Which OCD approved facility will be used for on-site disposal	fAPP2201726730 DOUBLE X 25 FEDERAL 4H
OR which OCD approved well (API) will be used for on-site disposal	Not answered.
(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.)	Yes
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ryan Reich Email: ryan.reich@energytransfer.com Date: 07/14/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 604465

QUESTIONS (continued)

Operator: ET Gathering & Processing, LLC 1025 Bounds Rd Loving, NM 88256	OGRID: 371183
	Action Number: 604465
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 604465

QUESTIONS (continued)

Operator: ET Gathering & Processing, LLC 1025 Bounds Rd Loving, NM 88256	OGRID: 371183
	Action Number: 604465
	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

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
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CONDITIONS

Action 604465

CONDITIONS

Operator: ET Gathering & Processing, LLC 1025 Bounds Rd Loving, NM 88256	OGRID: 371183
	Action Number: 604465
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation work plan is approved to include the following conditions of approval: 1. Energy Transfer must get approval from BLM to complete the remediation proposal to stockpile and treat contaminated soil on-site.	7/17/2026